

CLASSIFIED SUMMARISED NOTES, NORTH ISLAND

1 July 1985 to 30 June 1986

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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; HQ Headquarters; imm/s immature/s; I Island; juv/s juvenile/s; Lag Lagoon; L Lake; NP National Park; Pen Peninsula; Res Reserve; R River; SF State Forest; SP Sewage Ponds.

NOTE: Manukau Harbour winter census date was 27 July 1986.

BROWN KIWI *Apteryx australis*

Warawara F, heard on 28, 29, 30/3, 1 dead on 30/3 (IRD). Tapora, 5 heard on 11/5 (MJT). Ponui I, c.10 heard in several locations (BB, MJT). Raetihi, 1 sick found by a Wildlife Ranger on 27/7; was looked after for 3 weeks then released at the Paraparas (EJR).

BLUE PENGUIN *Eudyptula minor*

Takatu to Sandspit Wharf, c.20 on 8/4 (TGL). Little Barrier I, 50 +

on passage on 27/3; ashore and calling at night on west side 15/5 to 21/5 (PFB). Little Barrier I to the Sandspit Wharf, 30+ basking in groups of 3 and 4 on 8/4 (BB). Raglan, present on 8/12 (RM, ASR, ARP). Mt Maunganui, 1 in a burrow, others coming ashore on rocks at base of Mount on 7/9 (BHS). Cape Kidnappers, Black Reef, 1 on 9/12 (BT).

NEW ZEALAND DABCHICK *Podiceps rufopectus*

Aupouri Pen survey, 32 on dune lakes in Jan (AVH). Kaipara South Head, 1 pair in breeding display on a farm dam on 11/8 (MG, SG). Muriwai Ls, 20 on 6 and 9/2(GAP). Manurewa, Wattle Downs Res, 1 on old SP on 10/4 (AVS). L Ngapouri, a pair and a single on 16/1 (RMW). L Aniwhenua, 10, including 2 involved in courtship, on 11/8 (PCML). 14 on the Rabbit Bridge area on 11/8; Turangi SP, 1 on 12/10 (JGI); Rotongata crater L, Ngahopua Track, Rotorua, 2 on 3/3 (J Bee, VJL); Waimangu Valley, 1 on first lake after entrance on 9/5 (BHS). Whakaki Lag, 1 on 25/4 (GAF). Hurimoana Swamp, 24 on 26/4; Horseshoe L, 2 on 18/5 (KVT). L Purimu, 3 on 9/3 (BDH, HAR). Westmere, Botanical Res, 2 on 6/7, 2 with 1 chick on 10/11; Kaitoke L, 2 on 6/7 and 20/7, 3 on 3/8 (PFB, OCT); Wanganui, L Grassmere, 2 on 1/5 (GJR); Wanganui R, 1 on 16/5 (OCT). Omanuka Lag, 14 on 5/4 (AC, WRJ, MO, MO). L Horowhenua, 122 on 11/5 (AC, WRJ, AStd). Foxton No.1 L, 10 on 31/3; Heatherlea Pond, 1 pair with 1 chick on 9/2 (JLM, MM). Paraparaumu, a pond by State Highway 1 just north of the town, 2 on 29/11 (JLM, MM).

AUSTRALIAN LITTLE GREBE *Tachybaptus novaehollandiae*

Sweetwater, Reservoir L, 1 in Jan (AVH); Jack's L, 7 on 8/6, 10 on 20/7; L Owhareiti, 3 on 20/4, 8/6 and 20/7; Kaikohe SP, 1 on 15/6 (G Wat, JW).

NEW ZEALAND BLACK-BROWED MOLLYMAWK

Diomedea melanophrys impavida

Little Barrier I, 1 passing Te Titoki Point on 31/3 (PFB, SD). Foxton B, 1 on 12/4 (JLM, MM).

GREY-HEADED MOLLYMAWK *D. chrysostoma*

Bowentown B, 1 dead on 12/8 (BC). Cape Kidnappers, 1 juv on 1/1 (PFB).

YELLOW-NOSED MOLLYMAWK *D. chlororhynchos*

Taiharuru Head, c.4, 6 km out to sea on 6/7 (TGL).

WHITE-CAPPED MOLLYMAWK *D. cauta*

Foxton B, 2 on 6/7, 20 on 7/7, 2 on 26/1 (JLM, MM).

ALBATROSS/MOLLYMAWK sp.

Ruapuke, 1 possibly *Phoebastria* flying south on 4/5 (BHS, ARP). Foxton B, 30 on 6/7, 20 on 7/7, 2 on 26/1, 6 on 12/4, 1 on 18/5, 2 on 7/6 (JLM, MM). Wellington H, off Ngauranga, 1 on 7/2 (JLM, MM).

GIANT PETREL *Macronectes* sp.

Bream Bay, 1 on 30/5 (TGL). Clifton, 1 on 30/12, 2 on 31/12; Cape Kidnappers, 1 on 1/1; Waverley B, 1 on 24/11; Kai-iwi B, 1 on 6/12; Castlecliff B, 1 on 9 and 11/2; Tangimoana B, 2 on 8/3 (PFB). Wanganui R mouth, 1 on 29/12 (GJR). Foxton B, 6 on 6/7, 2 on 7/7, 6 on 15/3, 1 on 16/3, 1 on 12/4, 1 on 4/5, 1 on 18/5; Wellington H, between Petone and Ngauranga, 1 on 6/11 (JLM, MM).

CAPE PIGEON *Daption capense*

Bowentown-Ohope, 2 found alive, 1 of which is believed to be the paler form of *capense*, between 24/8 and 16/11 (PCML).

GREY-FACED PETREL *Pterodroma macroptera*

Hen I, Dragon's Mouth Cove, vocal after dark late May early June (TGL). Little Barrier I, several offshore during strong south-west winds on 27/5 (PFB). Opoutere, 1 in perfect condition found on the road well up the H on 3/1; it flew after resting; burrows were found by G. Nicholson on a steep face of a high hill in 1974 (BB). Hamilton, 1 exhausted, was given food for two days and released on the west coast on 26/7, but later died (ASR). Mt Maunganui, arriving after dusk and found on ground at nesting grounds on 3/8 and 7/9 (PCML, BHS).

WHITE-NECKED PETREL *P. externa cervicalis*

Karikari Bay, Far North, 1 dead on 27/1 (GA, JED, J Macefield)

WHITE-HEADED PETREL *P. lessonii*

Mt Maunganui, 1 found alive and later released (PCML).

COOK'S PETREL *P. cookii*

Little Barrier I, a chick in a burrow near the foot of the Valley Track ridge on 2/4; the same burrow was used last season; many burrows at 430 m asl with 4 long-dead birds on 14/5 (TGL, PFB). Sandspit Wharf to Little Barrier I, numbers on 24/11, a few on return on 30/11 (BB). Mt Maunganui, 1 found alive on 8/4 but died next day (PCML). Foxton B, 1 on 24/12 (JLM, MM).

BLACK-WINGED PETREL *P. nigripennis*

Cape Maria Van Diemen, calling on 22/2 (ASR, JMR). Wairoa, 2 dead in paddocks on 14/12/83; Mahia, Opoutama B, 5 dead on 14/12/83 (GAF).

FAIRY PRION *Pachyptila turtur*

Sandspit Wharf to Little Barrier I, large and small flocks feeding, sometimes among Fluttering Shearwaters, on 24/11; on return several great feeding swirls containing thousands on 30/11 (BB). Ohope, 1 found alive on 25/1 (WMH). Wanganui South B, 1 being pursued by Black-backed Gulls on 5/8 (PFB). Foxton B, 1 on 26/1 (JLM, MM).

FULMAR PRION *P. crassirostris*

Opoutama B, 1 dead on 18/8 (GAF).

PRION sp.

Waverley B, 25 000 + passing south offshore in 2 hours peaking at 400 per minute on 24/11 (PFB).

BLACK PETREL *Procellaria parkinsoni*

Great Mercury I, 1 heading west 5 km to the north on 19/2; Takatu to Little Barrier I, several following astern on 1/4 (TGL). Little Barrier I, 1 passing Te Titoki Point on 31/3 (PFB). Sandspit Wharf to Little Barrier I, 1 definite, 2 probable on 30/11 (BB). Mt Maunganui and Papamoa, 3 dead between 10/1 and 3/2 (PCML). Cape Kidnappers, 1 on 30/12 (PFB).

BLACK PETREL sp.

Foxton B, 2 on 7/7, 1 on 27/10 (JLM, MM).

FLESH-FOOTED SHEARWATER *Puffinus carneipes*

Great Mercury I to Cuvier I, common 19/2; south of Cuvier I c.600 in a big feeding flock with c.300 Australasian Gannets on 26/2 (TGL). Little Barrier I, 250 + on 28/3, 50 on 15/5; Motutapu I, 6 on 23/1 (PFB). Sandspit Wharf to Little Barrier I, 20 + on 24/11; on return scattered thinly among great feeding flocks on 30/11 (BB). Raglan to Gannet I, Karewa, 11 on 8/12 (RM, ASR, ARP). Raglan, Jackson's Reef, 10 on 16/2 (ARP). Tolaga Bay, c.20 10 km offshore on 28/8/83 (GAF). Cape Kidnappers, 4 on 1/1 (PFB).

BULLER'S SHEARWATER *P. bulleri*

Cape Maria Van Diemen, hundreds flying north on 22/2 (ASR, JMR). Little Barrier I, 100 + on 31/3, 50 on 15/5, a few on 28/5; Browns I, 11 on 23/1 (PFB). Little Barrier I, 10 + on passage on 24/11 (BB). Raglan, Jackson's Reef, 3 on 16/2 (ARP). Cape Kidnappers, 5 + on 30/12; Waverley B, 10 on 24/11 (PFB). Foxton B, 4 flying north on 26/1 (JLM, MM).

SOOTY SHEARWATER *P. griseus*

Little Barrier I to Takatu, 2 on 8/4 (TGL). Clifton, 3 on 31/12; Cape Kidnappers, 1 on 1/1 (PFB). Correction to an entry for 1984/85, Wanganui South B, c.8 close inshore after 2 days of gales on 16/5 not 3/9; Waverley B, 20 000 passing south in 2 hours on 24/11; Tangimoana B, many passing on 8/5 (PFB). Foxton B, 3000 per hour passing south on 26/1, smaller numbers in Dec and May (JLM, MM).

SHORT-TAILED SHEARWATER *P. tenuirostris*

90 Mile B, hundreds on 31/5 (G Wat). Little Barrier I to Sandspit Wharf, 200 + among swirls of thousands feeding on 30/11 (BB).

FLUTTERING SHEARWATER *P. gavia*

Tokerau B, 300 + with c.400 White-fronted Terns on 9/2 (MMB, VJL). Tauranga Bay, 150 on 20/4 (G Wat). South Gable, c.100 on 6/7; Bream Head, several hundred on 6/7; Mercury Bay, near the Hole in the Wall, c.50 heading NW on 19/2; south of the Hole in the Wall, c.300 on 26/2; Takatu, c.400 on 8/4 (TGL). Little Barrier I, 4000 + on 31/3, 2000 + on 15/5, 500 on passage on 28/5; Motuihe I, 50 on 23/1 (PFB, SD). Little Barrier I, very common outward passage on 24/11; on return thousands shared feeding frenzies with other seabirds on 30/11 (BB). Raglan, present during the summer with a maximum of 290 on 16/2 (ARP). Arataki-Mt Maunganui, large numbers just offshore in July (AM). Tolaga Bay, c.40 10 km offshore on 28/8/83 (GAF). Clifton, c.80 on 30/12; Cape Kidnappers, 500 on 1/1; Tangimoana B, many passing north on 8/5 (PFB). Wanganui B, many passing offshore on 29/12 and 22/12 (GJR). Foxton B, 750 per hour passing south on 28/10, 4000 per hour on 24/12, smaller numbers in Jan, Mar and May; Wellington H, off Somes I, observed in Aug, Sep, Oct, Nov, Mar and Apr with a maximum of 100 7/4 (JLM, MM).

LITTLE SHEARWATER *P. assimilis*

Hen I, Dragon's Mouth Cove, 1 heard on 30/5 (TGL).

WILSON'S STORM PETREL *Oceanites oceanicus*

Great Barrier I to Little Barrier I, 1 halfway between on 28/5 (PFB).

WHITE-FACED STORM PETREL *Pelagodroma marina*

Tiritiri I, 3 south on 28/11, a few south on 15/12 (TGL). Little Barrier I to Sandspit Wharf, up to 50 with 10 seen at a single time on 30/11 (BB, KJF).

DIVING PETREL *Pelecanoides urinatrix*

Cavalli I, several on 28/3; Bream Head to Hen I, c.30 on 30/5, c.200 on 2/6 (TGL). Little Barrier I, 93 on passage on 14/5 (PFB); Little Barrier I, on outward passage, ones, twos, and up to 6 at a time on 24/11, heard at night from the shore, calling and possibly coming in at the same time as Cook's Petrels, not known to breed recently but PC Bull found a colony on Lot's Wife and islet off the north east coast (BB).

AUSTRALASIAN GANNET *Sula bassana serrator*

Oaia I, Muriwai, colony active Aug to Feb; Muriwai Stack, c.200 nests on 28/12; Muriwai mainland cliff, 6 nests on 22/8, 17 nests on 28/12, 3 chicks remaining on 19/4 (MJT, SD); 30, roosting on second mainland site in Dec (GCE). Cuvier I, c.300 above a big swirl of c.600 Flesh-footed Shearwaters a few kilometres south on 26/2 (TGL). Little Barrier I, c.100 in groups of c.5 on 15/5 (PFB); many seen on outward passage on 24/11, and return on 30/11 (BB). Waikato Heads, Maioro, 10 together on 20/4 (BB). Gannet I, Karewa, 4295 sites occupied on 8/12 (ARP, ASR, RM). Muriwai, Wherowhero Lag, 100 + , 5 km offshore on 24/10/83 (BGJ, SCJ); Awatoto, c.200 offshore on 31/12. Tukituki E, 5 diving among a group of Black Shags on 7/6 (KVT); Porangahau E, 6 on 21/6 (ACS, CFM). Waverley B, 3 on 24/11 (PFB, OCT). Foxton B, 10 on 24/12, c.25 on 26/1, 15 on 17/5; birds feed in the Manawatu E at high tide (JLM, MM). Wellington H, all months except Dec and May, a maximum of 2 on several dates, an imm on 11/6; Paekakariki, at sea from State Highway 1 to south of the town, 4 on 1/12 (JLM, MM).

BROWN BOOBY *S. leucogaster*

Manukau H, Little Huia, 2 in Oct, 1 on 18/5 (CS-K, GM).

BLACK SHAG *Phalacrocorax carbo*

Aupouri Pen survey, 19 on dune lakes in Jan (AVH). Helensville, Kaukapakapa R, colony of 15 nests with young on 21/9 (MG, SG). Manukau H census, summer 2, winter 13; FoT census, summer 23, winter 22; Miranda, 80 + on 18/4 (BB, ST, RBS). Coromandel Pen survey, 12 for 30/5 to 2/6 (BB). Wairoa, c.250 flying downriver at dawn on 24/8/84, 369 flying upriver at dusk on 26/6/85; Whakaki L, 47 on 9/3 (GAF). Gisborne, Browns B, 1 on 28/1/85 (BGJ, SCJ). Horseshoe L, 61 on 18/5 (KVT). L Hatuma, 10 on 9/3; L. Purimu, 15 on 9/3 (BDH, HAR). Wanganui E, 25 on 15/3 (PFB, OCT). Manawatu E, 20 fishing on 20/7; Whirokino, 30 on pylons on 17/5 (JLM, MM). L Horowhenua, 26 on 11/5 (AC, WRJ, AStd). Wellington H, Petone to Ngauranga, maximum of 4 on 5/11 (JLM, MM).

PIED SHAG *P. varius*

Tom Bowling Bay, 17 on 19/2 (ASR, JMR); 16 with 3 nests on 20/11; Te Werahi B, 3 on 21/11 (AVH). Okiato Point, 72 nesting in pohutakawas on 16/1 (G Wat); Waimamaku Creek, several roosting in mangroves on 23/2 (PA); Taporu, McLeans Dam, colony of c.25 nests on 12/5. Auckland, L Pupuke, Hobson Bay, Orakei Creek, Western Springs, Panmure Basin,

small nesting colonies (MJT). Upper Waitemata, Albany Inlet, 47 nests with eggs and young on 30/11 (MG, SG). Manukau H census, summer 122, winter 349; FoT census, summer 25, winter 54. Coromandel Pen survey, 148 for 30/5 to 2/6 (BB); Coromandel, New Chum's B, islet at north end, colony on 1/6 (DMW). Kawhia, 1 on 8/6 (FN). Kaituna Cut, c.50 at colony on 16/11; Tarawera R mouth, 18 on 11/5; Ohope Spit, 12 on 26/1, 35 on 29/6 (JLM, PCML). Motu R mouth, 24 on 26/10; Ruakokore R mouth, 20 on 28/10 (PCML); Wairoa R E, 1 on 24/9/83 (GAF).

LITTLE BLACK SHAG *P. sulcirostris*

Aupouri Pen survey, 32 on dune lakes in Jan (AVH). Okura, 14 on 22/3; Kaikohe SP, 2 on 12/3 (G Wat). Whangarei H, Awaroa Arm, 12 to 20 throughout the year, an irregular roost (PA). Urquhart's Bay, 6 on 30/5 (TGL). Auckland, Orakei Creek, flock of 105 roosting on 22/6 (MJT). Manukau H census, summer 7, winter 12; FoT census, summer 2, winter 11 (BB); Miranda, 20 + sitting on a fence near pools on 15/6 (TGL, RBS). Port Waikato, 60 + on 11/8. Coromandel Pen survey, 56 for 30/5 to 2/6 (BB, DGB). Rangitaiki R mouth, 30 on 11/5; Ohiwa H, 85 on 2/7 (PCML, WMH). L Rotorua, Sulphur Bay, only 1 attempted to nest on an island where in recent years hundreds have nested (JGI). Wairoa R E, 18 feeding on 25/12/84 (GAF). Ahuriri E census, 57 on 23/11; Horseshoe L, 50 + on 18/5 (KVT). L Hatuma, c.70 on 9/3; L Purimu, 16 on 9/3 (BDH, HAR). Wanganui, Kaitoke L, 40 on 20/7, 25 on 3/8; Wanganui E, 67 on 21/9, 100 on 19/5 (PFB, OCT). Manawatu E, 25 on 21/9, 23 on 4/5; Foxton Loop, 24 on 21/7. Wellington H, Petone to Ngauranga, present July to Nov, maximum c.30 on 13/8, also present in May, maximum 16 on 6/5; Pauatahanui E, 28 on 18/5 (JLM, MM).

LITTLE SHAG *P. melanoleucos brevirostris*

Aupouri Pen survey, 27 on dune lakes in Jan (AVH). L Omapere, c.400 on 31/5; Kaikohe SP, 300 on 18/5 (G Wat). Auckland, Hobson Bay, colony had 27 nests in Oct; Western Springs, Albany Inlet, Birkenhead, nesting colonies (MJT). Kawhia, 10 on 8/6; Aotea, 5 on 8/6 (FN). Okere Falls, colony was deserted after cessation of breeding; near Rotorua, Hemo Gorge, colony almost finished on 26/3 (JGI). Whakaki Lag, 42 on 9/3 (GAF). Ahuriri E census, 25 on 13/7; East Clive census, 26 on 23/11; Horseshoe L, 2 on 18/5 (KVT). L Hatuma, 5 on 9/3; L Purimu, 5 on 9/3 (BDH, HAR). Wellington H, Petone to Ngauranga, maximum 19 on 7/8 (JLM, MM).

SPOTTED SHAG *Stictocorbo punctatus*

Auckland West Coast, Erangi Point, birds gathering nest material, c.10 pairs on 22/9; Ponui I, 12 on 25/4 (MJT). Manukau H census, winter 3; FoT census, winter 220 (BB). Coromandel Pen, near Manaia, 135 on 13/10 (BS). Waikawa to Wilson's Bay 300 + on 2/8 (AVP/JVP). East Clive, 24 roosting on sewer outfall on 15/8 (KVT). Wellington H, Petone to Ngauranga, singles from Aug to Nov and in Jan (JLM, MM).

WHITE-FACED HERON *Ardea novaehollandiae*

Parengarenga H, 52 on 26/1; Kaitaia Town, 2 pairs breeding in pines for last 2 years (AVH). L Owhareiti, 3 on 20/4 (G Wat). Onerahi Airport, 1 on 8/6 and 9/7 (PA). Whangarei H survey, 15 in Nov (MK). Kaipara H, Jordans Farm, 24 on 1/1, 45 on 15/6 (SJD, MG, SG). Little Barrier I,

2 flying strongly towards mainland on 14/5 (PFB). Manukau H census, summer 338, winter 258, Karaka, 84 on 5/5, 65 on 21/1 (BB, DGB, PFB, AJG); FoT census, summer 153, winter 140. Coromandel Pen survey, 80 for 30/5 to 2/6 (BB). Awhitu Pen, Gordon's Rd, 1 all white except for c.5 primaries, primary coverts, and secondaries, normal bill and legs (BJB, JVD). Kawhia, 131 on 8/6 (FN). Tauranga H, Matahui Point, 35 on 7/7 (BC); Maketu, 120 feeding in fields on 15/6 (PCML); Ohiwa H, 116 on 29/6 (WS). Muriwai, Wherowhero Lag, 3 on 9/10/83, 20 + 21/4/84; Pakowhai, courting on 1/7/83 and again early July 1984 (BGJ, SCJ). Gisborne, Muriwai Lag, 38 on 14/12; Mahia, Oraka, 32 on 6/4, 31 on 25/4; Whakaki Lag, 25 on 9/3; Kihitu L, 8 on 29/9 (GAF). Gisborne, Browns B Lag, 7 on 14/10/84, 4 on 28/1/85, 5 on 13/4 (BGJ, SCJ). Ahuriri E census, 72 on 23/11 (KVT). Porangahau E, 24 on 22/6 (BDH, HAR). L Horowhenua, Sand Rd south end, 56 on 18/7 (WRJ). Foxton Beach Rd, 25 on 18/5 (JLM, MM).

WHITE HERON *Egretta alba*

Mangonui H, 1 on 13/5 (PA). Waipu, 1 on 25/5 (AG, AG). Kaipara H, Jordans Farm, 4 in July, 3 on 15/6 (DFB, MG, SG). Port Waikato, 1 on 25/11, 1 on 22/3, 2 in early May (DMW, TH); Hood's Landing, island in river, 4 in early May (FT). Matata, 2 on 14/7, 1 on 11/5 (PCML). Kukumoa-Opotiki, 1 on farm trough on 29/6 (WS). Whakaki Lag, 3 on 22/6/85 and 30/6/85, 2 on 8/6; Tolaga Bay, 1 from 8/4 to 11/4 (GAF). Waitangi, 1 on 4/9 (MT, PWT); East Clive, 1 with breeding plumes on 24/8; Tukutuki E, 1 on 15/5 (KVT); Haumoana, 1 on 3/7 (BT). Waikawa E, 1 on 18/6; L Horowhenua, 1 on 9/6 (WRJ). Manawatu E, 4 on 4/5, 1 on 3, 17, and 18/5 (RAC, SEC, JLM, MM). Foxton Loop, 10 on 21/7, 3/8 and 18/8 (JLM, MM).

PLUMED EGRET *E. intermedia*

Kaikohe SP, 1 from 25/5 to 7/6 (G Wat, JW). Ohinewai, 1 on 24 and 31/8 (BB, BHS).

LITTLE EGRET *E. garzetta*

Paua, 1 on 23/6/85 and 29/3 (AVH). Hokianga H, 1 on 19/7 (G Wat, JW).

REEF HERON *E. sacra*

Parengarenga H, 9 on 1/9; Cape Maria Van Diemen, 1 on 18/1; Motupia I, 1 on 18/1 (VH); Te Werahi B, 2 on 22/3; Houhora H, 2 on 31/3 (AVH); 90 Mile B, The Bluff, 1 on 31/5 (G Wat). Herekino H, 2 between 9/4 and 24/4 (JS, MS). Matauri Bay, 1 on 21/4 (PA); Okura, 1 always present; Paihia, 2 on 16/1 (G Wat). Waipu E, 1 on 20/7 (TGL). Whangarei H survey, 2 in Nov (MK). Auckland Region, 13 records usually of 1 or 2 birds, 6 from the East Coast, 2 from the West Coast, 2 from Manukau H (MG, SG). Gt Barrier I, 1 (AJG); Motuihe I, 4 on 28/2 (KB); Ponui I, 6 on 11/5 (MJT). Port Waikato, 1 on 11/8, 2 on 4/5 (TRH, TH). FoT, Kawakawa Bay, feeding belly deep on 11/8 (TRH). Coromandel Pen survey, 6 for 30/5 to 2/6, but singles at Colville, Te Kouma, Oamaru Bay, Stony Bay, Long Bay, a juv at Whangapoua (AVP, JVP, NS, VJL, EEP); Coromandel H, 2 on 28/7 (AVP, JVP); Opoutere, 2 resident, Waharau, 1 on 28/6 (BB, JAB); Coromandel, Rangipukea I, 1 on 31/12 (TRH, HH). Pollock Spit, 1 on 27/4 (MG, SG); Waimai, 1 on 21/3 (ASR, JMR); Carter's B, 1 on 17/9; Ruapuke, 1 on 24/11 (ASR, JMR). Raglan, 1 on 13/4; Karioi, 1 on 8/12 (ASR, JMR,

ARP); Aotea, 1 on 8/6; Kawhia, 1 on 8/6 (FN). Tauranga, Coronation Pier, 1 on 21/2; Mt Maunganui, 1 flying high over the main street from the ocean to the harbour, probably from Rabbit I where they breed to the harbour flats where they feed on 4/10; Kaituna Cut, 2 on 28/9 (PCML); Maketu, 1 on 15/6 (NS). Whakatane R mouth, 1 at various times; Ohiwa H, 1 on 16/11 and 29/6 (WMH); Port Ohope, 1 on 5/10 (RMW); Waiaua R E, 2 at various times which are probably the same ones as those at the mouth of the Tirohanga R and Opape; Waihou Bay, 1 at various times (WMH); Motu R mouth, 1 on 28/10 (BC). Gisborne, Turihau Reef, 2 feeding on 23/10/83 (GAF); Sponge Bay, 1 on 28/8/83 (BRK); Tolaga Bay, 1 on 11/5 (GAF). Ahuriri E, 1 regularly throughout the year; Waimarama, 1 on 14/12 (KVT). Wellington H, Petone to Ngauranga, singles in Sep to Nov, Jan, Apr, May and June; Pauatahunui H, south side, 1 on 18/8 (JLM, MM).

CATTLE EGRET *Bubulcus ibis*

Wapapakauri, 2, last sighting for the Far North on 5/12. Far North arrivals in 1986: Owkata, 2 exhausted on 27/3; Cape Maria Van Diemen, 2 on 29/3; Paua, 1 on 31/3; Houhora, 1 on 31/3; Ngataki, 4 on 4/4; Unahi, large flock on 13/4; Pukepoto, 57 on 14/4 (AVH, PM, G Wat); Kaeo, 2 on 10/6; Oakleigh, 18 on 23/7 (PA); L Owhareiti, 4 on 20/4, c.35 in May, 5 on 8/6 (G Wat). Ngunguru, 14 in May; Mata, 50 on 11/5; Turiwiri, 30 in May; Ruawai, 226 in 2 flocks on 18/5 (MK). Warkworth, Hoopers Farm, 5 on 6/5, 22 on 18/5, absent on 7/6 (RH). Kaipara H, Jordans Farm, 2 on 7/12, 4 on 15/5 (DFB, MJT, MG, SG). Parakai, 60 on 6/8 (CE); Orewa SP, 16 with 5 showing colour on 6/9, departed c.29/10, 7 on 18/4, 29 on 10/6 (JED, RGP). North Shore SP, 4 on 28/4 (JED). Mangere, 7 on 10/1, 6 on 27/4, 21 on 29/6 (SJD, JED). Little Barrier I, Te Marea-roa, 1 on 16/4 (RGP). Brighams Creek, Kumeu, 7 on 9/5 (JED). Aka Aka-Te Kohanga, 50+ on 10/9, 110 on 4/5, 170 on 11/5, c.225 on 29/5, 210 on 22/6; this flock moved across and up and down the river (TH, BB, DGB, TGL, RBS, AJG, JVD). Waitara Valley, Pollok, 3 stayed a week in early April (A. Stewart). Pukekohe-Waiuku, 2 near Pukekohe Golf Course on 18/4, 21 at Glenbrook Rd on 22/4 (IJ). Manurewa, Syke's Rd, 7 present for a month up to 22/4. Clevedon, first for the year on 1/4, 4 on 28/4 (AJG, PC); Kawakawa Bay, 2 on 10/5 (PH). FoT, Miranda, 1 on 7/7; Piako-Pipiroa, 80+ on 4/10 and 21/5 (EEP, PH). Turua, 20+ on 30/5, 10 flying north east on 5/6 (BB, TG). Whitianga, 7 on 12/5 (PH); Whangamata, 5 on 13/5 (HS). Rangiriri, 66 on 25/4, 25 on 4/5, 160 on 30/5, 7 remained throughout the summer (BJZ, TR, G War). Rototuna, c.16 last on 3/11, 13 on 18/5 (BRK, RM, ARP). Raglan, 1 from 21 to 27/5 (CL, RL). Ngaroto, 35 on 20/5 (RD). Matahui Point, 2 on 7/7 (BC); Katikati, 6 on 18/5, 15 on 7/6 (PCML, BC). Kaituna Cut, 12 on 3/8, 7 on 16/11, 20 on 31/5, 32 on 15/6 (PCML, NS). Awaitei, 13 on 11/5, 75 on 31/5, 82 on 9/6 (PCML, RMW). Kukumoa-Opotiki, 10 on 10/6/85 and 29/9 (WMH). Kukumoa, 11 on 26/10, 9 on 3/11, 26 on 29/6 (PCML, LH, WS). Waerenga-a-hika, 9 on 3/10/83 (BRK); Nuhaka, 3 on 7/6 (GAF). Westshore, Southern Marsh, 4 on 16/3 (KVT); Fernhill, Swamp Rd, 4 with 15 White-faced Herons on 6/7, 4 on 7/9 (JGH). L Hatuma, 12 on 18/7 (CFM). L Poukawa, 1 on 4/9 (MT, PWT); Waipukurau, 27 from 5/6 to 23/6 (CFM). Herbertville, 2 on 22/6 (BDH, HAR). Levin SP, 63 on 5/7 (WRJ). Whirokino, 83 on 3/8, 62 on 4/5, 105 on

22/6; Manawatu E, 30 on 7/6, 26 on 22/6 (JLM, MM). Whangaeahu, 11 on 20/7, 10 on 24/8, 4 on 19/5, 32 on 28/6; Kai-iwi, 3 on 23/5 (PFB, OCT); Wanganui, Springvale, 3 on 16/5 (PFB, GJR). Levin SP, 143 on 9/6; Arawhata Rd, 144 on 9/6 (WRJ). Woodville, Manawatu R, 56 on 12/6 (WRJ).

AUSTRALASIAN BITTERN *Botaurus poiciloptilus*

Te Werahi B Catchment, 1 on 5/4; Thoms Landing, 1 on 6/10; Houhora, 1 on 12/7; Swan L, 1 on 24/11; Kaimaumau, 1 on 18/8; Kauri Flat, 1 on 15/4; Waipapakauri, 1 on 20/10; Wainui, 1 on 18/4 and 8/6; Waimango Swamp, 1 on 6/10 and 12/11 (AVH); Matai Bay, 3 sightings on 5/2 (VJL); L Waiporohita, 1 on 2/6, L Omapere, 1 on 2/6 (G Wat). Whangarei H, corner Beach and Whangarei Heads Roads, 1 on 2/6 (PA). Karikari Pen, Whataru Bay, 3 on 18/3 (JED). Tapora, McLeans Farm, 8 on 12/5 (JED, NR). Muriwai Ls, 6 on 4 lakes on 9/2 (GAP, MJT); Te Henga Marsh, 1 heard on 22/9 (JES). Huapai, 1 on 8/6 (JED). Whatapu, several reports each of 1 or a pair; Pakiri Rd, 1 on 12/7 (MG, SG). Maramarua, Kopuku Swamp, 2 on road startled by cars, 1 flew and the other froze then flew when further alarmed on 6/11 (BB). Kariotahi, 1 feeding in a marshy seepage 10 m from the beach on 20/4 (AJG). L Whakamaru, 1 in June (BJZ). Kaituna Cut, 1 on 15/6 (KWLb); Tarawera R mouth, 1 on 31/5; L Aniwhenua, 1 on 11/8 (PCML); Thornton Lag, 11 flew out of swampy area on 13/5 (RMW). Ahuriri E, 1 on 20/7 (ACS, PWT); East Clive, 1 on 7/6 (CFM); Glenmore Station, The Pigsty, 1 on 21/8 (RP); L Oinga, 4 booming on 23/11 (JGH). L Poukawa, 2 on 16/11 (KVT, CFM). Wanstead Swamp, 1 on 24/3 (J Ber); Porangahau E, 1 on 22/6 (RMH). L Horowhenua, 1 on 9/6 (WRJ). Foxton Loop, booming on 9/11, 24/12, 2/1 and 1 on 17/5; Foxton No. 3 L, 1 on 30/12 (JLM, MM). Omanuka Lag, 2 with a juv on 3/5 (AC).

GLOSSY IBIS *Plegadis falcinellus*

Aka Aka, Parry's property, 6 then 8 stayed a few hours then flew towards Waikato River mouth on 14/7 (BB, AJG). Coromandel, 3 in tidal estuary on several occasions in the summer 1984-85 (EEP). Whakaki Lag, 2 from 22/6 to 30/6/85 (GAF).

ROYAL SPOONBILL *Platalea regia*

Rangaunu H, Walker I, 16 on 7/7; Unahi Wharf, 7 on 20/10 (AVH). Okura, 1 on 26/4 and 26/6; Hokianga H, 1 on 19/7 (G Wat). Pakiri B, 2 on 19/10; Mangere SP, 2 on 21/7 and 25/8, 4 on 5/10 (MG, SG, MJT). Coromandel H, 2 from 5/5 to 8/5/85 then 1 until 20/6/85; it roosted in a Norfolk pine in the town's main street, 2 on 17/8, 1 in Norfolk pine on 4/5 and 30/5 (AVP, JVP, AJG, EEP). Kaituna Cut, 3 in pine trees in which there is a Pied Shag colony, on 15/6 (PCML). Ahuriri E, 8 on 6/7, 6 on 20/10, 2 on 30/3, 5 on 2/6 (MT, PWT). Cape Kidnappers, Black Reef, 2 on 27/11, 1 on 1/1 (KVT, PFB). Manawatu E, 26 on 21/7, 15 on 3/5, 19 on 2/6, 34 on 22/6 (JLM, MM, LJD, WRJ). Waitotara E, 2 on 17 and 24/11, 1 on 11/12 (PFB, G Wal, M O'S). Wanganui E, 1 on 4/11, 20 on 25/11, 10 on 8/12, 4 on 3/5 (PFB, GJR, OCT).

MUTE SWAN *Cygnus olor*

L Poukawa, 12 on 27/6; Horseshoe L, 2, introduced by Wildlife Service, on 18/5 (KVT).

BLACK SWAN *C. atratus*

Aupouri Pen survey, 195 on dune lakes in Jan (AVH); Jack's L, c.50 including 2 with neck bands on 8/6; L Owhareiti, 100 + on 20/4 (G Wat). Awhitu Pen, Walton's Gap, 36 on shallow farm lake; Port Waikato, 100 + on 11/8 (BB, DGB). Manukau H, Karaka, 8 on 8/2 (SJD, ASRi). Kawhia, 1660 on 29/5; Aotea, 622 on 29/5 (TR). Tauranga H, c.600 on 28/6 (PCML, NS); Kaituna Cut, 14 on 17/8 (BHS); Matata Lag, c.50 and 4 juvs on 26/1, c.80 on 11/5 (JLM, PCML). Muriwai, Wherowhero Lag, 10 on 30/7/83, 6 on 24/10/83 (BGJ, SCJ). Whakaki Lag, c.1500 on 9/3, 1648 on 25/4 (GAF); Gisborne, Browns B Lag, 13 on 14/10/84 (BGJ, SCJ). Ahuriri E census, 228 on 13/7, 97 on 23/11; Hurimoana Swamp, 180 on 25/4; L Poukawa census, 200 on 13/7, 400 + on 27/6; Horseshoe L, 60 on 18/5 (KVT). L Hatuma, numerous on 9/3; L Purimu, numerous on 9/3 (BDH, HAR). Porangahau E, 90 on 21/6 (KVT). L Horowhenua, 2050 on 11/5 (AC, WRJ, AStd). Whirokino, 100 including 1 pair with 3 cygnets on 3/8; Foxton No.1 L, 160 on 22/9; Foxton No. 3 L, 80 with 40 cygnets on 9/11; Manawatu E, 60 on 3/5; Foxton Loop, 17 on 2/1 (JLM, MM).

CANADA GOOSE *Branta canadensis*

Tauranga H, Pahoia, 650 on 28/6; Kaituna Cut, usually some present but high counts of 17 on 30/11 and 18 on 14/12 (PCML); Little Waihi, 14 on 15/2 (RJ); Matata Lag, 1 on 26/1, 6 on 11/5 (JLM, MM, PCML). Hick's Bay, 2 flying north just offshore on 27/10 (PCML). Hinemaiaia R, Upper Hydro L, 3 on 12/10, 150 on 14/1 (JGI). Northern Hawke's Bay, 92 occupied nests, main sites being Ngamotu with 53 and Whakaki with 30 nests on 5/11/83; Whakaki Lag, 860 on 5/1/84; Ohuia Lag, 150 on 5/1/84, all penned for Wildlife Service banding; Wairoa R E, 52 on 29/1/84, 106 on 9/6/84 (GAF). Muriwai Lag, 8 on 5/12/83 (BRK); Pakawhai, 7 flying south on 28/12/83 (BGJ, SCJ). Whakaki Lag, 14 on 9/3, 608 on 25/4 (GAF). Ahuriri E, 10 on 6/10 (MT, PWT). L Horowhenua, 13 on 13/12, 2 on 8/2 (WRJ, JLM, MM). Foxton No. 1 L, 2 on 28/10, 3 on 2/1, 7 on 2/3, 3 on 31/3 (JLM, MM).

[CAPE BARREN GOOSE *Cereopsis novaehollandiae*

Mangere, Inlet Rd, a pair in late Dec, then 1 flew into a power wire and died, the other remained (PH). Whitford, 1 on 11/2 (AJG) – not known whether wild or escaped – ed.]

PARADISE SHELDUCK *Tadorna variegata*

Aupouri Pen survey, 807 on dune lakes in Jan (AVH); Okura, 89 on 26/1, 8 on 22/3; L Owhareiti, c.200 on 20/4 (G Wat). Orewa SP, moult flock of 330 with almost equal numbers of each sex on 12/2 (JED). Muriwai Ls, 276 on 8 lakes on 9/2 (GAP, SCn). Little Barrier I, pair on 25/5 (PFB). South Auckland, scattered throughout in suitable habitat and increasing. FoT, Miranda, maximum 26 on 16/3; Opoutere, 32 in upper H on 26/12 (BB). Great Mercury I, 28 on 14/6 (TH). Mangatawhiri, Ryburn's Lag, 21 on 3/5 (DAL). L Harihari, 58 on 6/1; L Mumiti, 150 on 7/1; L Rotorua, 80 on 7/1 (SCn). Kaituna Cut, 5 on 17/8, 16 on 12/10, 25 on 14/2 (BHS, PCML); Matata Lag, 30 on 11/5; L Aniwhenua, 40 on 11/8 (PCML). Ohiwa SP, 150 moulting on 2/1 (RMW). Muriwai, Wherowhero Lag, 4 on 24/10/83 (BGJ, SCJ). Whakaki Lag, 93 on 9/3, 565 on 25/4 (GAF). Ahuriri E census, 308 on 13/7, 154 on 23/11; L Poukawa census, 200 on 13/7; Takapau, 30 on

20/5 (KVT); Tukituki Wildlife Refuge, 30 including 20 juvs on 31/12 (PFB). L Hatuma, 200 on 9/3 (BDH, HAR). Whangaehu, 320 on 19/5; L Waikato, 90 on 6/2; Wanganui Botanical Res, 13 on 6/7 (PFB, OCT). L Horowhenua, 130 on 4/4 (WRJ). Whirokino, 3 on 3/8; Foxton B, 20 on 4/8; Foxton No. 1 L, 3 on 3/5; Pauatahanui Lag, 2 pairs on 1/9, 2 on 4 and 18/5 (JLM, MM).

MALLARD *Anas platyrhynchos*

Aupouri Pen survey, 438 on dune lakes in Jan (AVH). L Owhareiti, 50+ on 20/4; Kaikohe SP, 200 on 12/3 (G Wat). Matata Lag, c.2000 on 11/5 (PCML). Muriwai, Wherowhero Lag, 500+ at sea very restless on 21/4/84 (BGJ, SCJ). Whakaki Lag, c.4000 on 9/3, c.8000 on 25/4 (GAF). Pakawhai Station, 1 with 10 downies on 10/9 (BGJ, SCJ). Ahuriri E census, 378 on 23/11, 261 on 13/7; Waitangi, 400 on 25/3; Hurimoana Swamp, 100 on 25/4; Horseshoe L, 300 on 18/5; Puketapu, 10 on 17/11 (KVT). L Hatuma, numerous on 9/3; L Purimu, numerous on 9/3 (BDH, HAR). L Horowhenua, 2014 on 11/5 (AC, WRJ, AStd). Manawatu E, 200 on 4/5 (JLM, MM).

GREY DUCK *A. superciliosa*

Aupouri Pen Survey, 226 on dune lakes in Jan (AVH). Kaikohe SP, 15 on 12/3, 1 pair mated on 17/5 (G Wat). Port Waikato, 2 on 11/8, now scarce (BB). Matata Lag, c.50 on 11/5 (PCML). Pigsty Swamp, 8+ on 23/3 (JGH). Manawatu E, 6 on 21/7 (JLM, MM). Wanganui E, 6 on 12/5; Botanical Res, 15 on 6/7 (PFB).

GREY TEAL *A. gibberifrons*

Aupouri Pen survey, 10 on dune lakes in Jan (AVH). Waitotira, Manganui R, 3 on 3/5 (PA). Orewa SP, 5 on 18/4, 7 on 29/4; Mangere SP, 31 on 11/5, 172 on 7/6 (RBS, JED). Manukau H, Karaka, 7 on 21/7; FoT, Miranda, 20 just offshore on 16/3 (BB, DGB); Access Bay, a pair on 15/6 (TGL, RBS). Kaituna Cut, 41 on 30/3, 48 on 15/6 (DGB, KWLB); Matata Lag, 6 on 11/5; L Aniwhenua, 19 on 11/8 (PCML). L Rotomahana, c.100 in bay where the Waimongu Rd emerges on 9/5 (BHS). Wairoa R, 10 on 12/6/84; Whakaki Lag, 13 on 9/3 (GAF). Ahuriri E census, 104 on 13/7, 103 on 23/11; Hurimoana Swamp, numerous on 26/4; L Poukawa, 100 on 10/7; Horseshoe L, 200 on 18/5 (KVT). L Hatuma, numerous on 9/3; L Purima, numerous on 9/3 (BDH, HAR). L Horowhenua, 17 on 11/5 (AC, WRJ, AStd). Manawatu E, 7 on 3/5, 13 on 18/5 (JLM, MM). Kaitoke L, 1 on 3/8 (PFB, OCT).

BROWN TEAL *A. chlorotis*

Bay of Islands, Poroa Bay, 6 on 13/5 (PA). Little Barrier I, Awaroa Stream, 1 on 23/5; Great Barrier I, Port Fitzroy, 7 on 28/5 (PFB).

NEW ZEALAND SHOVELER *A. rhynchos*

Aupouri Pen survey, 43 on dune lakes in Jan (AVH). L Waporohtia, 10 on 2/6; L Owhareiti, 3 on 20/4; Kaikohe SP, c.6 present Mar to Jun, unusually white-breasted male on 17/5 (G Wat). Whau Valley Dam, 6+ on 7/5 (PA). Waiwera, Strakas Refuge, 4 on 12/10, 28 on 29/4 (MJT, JED); Orewa SP, 42 on 18/4, 105 on 17/6; Te Henga Swamp, 4 on 1/5 (JES). Mangere SP, 4 on 13/4, 2 on 16/5 (MG, SG, RBS, GA). FoT, Miranda,

4 on 7/7 (BB). Kaituna Cut, 6 display flying on 17/8 (BHS); Matata Lag, c.200 on 11/5 (PCML). L Rotomahana, c.450 in bay where Waimungu Rd emerges on 9/5 (BHS). Whakaki Lag, 50 on 9/3 (GAF). Ahuriri E census, 200 on 10/7, 82 on 23/11; L Poukawa census, 800 on 10/7; Horseshoe L, 160 + on 18/5 (KVT). L Hatuma, numerous on 9/3; L Purimu, numerous on 9/3 (BDH, HAR). Foxton No. 1 L, 40 + on 22/9 (JLM, MM). Wanganui area, 256 maximum (PFB, OCT, GJR).

BLUE DUCK *Hymenolaimus malacorhynchos*

Ngatuhua near Tauranga, 1 drake behaving as though his mate was on a nest on 5/10; Mangorewa R Gorge, 1 on 4/10 (PCML); Waimana R, 1 in June (WMH); Motu R, c.30 estimated during a raft trip on 18/9 (NS). Pureora SF Park, Ongarue Stream headwaters, 1 pair on 27/3 (BRB, DSW). Waioeka R, Matawai area, 3 pairs on 23/4/84 (SCJ).

NEW ZEALAND SCAUP *Aythya novaeseelandiae*

Aupouri Pen survey, 15 on dune lakes in Jan (AVH); Whau Valley Dam, 1 on 7/5 (PA). Waiwera, Strakas Refuge, 18 on 12/10, 5 on 29/4 (MJT, JED). Orewa SP, 3 on 6/8, 2 on 29/4 (JED). Western Springs, 1 on 22/3 (VJL). L Harihari, 6 plus 12 chicks on 6/1; L Mumiti, 4 on 7/1 (Scn). Matata Lag, 36 on 11/5, 70 on 31/5; L Aniwhenua, c.80 on 11/8 (PCML). Horseshoe L, 170 + on 18/5 (KVT). Mataroa, Hautapu R, 15 on 10/11 (RS). Wanganui, Kaitoke L, 8 on 20/7, 5 on 3/8 (PFB, OCT).

AUSTRALASIAN HARRIER *Circus approximans*

Papakura, Red Hill, 1 swooping, calling, did a sideways roll and attracted 5 more; all circle and later 4 slowly dispersed; 1 remained circling closely with the first on 8/9 (BB). Ahuriri E census, 7 on 23/11; L Poukawa, 5 on 27/6 (KVT). L Horowhenua, 10 on 11/5 (AC, WRJ, AStd).

NEW ZEALAND FALCON *Falco novaeseelandiae*

Mt Karioi, 1 on 19/3 (MO). Whakamarama, near Tauranga, 1 pair on 18/9 (NS). Rotorua, Forest Research Institute, 1 hit and killed a sparrow on 1/4 (JWH). Pakowhai, twice flying near windbreak trees on 16/8/83, 1 hunting near macrocarpas where c.30 Feral Pigeons were roosting on 3/7/84, 2 daily up to 26/7/84, 1 up to 4/8/84, 1 on 25 and 26/9/84, 1 found dead with gunshot wounds on 26/9/84, 1 in April and May 1985, 1 near house on 3/11, 1 killed a feral pigeon on 21/5, 1 often between 4/6 and 7 July 1986 (BGJ, SCJ). Kaimanawha SF Park, 8 on 2/8; Te Haroto, a pair raised 2 chicks Dec; Poraite, 1 on 11/6; Taradale, 1 on 23/6; Te Mata Peak, 1 on 7/5 (REW). Waipawa River Forks, 2 on 23/3 (BT, J Ber). Dannevirke, 1 on 27/6 (JFF). Wanganui R, Koriniti Marae, 1 on 27/5; St Johns Hill, 1 on 11/6 (GJR). Mangahao No. 3 Dam, 2 being chased by magpies on 5/4 (MKT).

NANKEEN KESTREL *F. cenchroides*

Kaimaumu Swamp, 1 on 29/1 (JH); north of Waiuku, between Karioitahi and Walton's Gap, 1 encountered by a hangglider, it buzzed him while it hunted near over the cliffs on 18/5 (JVD). Te Mata Peak, first seen when disturbed by hanggliders on 9/5, present on 29/6 (JRW, MT, PWT).

RED-LEGGED PARTRIDGE *Alectoris rufa*

L Waikare, east side, 1 sitting on a fence on 2/1; the species has been released in the area (DS). Pollock, several seen on 27/4 (MG, SG). Pakowhai

Station, 24 hatched by Wildlife in the spring of 1984, released but returned to the pen area to take food pellets on 5/6/85, still roost in pen area but range over farm 1/7/85, now scattered up to 20 km away (BGJ, SCJ).

BROWN QUAIL *Synoicus ypsilophorus*

Paua, 3 on 28/6; Te Tii, 4 on 27/1; Okaihau, 2 on 31/3; Kaikohe SP, 7 on 11/5 (G Wat). Motukawanui I, Cavallis, common on 29/3 (TGL). Mitimiti, 4 on 28/3, 13 on 30/3 (IRD). Kaipara H, Shelly B, 7 on 3/5 (MG, SG). Parakai, 7 on 7/6 (BS). Te Arai, 2 on 16/11; Ponui I, present on 25/4 (MJT). Ness Valley, 1 on 30/11 (AJG). Maketu Spit, 1 and others heard on 9/10; Rangioru, 1 on edge of main highway on 16/2 (PCML). Mahia Pen, 4 on 10/6/84 (GAF). Pakowhai Station, a pair in citrus orchard and windbreak on 24/10, 6/1, 12/5 (BGJ, SCJ). Whangaehu E, 1 on 16/11 (PFB, OCT).

CALIFORNIAN QUAIL *Lophortyx californica*

Clevedon, present in orchard from 7/9 (AJG). Tauranga, Omanawa Rd, 3 coveys each of c.20 on 15/10 (PCML). Ohiti, 3 males on 10/10 (KVT). Foxton B, 1 pair with 5 chicks on 2/3 (JLM, MM). Moawhango, 2 on 9/2 (RAC, SEC *et al.*)

PEAFOWL *Pavo cristatus*

Mahia Pen Scenic Res, 1 and others heard on 10/6/84 (GAF).

BANDED RAIL *Rallus philippensis*

Spirits Bay, 1 on 21/2; Kohukohu; 1 on 24/2 (ASR, JMR). Tauranga Bay turn-off, 1 on roadside on 20/4 (G Wat). Coromandel Pen, Whangapoua, 1 on mudflats on 23/7 (VJL, EEP). Clevedon, Wairoa R, 8 including young on 30/3 (TRH, HH); Mataitai, 1 on 31/1 (AJG). Hamilton, 1 juv injured by a cat on 13/3 (ARP). Aotea, 1 on 6/9 (ASR, JMR). Mt Maunganui SP area, Te Maunga, 2 pairs and 3 chicks on 29/11 (KS); Te Maunga, State Highway 29, 1 or 2 at various times of the year (PCML, AM, KS); Maketu, 2 on 15/2 (RJ). Ohiwa H, edge of Wainui Rd, 2 on 2/6 (WMH).

WEKA *Gallirallus australis*

Coromandel Pen, Opito Bay, 1 on road (BB). Pakowhai, heard on 19/11 and 24/11/83, had been absent for 5 years, 3 heard in June 1984, 2 in July 1984 (BGJ, SCJ). Tolaga Bay, 4 alongside main road on 11/5, many calling at night (GAF). Pakowhai, 1 on 5/9/84, 1 heard in June 1985; for several years the population was almost non-existent but now there is a slow return including 7 released in Jan by Wildlife; 2 heard on 21/8, 1 adult and 3 well-grown young on 7/6; Gisborne, Browns B, 2 on 2/2 (BGJ, SCJ).

MARSH CRAKE *Porzana pusilla*

Kaikohe, DSIR Farm, reliably reported in swamps (G Wat). L Aniwhenua, 2 on 11/8 (WMH, PCML).

SPOTLESS CRAKE *P. tabuensis*

Karikari Pen, Whataru Bay, responded to a tape in 3 places on 18/3; Taporā, McLeans Dam, 12 responded to a tape on 12/5 (JED). Ponui I, present in 5 catchments with raupo swamp on 26/4 (BB, JED, MJT). Tiritiri I, heard frequently in swampy gullies in Nov (TGL). L Waikare, east side of Humpback Bridge, pair in wet area under willows on 6/11 (BB). L Aniwhenua, 2 on 11/8 (WMH, PCML). Gisborne, Lytton/Awapuni Rds, 1 dead on 9/9 (BGJ, SCJ).

BLACK-TAILED NATIVE HEN *Gallinula ventralis*

Opuatia swamp, 1 on 16/5 (P. Walter).

PUKEKO *Porphyrio melanotus*

L Owhareiti, 50+ on 20/4, 150+ on 8/6 (G Wat). L Poukawa, 100 on 10/7, 130 on 27/6 (KVT). L Horowhenua, 15 on 11/5 (AC, WRJ, AStd). Virginia L, 5 on 21/3 (PFB, OCT).

AUSTRALIAN COOT *Fulica atra australis*

Jack's L, 1 imm on 8/6; L Owhareiti, 1 on 20/4 (G Wat, JW). Western Springs, nest with 4 eggs on 1/9, 14 birds and 1 chick in Feb (MG, SG, RF). L Aniwhenua, 4 on 11/8 (PCML). L Taupo, Motuoapa Marina, 34 on 3/4 (WRJ). Horseshoe L, 12 on 18/5 (KVT). L Purimu, 4 on 9/3, 4 on 31/8 (BDH, HAR, CFM). L Horowhenua, 3 on 5/11 (WRJ). Waitotara, 2 on 23/11, 4 on 11/12; Westmere L, 16 on 6/7; Botanical Res, 1 on 6/12 (PFB); Virginia L, 125 on 15/7 (PFB, OCT).

SOUTH ISLAND PIED OYSTERCATCHER *Haematopus ostralegus finschi*

Paua, 36 on 14/7, 10 on 23/11, 37 on 21/1 (AVH). Port Whangarei, 300 on 15/7 (G Wat). Poutu Pen, 3 on 23/2 (PA). Whangarei H survey, 165 in Nov (MK). Manukau H census, summer 3532, winter 23 196; FoT census, summer 2054, winter 15 244. Waikato R mouth, 32 on 8/12, 33 on 14/7; Coromandel Pen survey, 884 for 30/5 to 2/6 (BB). Aotea, 622 on 8/6; Kawhia, 1600 on 8/6 (FN). Whangapoua B, 46 in July (WMH). Bowentown shellbanks, 53 on 2/11, 435 on 28/6 (BC, KWLb). Omokoroa, 7 on 28/6 (NS). Tauranga, Sulphur Point, 85 on 7/7, 34 on 2/11, 92 on 31/3 (BC, AM, KS, DGB). Little Waihi, 6 on 3/8 and 15/6 (PCML, KS); Maketu Spit, 1 on 19/10 (PCML). Ohwiwa, 139 on 1/7, 17 in Sep, 102 on 29/6 (WMH, WS). Muriwai, Wherowhero Lag, 3 on 30/7/83 (BGJ, SCJ); Muriwai Lag, 6 on 14/12 (GAF). Ahuriri E census, 11 on 13/7, 9 on 6/2 (MT, PWT). Porangahau E, 20 on 8/3, 4 on 22/6 (BDH, HAR). Wanganui E, 28 on 3/6 (PFB). Manawatu E, 23 on 30/9, 43 on 9/3, 70 on 31/3 (WRJ, RAC *et al.*).

VARIABLE OYSTERCATCHER *H. unicolor*

Spirits Bay, 21 on 28/6; Parengarenga H, 43 on 28/6; Great Exhibition Bay, 48 on 22/9; Kowhai B, 31 on 1/4; 90 Mile B, 73 on 31/5; East B, 47 on 13/9; Herekino H, 35 on 1/4 (AVH, G Wat, JW); Tom Bowling Bay, 5 on 19/2; Spirits Bay, 17 on 19/2 (ASR, JMR); Matai Bay, 2 on 1/6; Waimango Swamp, 23 on 1/6; Matauri Bay, 14 on 9/2, 8 on 21/4; Te Tii, 15 on 27/1; Tapuaetahi B, 3 on 27/1; Okura, 4 from 26/1 to 1/3, 15 on 26/6; Waitangi, 3 on 16/1, 9 on 13/7; Te Haumai, 3 on 16/1; Islet off Te Haumai, 2 with 3 juvs on 16/1 (G Wat). Poutu Pen, 12 on 23/2 (PA). Whangarei H survey, 144 in Nov (MK). Auckland Region census, 191 in June 1985, 126 in Nov; Waiwera E, 21 with 42 SIPO on 12/5 (MJT). Whatipu, pair with 2 chicks on 14/1, 12 with 2 chicks on 15/2 (JED). Manukau H, maximum 2; Clevedon vicinity, Kawakawa Bay, 6 on 13/4; Mataitai, 2 on 13/11 (BB, AJG). Waikato R mouth, Maioro, 15 on 14/7, 16 on 20/4 (AJG, BB, DGB). Karioitahi, near Waiuku, 6 on 8/9; Opoutere, 20 on 26/12, 65 on 28/3; Coromandel Pen survey, 385 for 30/5 to 2/6 (BB, JAB). Mataitai, 2 on 10/7, a subsequent nest failed (JVD, AJG). Kawhia, nesting on 26/1 (BW, DW). Whangapoua B, 86 in July (WMH). Bowentown shellbanks, 35 on 2/11, 42 on 28/6 (BC, KWLb). Sulphur Point, 12 on 2/11, 45 on 31/3 (AM, KS,

BHS); Maketu Spit, 8 pairs nesting on 19/10 and 9/11 (PCML); Maketu entrance, 33 on 3/8, 32 on 15/6 (PCML, NS); Little Waihi, 22 on 3/8, 40 on 16/11, 47 on 15/6 (PCML, KS); Otamarakau-Herepuru, 4 pairs on 14/7 (KS); Herepuru-Matata, 1 pair on 14/7 (WMH); Tararewa R mouth, 1 pair, speckles and clubfoot, present all year; Rangitaiki R mouth, 2 pairs on 14/7, 9 on 31/5 (LH, PCML). Ohope Spit, 16 on 16/11, 12 in July, 11 adults 1 full-grown juv 1 downy 2 or 3 days old on 16/3 (LH, WMH, PCML); Ohope B and Spit, 68 on 29/6; Waioeka R mouth to Hukuiwai B, 15 in July, 12 on 24/9; Motu R mouth, 1 pair on 26/10; Oruaiti B, Waihou Bay, 1 pair on 26/10; Whangaparaoa B, 1 pair on 24/8 and 27/10; Te Araroa, East Cape, 6 on 27/10 and 8/2 (WMH, PCML) Muriwai Lag, 12 on 10/10/83 (BRK); Muriwai, Wherowhero Lag, 9 on 30/7/83, 2 on 21/4/84 (BGJ, SCJ). Tolaga Bay, Pourewa I, 2 on 16/2; Tolaga Bay, 1 with white plumage with bill and legs normal colour from 23/3 to 25/6; Muriwai Lag, 2 on 14/12 (GAF). Gisborne, Browns B, 6 on 14/10/84, 2 on 16/3/85, 36 on 13/4 (BGJ, SCJ). Ahuriri E, 3 black phase on 11/5 (MT, PWT); East Clive, 1 on 12/6 (KVT). Cape Kidnappers, 1 on 1/1 (PFB). Porangahau E, 13 on 8/3, 11 on 22/6; Herbertville, 1 on 22/6 (BDH, HAR). Wanganui E, 3 on 23/8; Turakina, 2 on 19/10, 7/1, and 19/5 (PFB, OCT); Waverley, 1 on 24/11; Waitotora, 1 on 24/11, 3 on 11/12 (PFB). Manawatu E, 16 on 1/9; Wellington H, Petone to Ngauranga, maximum 8 on 18/11 (JLM, MM)

SPUR-WINGED PLOVER *Vanellus miles novaehollandiae*

Aupouri Pen survey, 43 in Jan (AVH); Te Kao, 20 on 15/4 (IRD); Paua, 7 on 28/3; Karikari Pen, 18 on 31/3; L Omaperu, 2 on 13/7; L Owhareiti, 2 on 20/4 and 8/6 (G Wat). Tikinui, 9 on 22/2; Poutu Pen, Simpson's Pond, 8 on 30/11; Poutu F farm entrance, 6 on 23/2; Swan L, 2 on 23/2 (MK). Karikari Pen, Matai Bay, 5 including 1 imm on 7/2 (MMB, VJL). FoT, Miranda Limeworks, 10 on 17/12 (BRK); Taramaire, 6 on 20/10 (SJD, ASRi). Wharekawa, 4 on 15/6; Tuakau, Frost Rd, 25 on 11/5 (TGL, RBS). Mangatawhiri, Ryburn's Lag, 50+ on 3/5; Whangamarino Swamp, north end, 60+ on 3/5 (DAL). Whangamata, Wentworth Valley, c.15 on 13/5; Paeroa, Maratoto Valley, 20+ on 13/5 (HS). Bombay, Pinnacle Hill, 10 on 9/6 (IS); smaller numbers throughout the South Auckland Region (BB). Hamilton, several over suburbs at night (ASR, ARP). Matahūi Point, 5 on 7/7 (BC); Kaituna Cut, 3 on 28/9, 8 on 30/3, 3 on 15/6 (PCML, DGB, KWLb); Tauranga, Omanawa Rd, 1 pair on 5/10 (PCML); Tararewa R mouth, 2 dive bombing an Australasian Harrier on 20/7; Kawerau SP, 1 pair on 27/8 (RMW); Matata, Awaiti Wetlands, 2 on 11/5; Rangitaiki R mouth, 1 on 31/5; L Aniwhenua, 12 on 11/8; Wainui Rd, Ohiwa, 1 on 26/10; Hick's Bay, 2 on 27/10 (PCML). Cape Runaway, Ngarue Rd, 1 in May; Te Araroa, Waikura Rd, 4 in April; Toatoa, Takuputahi R, 1 on 24/7 (WMH). Tokaanu, 2 in paddock near motor camp on 9/10 (TGL). Whakaki Lag, 2 pair 5 km inland on 17/7/83; Gisborne, Manutuke, 1 on 1/8/83; Tolaga Bay, 2, 20 km inland on 31/8/83 and had been present throughout winter; Waihua, 1 on 25/9/83; Wairoa, Wairau Lag, 2 on 5/11/83; Korito Lag, 23 on 5/11/83; Mahia B, Maungawhio Lag, 8 on 5/11/83 (GAF); Gisborne, Nicks Head Station, 1 nest on 30/7/83 (DGJ, SCJ); Mahia, Taylors Bay, 2 harassing Black-backed Gulls c.300 m offshore on 10/11/84; Dinas B, 13 flying along beach on 1/12/84; Wairoa, 8 over town on 27/2/84, smaller

numbers throughout year; Muriwai Lag, 6 on 14/12; Muriwai, 26 in paddock on 23/3; Mahia, Oraka, 2 on 28/7, 3 on 22/1; Whakaki Lag, 10 on 9/3 (GAF). Pakawhai Station, c.11 frequently in June 1985, 30 on cultivated paddock on 7/8 (BGJ, SCJ). Ahuriri E, 34 feeding in field on 28/1 (MT, PWT); Meeanee, c.100 on 19/6 (TAS); L Poukawa, 100+ on 27/6 (KVT). L Hatuma, 60 on 9/3; Porangahau E, 7 on 8/3, 9 on 22/6; Herbertville, 12 on 22/6 (BDH, HAR). Rautiti, 5 on 28/10; Waitotara, 24 on 6/1; Kai-iwi, 10 on 15/3; Taumarunui, 4 on 29/5; Wanganui R, 19 on 8/1; Parapara, 24 on 11/1 (PFB); Whangaeahu, 68 on 8/6; Turakina E, 23 on 16/11, 2 with 1 chick on 17/8 (PFB, GJR, OCT). Manawatu E, 22 on 4/8; Foxton No. 1 L, 2 with 4 chicks on 22/9; Foxton, Palmer Rd, 14 on 3/5; Moutoua, 23 on 8/6; Lower Hutt, Avalon, 3 on 13/4; Haywards Hill, west side, 2 on 22/6; Otaki, 1 on 22/6 (JLM, MM).

GREY PLOVER *Pluvialis squatarola*

FoT, Access Bay, 1 (KJF).

LEAST GOLDEN PLOVER *P. fulva*

Paua, 40 on 30/3; Karikari Pen, 194 on 31/3 (AVH); Okura, 15 on 9/2 (G Wat). Whangarei H survey, 2 in Nov (MK). Manukau H census, summer 35, but 50+ on 1/1 (BB, DS); FoT census, summer 26, but 47 on 18/1 (BB, PFB, GJE). Mataitai, 14 on 30/11 (AJG). Kaituna Cut, 36 on 6/11, 52 on 30/3 (PCML, DGB). Ohope Spit, 13 on 16/11, 23 on 1/2; Cape Runaway, Whangaparaoa, 4 on 27/10 (WMH, PCML). L Rotorua, Sulphur Bay, 1 on silica flats from 26/10 to 6/11; L Rerewhakaaitu, 22 in a flock on shallow marshland near lake on 30/11, at least 11 still present on 6/2 (RG, JGI). Wairoa R E, 5 on 5/11/83, 10 on 26/2/84; Nuhaka R mouth, 1 on 5/11/83; Mahia, Oraka, 10 on 5/11/83; Wairoa R E, 3 on 3/11/84; Muriwai L, 25 on 14/12; Oraka, 4 on 24/11, 18 on 25/4, 9 on 8/6; Wairoa E, 43 on 25/5 (GAF). Ahuriri E, southern marsh, 20 on 28/10, 40 on 7/1 (KVT). Porangahau E, 2 on 8/3 (BDH, HAR). Wanganui E, 1 on 9 and 10/11; Turakina E, 1 on 7/1 to 27/3 (PFB, OCT). Manawatu E, 34 on 29/10, 47 on 26/11, 44 on 22/12, 23 on 9/3 (MO, WRJ *et al.*).

NEW ZEALAND DOTTEREL *Charadrius obscurus*

North Cape area, 39 on 20/11; Cape Maria Van Diemen area, 28 on 21/11; Kokota Spit, 59 on 30/3; Kowhai B, 24 on 31/3 (AVH); Tom Bowling Bay, 6 including 2 at nest with 1 chick and 1 egg on 19/2; Pandora B, 13 including 1 pair with 3 juvs and 1 pair with 4 juvs on 19/2; Te Werahi B, 6 on 23/2 (ASR, JMR); Tauranga Bay, 3 on 20/4; Te Ngaere Bay, 1 on 9/2; Okura, 3 on 26/1, 12 on 2/2, 14 on 22/3, 24 on 26/6 (G Wat); Matauri Bay, 13 on 21/4; Onerahi Airport, 6 on 8/4, 22 on 24/5, 24 on 28/6; Poutu, 5 on 23/2 (PA). Whangarei H survey, 9 in Nov (MK). Auckland Region census, 166 in June 1985, 111 in Nov (MJT); Wade R, pair with 3 chicks and pair with 2 chicks on 31/12; Whatipu, 8 with 2 chicks on 15/2 (JED). Waiheke I, Te Matuku Bay, 23 with 3 chicks on 30/1 (BS). Manakau H census, summer 15, winter 21 (BB); Karaka, 17 on 4/9, 3 pairs nesting in Sep, Oct, 3 chicks on 20/10, a 3 egg nest and 1 running chick on 11/11, a nest and 3 eggs on 13/12 (RJHC, SJD, ASRi, KJF, JU, BW). FoT census, summer 16, winter 19; Miranda, 2 pairs each with 1 juv on 31/12; Taramaire, 5 on 15/6; Access Bay, 8 on 29/6 (BB, SJD, ASRi). Waikato R mouth, 4 and

2 chicks on 8/12 (AJG). Coromandel Pen survey, 92 for 30/5 to 2/6 (BB). Port Waikato, 9 on 15/3 (MG, SG); Kawhia, 5 on 8/6 (FN); Taharoa, nesting (ASR, JMR, ARP). Bowentown B, 1 pair with eggs about to hatch on 20/11, 6 on 28/6; Sulphur Point, 16 breeding on 2/11, 55 on 29/3 and 31/3, 38 on 28/6 (BC, AM, KS, DGB, BHS). Maketu Spit, 21 on 19/10, 8 pairs nesting on 9/11, 24 on 15/6 (PCML); Maketu entrance, 1 pair nesting on beach near marae; Little Waihi, 4 pairs on 16/11; Otamarakau to Herepuru Stream, 5 pairs on 14/7 (KS); Tarawera R mouth, 1 pair on 11/5 and most of the rest of the year (PCML); Rangitaiki R mouth to Whakatane Airport, 2 pairs on 14/7 (LH). Ohope Spit, 16 on 16/11, 30 on 1/2, 51 on 16/3, 44 on 29/6; Waioeka R mouth, 4 on 24/8; Waiaua R E, 12 on 8/7, 8 on 28/11; Whangaparaoa B, 4 on 24/8, 4 breeding on 27/10, 2 on 7/2; Hick's Bay, 2 on 26/10 looked as though they were going to nest; Motu R mouth, Stoney B, 1 pair with eggs (PCML, WMH).

RINGED PLOVER *C. hiaticula*

FoT, 1 overwintered; it frequented the coast from the Miranda Limeworks to Taramaire; it was well coloured and had a yellow base to its bill when last seen on 19/10 (BB, BHS).

BANDED DOTTEREL *C. bicaudatus*

Te Werahi B, 4 on 23/2 (ASR, JMR); Parengarenga H, 87 on 14/7; East B, 18 on 18/8; Waimango Swamp, 31 on 2/11; North Cape area, 14 on 20/11; Paua, 750 on 30/3; Houhora H, 271 on 31/3; Karikari Pen, 800+ on 31/3 (AVH, RJP). Okura, 5 on 1/3 (G Wat). Onerahi Airport, 482 on 8/4, 505 on 24/5, 335 on 28/6 (PA); Whangarei H survey, 85 in Nov (MK). Whatipu Lag, 25 on 25/5 (TGL); Manukau H census, summer 9, winter 21 (BB); Karaka, an unusually high tally of 292 on 30/3 (VJL); FoT census, summer 2, winter 68; Miranda Limeworks, 113 on 11/4; Kawakawa Bay, 8 on 11/4; Mataitai, 28 on 11/4 (RJP, BB). Coromandel Pen survey, 176 for 30/5 to 2/6 (BB). Great Mercury I, 15 on 14/6 (TH). Clevedon E, 101 on 10/7 (JVD, AJG). Aotea, 120 on 14/3 (PB); Kawhia, 105 on 18/8, 422 on 8/6 (ASR, FN). Bowentown B, 21 on 28/6 (BC, KWLB). Sulphur Point, at least 2 pairs nesting on 3/11, 43 on 28/6 (KS, AM); Tauranga Airport, c.250 on 15/6 (NS); Kaituna Cut, 2 on 17/8 (BHS); Otamarakau to Herepuru Stream, 11 on 14/7 (KS); Herepuru to Matata, 1 pair on 14/7; Ohope Spit, c.25, one nest found on 16/11, c.300 on 1/2, c.400 on 16/3, c.350 on 29/6; Rangitaiki R E, 30 on 11/5; Whakatane R, Ruatoki, 1 on 11/1; Wairoa R, 1 on 28/11, Motu R E, at least 4 pairs nesting on 26/10; Whangaparaoa B, 3 pairs nesting on 27/10, 10 on 7/2, 9 on 13/5; Hick's Bay, 3 pairs nesting on 27/10 (PCML, WMH). Mt Tarawera, 1 nesting pair near airstrip on 15/11 (JGI). L Rotorua, Sulphur Bay, 12 on silica flats including 4 breeding pairs (JGI, RG). Wairoa R E, 6 on 5/11/83, 27 on 26/2/84, 42 on 25/4/84 (GAF). Muriwai, Wherowhero Lag, 1 on 30/7/83; 1 on 24/10/83, 9+ on 21/4/84, (BGJ, SCJ); Muriwai Lag, 5 on 14/12; Oraka E, 4 on 24/11, 11 on 6/4, 9 on 8/6; Whakaki Lag, 18 on 25/4; Wairoa E, 43 on 25/5 and 1/6 (GAF); Gisborne, Browns B, 8 on 14/10/84, c.5 on 28/1/85, c.9 on 2/2, 2 on 13/4 (BGJ, SCJ). Tutakuri R, 10 on 30/1, 18 on 1/2 (MT, PWT); Havelock North, Waipatu, c. 65 in field with fine tilth on 16/3 (KVT, MTC, JLL, CFM); Tukituki R, 14 km from E inland, 143 on 29/10 (RJP); Mangatahi, 6 on 7/6 (MT, PWT), L Hatuma,

36 on 9/3; Porangahau E, 141 on 8/3, 68+ on 22/6 (BDH, HAR). Wanganui E, 16 on 19/5; Wanganui South B, 2 on 30/11, 30 on 1/6; Whangaehu E, 5 on 16/10, 10 on 8/6; Turakina E, 13 on 19/10, 60 on 8/3 (PFB, OCT). Manawatu E, 100+ on 1/3, 28 on 9/3, 55+ on 19/4 (JLM, MM *et al.*); Rangitikei E, 50+ on 29/3 (LJD).

MONGOLIAN DOTTEREL *C. mongolus*

Miranda Limeworks, 1 associating with 5 Spur-winged Plovers on 2/1; still there on 27/4 (DS, SJD, ASRi). Manukau H, Karaka, 1 on 10/1 (DAL). Porangahau E, 1 on 8/3, 1 on 22/6 (BDH, HAR).

LARGE SAND DOTTEREL *C. leschenaultii*

FoT, Taramaire, 1 on 7/9, also at Access Bay where it was last on 19/10 (SJD, ASRi, BB), Manukau H, Karaka, 1 on 13/12 (JU).

BLACK-FRONTED DOTTEREL *C. melanops*

Matata Lag, 1 on 3/8 and 22/8 (PCML, RMW). Ahuriri E census, 27 on 13/7, 13 on 28/1; Tukituki E, 6 on 24/5; Mangatahi, 10 on 7/6 (MT, PWT); Waitangi census, 23 on 13/7 (KVT); Tukituki R, 14 km from E inland, 27+ on 29/10 (RJP); Hurimoana Swamp, 64+ on 26/4 (JGH); Glenmore Station, The Pigsty, c.40 feeding around wetland edge on 21/8 (RP). Porangahau E, 14 on 8/3, 6 on 22/6 (BDH, HAR). Whangaehu E, 3 on 23/11, 1 on 7/1, 1 on 28/6; Turakina E, 8 on 24/8, 6 on 7/1, 16 on 8/3, 5 on 28/5 (PCB, OCT). Omanaku Lag, 7 on 5/4 (AC, WRJ, MO, MO).

WRYBILL *Anarhynchus frontalis*

Great Exhibition Bay, 8 on 17/8; Kokota Spit, 12 on 23/11; Waimango Swamp, 3 on 13/3; Paua, 52 on 29/3 (AVH, JED). Manukau H census, summer 2, winter 1184; FoT census, summer 15, winter 1400; Taramaire, 2000 on 3 separate counts (BB). Aotea, 1 on 8/6; Kawhia, 1 on 8/6 (FN); Taharoa, 1 on 8/1 (SCn). Bowentown shellbanks, 2 on 28/6 (BC); Sulphur Point, 4 on 2/11, 120 on 31/3, 49 on 28/6 (KS, BHS, AM); Ohope Spit, 1 on 1/2 and 16/3 (PCML). L Rotorua, Sulphur Bay, 1 on 1/3 (RG). Wairoa R E, 1 on 5/11/83, 1 on 25/4/84 (GAF). Muriwai Lag, 42 on 1/8/83 (BRK); Muriwai, Wherowhero Lag, 38 on 30/7/83 (BGJ, SCJ); Kihitu, 6 on 6/2 (GAF). Porangahau E, 33 on 8/3, 40 on 22/6 (BDH, HAR). Wanganui E, 1 on 10/11, 3 on 10/1, 1 on 15/3; Turakina E, 2 on 19/10 and 16/11, 4 on 7/1 (PFB, OCT, GJR). Manawatu, 9 on 8/2, 14 on 9/3, 19 on 21/7 (LJD *et al.*).

FAR-EASTERN CURLEW *Numenius madagascariensis*

Paua, 2 on 14/7, 3 on 20/10, 1 on 26/1, 4 on 30/3 (AVH, G Wat, JS, MS). Manukau H census, winter 2 (BB); Karaka, 4 on 20/10, 2 on 11/11, 5 on 1/1, 7 on 10/1 (KJF, GJE, RBS, PS, DS, DAL); FoT census, summer 6, winter 3, 9 on 2/2, 10 on 17/2, 2 on 27/6, one of which was seen to swallow a crab (SJD, ASRi, BRK, BHS). Ohope Spit, 1 on 2/10 (WMH). Manawatu E, 1 from 12 Oct to 8 Nov, 2 from 9 Nov to 9 Feb, 1 on 9/3 (CRS, PMS *et al.*).

ASIATIC WHIMBREL *N. phaeopus variegatus*

Paua, 32 on 26/1; Rangaunu H, Walker I, 27 on 7/7 (AVH). Karaka, c.30 on 1/1 (DS); Manukau H census, winter 4; FoT census, summer 47, winter 3; Access Bay Spit, newly arrived on 21, 22/9 and on the latter date

2 flocks of 24 and 6 were counted early in the day but later c.40 recorded (BB). Kawhia, 3 on 8/6 (FN). Kaituna Cut, 3 on 19/10, 5 on 14/12, 2 on 26/1 and 30/3 (PCML, JLM, MM, DGB); Ohope Spit, 2 on 16/11, 3 on 1/2 (WMH). Wairoa R E, 1 associating loosely with Bar-tailed Godwit on 16/12/84 (GAF). Wanganui E, 1 calling in flight with Spur-winged Plovers on 4/2 (PFB).

WHIMBREL sp.

Ahuriri E, 1 uttering a 4 note call in flight on 28/10 (KVT).

LITTLE WHIMBREL *N. minutus*

Paua, 1 on 30/3 (G Wat, JW, AVH).

ASIATIC BLACK-TAILED GODWIT *Limosa limosa*

FoT, Access Bay, 4 being chivvied by Bar-tailed Godwits on 2/1 (GA, DS); Miranda, 2 on 18/1 (PFB, GJE); Limeworks, 1 on 27/4 (ASRi). Manukau H, Karaka, 1 on 10/1, 3 on 21/1 (DAL, HM, PFB, AJG); Urquharts Farm, 2 in autumn (DU). Kaituna Cut, 2 on 19/10 (PCML); Sulphur Point, 1 in breeding dress on 29/3 (BC).

BAR-TAILED GODWIT *L. lapponica*

Parengaenga H, main arrival 4, 5/10 (BN); Okura, 2 on 26/1, 1 on 22/3 (G Wat). Poutu, 23 on 23/2 (PA). Whangarei H survey, 3206 in Nov (MK). Manukau H census, summer 10 693, winter 2116; FoT census, summer 7157, winter 373 (BB); Karaka, 4000 on 10/1 (DAL); Access Bay, 1200 in three overwintering flocks on 22/9, also 2 other flocks sleeping over the high water period, 1 having arrived on 21/9 and the other on 22/9; Pukorokoro Creek, 6000 the maximum for a FoT roost on 9/2. Coromandel Pen survey, 130 for 30/5 to 2/6 (BB). Aotea, 239 on 8/6; Kawhia, 362 on 8/6 (FN). Bowentown shellbanks, c.3000 on 2/11, 160 on 28/6 (NS); Matahui Point, 355 on 28/6 (PCML); Omokoroa, 25 on 28/6 (NS); Sulphur Point, 1500 on 3/11, 32 on 28/6, 180 on 31/3 (KS, AM, BHS); Kaituna Cut, 130 on 28/9, 489 on 19/10, 500 on 14/12, c.600 on 26/1 (PCML, JLM, MM); Maketu, 36 on 15/6; Tarawera R mouth, 1 on 29/6 (KWL B, NS); Rangataiki R mouth, 1 on 6/11; Ohope Spit, c.4000 on 16/11, c.3000 on 16/3, 320 on 29/6; Waiau R E, 5 on 28/11; Waihou Bay, Oruaiti B, 1 on 26/10; Whangaparaoa B, 4 on 27/10; Hick's Bay, 1 on 27/10 (PCML, WMH). Wairoa R E, 60 on 5/11/83, 140 on 29/12/83, 1 on 25/4/84; Whakaki Lag, 8 with unidentified whibrel on 5/1/84; Nuhaka R mouth, 1 on 5/11/83; Mahia, Oraka, 32 on 5/11/83 (GAF). Muriwai Lag, 200 on 5/12/83 (BRK); Muriwai, Wherowhero Lag, 23 on 30/7/83, 200 + on 9/10/83, 200 + feeding on mudflats on 24/10/83, c.20 on 21/4/84 (BGJ, SCJ). Wairoa R E, 170 on 3/11/84, 188 on 16/12/84, 7 on 8/4/85, 107 on 29/9, 11 on 25/5, 6 on 1/6; Muriwai L, 226 on 14/12; Oraka 14 on 2/11, 30 on 17/1, 27 on 8/6; Whakaki L, 208 on 9/3; Kihitu L, 51 on 6/2 (GAF). Gisborne, Browns B, 38 on 28/1/85, 82 on 16/3/85, c.35 on 2/2, 20 + 13/4 (BGJ, SCJ). Ahuriri E census, 75 on 13/7, 223 on 6/10, census 372 on 23/11, 400 + on 7/1 (MT, PWT, KVT). Porangahau E, 145 on 8/3, 38 on 22/6 (BDH, HAR). Manawatu E, 173 on 30/9, 515 on 26/11, 426 on 19/3 (WRJ, MO, RAC, SEC, LJD). Wanganui E, 3 on 17/8, 127 on 10/11, 25 on 28/6; Turakina E, 15 on 19/10, 17 on 16/11, 3 on 27/3; Whangaehu E, 1 on 19/10, 8 on 23/11, 1 on 1/2 (PFB, OCT).

GREENSHANK *Tringa nebularia*

Matahui Point, 1 on 28/6 (PCML).

WANDERING TATTLER *T. incana*

Karikari B, 1 on 2/11, 27/1 and 15/3 (AVH, JED).

SIBERIAN TATTLER *T. brevipes*

Paua, 1 on 29/3 (G Wat). FoT, Limeworks, 1 a pale bird on 16/2; when last reported, its flanks were becoming barred, on 19/5 (BB, DGB, BC).

TATTLER sp.

Ohope Spit, 1 on 29/6 (PCML); Te Araroa, 1 on 27/10 (KS)

TEREK SANDPIPER *Xenus cinereus*

Karaka, 1 on 21/1 (PFB, AJG); FoT, Access Bay, 1 on 22/9, 2 on 19/10, 3 on 7/11, 2 on 27/1 and 15/3 (BB *et al.*). Muriwai Lag, 1 with wrybills on 5/3/84 (BRK). Wairoa R E, 1 on 25/12/84 (GAF). Ahuriri E, southern marsh, 1 on 15/12 (KVT).

TURNSTONE *Arenaria interpres*

Henderson Bay, 10 on 28/9; Paua, 409 on 5/10; Waimango Swamp, 45 on 2/11; Aupouri Pen survey, 122 in Jan; Parengarenga, 743 on 30/3; Houhora H, 271 on 31/3; Parengarenga, 751 on 28/6 (AVH, RJP, G Wat); Karikari Pen, 500 2 km inland on 31/3; Okura, 1 on 9/2, and 22/3 (G Wat). Whangarei H survey, 36 in Nov (MK). Manukau H census, summer 252, winter 115; FoT census, summer 94, winter 28 (BB); Karaka, 400 on 10/1 (DAL); Miranda Limeworks, 29 on 18/1; Access Bay, c.500 on 18/1 (PFB, GJE). Coromandel Pen survey, 2 for 30/5 to 2/6 (BB). Bowentown shellbanks, 250 on 2/11, 85 on 28/6 (BC, KWLb); Kaituna Cut to Maketu, 8 on 28/9, 18 on 19/10, 40 on 16/11, 3 on 15/6 (PCML, NS). L Rotorua, Sulphur Bay, 1 on 5/12 (RG, JGI). Wairoa R E, 2 on 16/12/84 (GAF). Westshore, 1 on 15/5 (ALH); Waitangi, 1 on 1/11 (KVT). Manawatu E, 2 on 14/11, 2 on 2/2, 4 on 31/12 (WRJ, MO, PFB, JLM, MM). Turakina E, 1 on 7/1 (PFB, OCT).

KNOT *Calidris canutus*

Karikari Pen, Waimango Swamp, 228 on 27/1, 112 on 13/3 (JED). Whangarei H survey, 3849 in Nov (MK). Manukau H census, summer 16 746, winter 3040; FoT census, summer 4461, winter 700. Coromandel Pen survey, 32 for 30/5 to 2/6 (BB). Whangapoua, 60+ on 4/5 (EEP); Clevedon E, Mataitai, 93 on 30/11; South Duder's Point, c.100 on 30/11, 900 on 22/3 (AJG, MG, SG). Bowentown shellbanks, 10 on 2/11 (BC); Kaituna Cut to Maketu, 4 on 12/10, 6 on 19/10, 74 on 17/11, 6 on 15/6 (PCML, NS); Little Waihi, 14 on 16/11 (KS); Tauranga H, Matahui, 10 on 3/11; Ohope Spit, 6 on 16/11, 2 on 1/2; Hick's Bay, 1 on 27/10 (PCML, WMH). Muriwai Lag, 5 on 7/11/83 and 5/12/83 (BRK); Kihitu Lag, 4 on 6/2; Wairoa E, 1 on 29/9 (GAF). Ahuriri E census, 14 on 23/11, 15 on 28/12, 2 on 12/1 (KVT, PFB, MT, PWT); Waitangi, 2 on 29/12 (PFB); Tukituki E, 16 on 23/11 (KVT). Wanganui E, 24 on 21/11, 1 on 11/2 and 2/5 (PFB, OCT, GJR); Turakina E, 3 on 16/11, 1 on 7/1 (PFB, OCT). Manawatu E, 167 on 14/11, 220 on 9/2, 112 on 9/3 (MO, MO *et al.*).

GREAT KNOT *C. tenuirostris*

Wanganui E, 1 on 1/2 (PFB, OCT).

SHARP-TAILED SANDPIPER *C. acuminata*

Waimango Swamp, 15 on 2/11, 14 on 27/1, 14 on 13/3 (JED, AVH). Onerahi Airport, 2 on 7/5 (PA). Manukau H census, summer 18; FoT census, summer 40 (BB). Kaituna Cut, 1 on 7/9, 8 on 30/11, 6 on 16/2, 5 on 30/3 (BHS, PCML, RJ, DGB). L Rerewhakaaitu, 1 from 29/12 to 6/1 (RG, GPG, JGI). Muriwai Lag, 4 on 14/12 (GAF). Ahuriri E census, 5 on 23/11, 3 on 2/1 (KVT, MT, PWT). Porangahau E, 2 on 8/3 (BDH, HAR). Manawatu E, 1 or 2 from 30/11 to 2/3, 6 on 9/3 (CRS, PMS, *et al.*).

PECTORAL SANDPIPER *C. melanotos*

FoT, Access Bay, 1 on 20/10 (SJD, ASRi). Kaituna Cut, 1 on 16/11 (PCML). Ahuriri E, southern marsh, 2 on 3/11, 1 on 2/1 (MT, PWT). Porangahau E, 2 on 8/3 (BDH, HAR). Turakina E, 2 on 1/2, 1 on 23/3 (PFB, OCT). Manawatu E, 1 on 1 and 2/3 (JLM, MM).

CURLEW SANDPIPER *C. ferruginea*

Paua, 1 on 14/7 (AVH). Manukau H census, summer 3, winter 2; Karaka, maximum 3; FoT census, summer 3 (BB); Access Bay, 15 on 20/10 (SJD, ASRi); Taramaire, 18 on 16/3 (BB, DGB, SJD). Kaituna Cut, 1 on 19/10 (PCML). Wairoa R E, 1 on 16/12 and 25/12/84; Muriwai L, 3 on 14/12 (GAF). Manawatu E, 1 on 1, 11 and 18/1 (JLM, MM).

RED-NECKED STINT *C. ruficollis*

Paua, 25 on 29/3 (G Wat, AVH); Waimango Swamp, 3 on 2/11, 2 on 15/3 (AVH, JED). Manukau H census, summer 20, winter 1; Karaka, 10 on 18/8 (BB, KJF); FoT census, summer 3, winter 1, but 4 overwintered; 1 in full breeding plumage following another through a Wrybill flock with head lowered and tail fanned chattering excitedly on 23/8; max 9 on 19/10, 6 on 15/3, 1 with very rufous collar (BB, BC, BHS). Kaituna Cut, 2 on 28/9, 3 on 16/11, 6 on 30/11 (PCML). Ahuriri E, southern marsh, 2 on 17/11 (ALH, ACS, MT, PWT). Porangahau E, 11 on 8/3, 4 on 22/6 (BDH, HAR).

SANDERLING *C. alba*

Tukituki R, near Tennant Rd, 1 on 29/10 (RJP).

RUFF *Philomachus pugnax*

L Poukawa, 1 on 1/11 (RP, H Rook).

PIED STILT *Himantopus himantopus leucocephalus*

Paua, 200 on 29/3; Okura, 84 on 26/1, 220 on 7/2, 270 on 1/3, 100 on 26/6 (G Wat). Whangarei H survey, 87 in Nov (MK). Manukau H census, summer 1006, winter 2278; Karaka, 386 on 21/7, 20 on 8/2 (BB, SJD, ASRi); FoT census, summer 736, winter 5234; Miranda to Taramaire, 635 on 4/8; Limeworks, 335 on 9/2; Pukorokoro Creek, 300 on 9/2. Coromandel Pen survey, 323 for 30/5 to 2/6; Opoutere, 120 on 28/3 (BB). Aotea, 232 on 8/6; Kawhia, 278 on 8/6 (FN). Matahui Point, 248 on 28/6; Kaituna Cut, 17/11, 2 adults dive bombing an adult stoat which had a three-quarter grown kitten with it; the birds were attacking so intensely that the adult stoat sat up on its hind legs, considered the situation and then continued in a different direction; 310 on 30/3; Sulphur Point, 65 on 31/3 (PCML, DGB). Waiotahi E, 12 in June 1985; Waiaua R E, 37 in July; Whangaparaoa B, 16 in May (WMH). Wairoa R E, 6 on 5/11/83, 190 on 29/1/84, 41 on 25/4/84; Mahia, Maungawhio Lag, 15 on 18/12/83 (GAF). Muriwai, Wherowhero

Lag, c.116 on 30/7/83, c.9 on 21/4/84 (BGJ, SCJ); Tolaga Bay E, 18 on 11/5; Mahia, Oraka, 32 on 24/11, 45 on 6/4; 33 on 8/6; Whakaki Lag, 584 on 9/3, 26 on 25/4; Kihitu Lag, 26 on 29/9, 27 on 6/2; Wairoa E, 61 on 25/5, 68 on 1/6 (GAF). Gisborne, Browns B, 1 on 14/10/84, 2 on 16/3/85, 44 on 13/4 (BGJ, SCJ). Ahuriri E, 940 on 13/7, census 365 on 23/11, 550 on 30/3 (KVT, MT, PWT); Puketapu census, 220 on 13/7; Waimarama, 56 on 13/7; L Poukawa, 500 on 13/7 (KVT); Tukituki R, 14 km from E inland, 104 on 29/10 (RJP). Porangahau E, 151 on 8/3, 112 on 22/6 (BDH, HAR). Wanganui E, 106 on 10/11; Turakina E, 49 on 28/6 (PFB); Whangaehu E, 30 on 8/6 (PFB, OCT). Manawatu E, 210 on 6/7, 335 on 3/5; Whirokino, 100 on 3/8; Wellington H, Petone to Ngauranga, 1 on 18/7 (JLM, MM).

BLACK STILT *H. novaeseelandiae*

FoT, Miranda Limeworks, 3 hybrids with heavy black collars and 4th with a deep black gorget and heavy patches on flanks on 7/7 (BB). Miranda paddocks, 27/6, about one-third showed hybrid characteristics in a flock of 100 Pied Stilts, i.e. black on back of neck, continuous with black on back and complete or almost complete neckband. Miranda, 1 mainly black with a white face and a white belly black-speckled; another had a white face, crown and neck but the ear coverts were black through to eye and lower breast, belly white on 15/3 (BHS). Manurewa, Puhinui, 1 all black but for small white patch around bill and about 3 white feathers either side of tail; it was very agitated and did broken wing display; a pair of Pied Stilts nearby were being harassed on 23/10 (GD). Kawhia, 4 with 9 hybrids on 8/6 (FN). Matahui Point, 2, 1 pure black the other with white undertail coverts on 28/6 (PCML). Manawatu E, 1 hybrid on 1/3 (JLM, MM).

ORIENTAL PRATINCOLE *Glareola maldivarum*

Jordans Farm, 1 on 30/11 (DFB, SC, BS, CE).

SOUTHERN GREAT SKUA *Stercorarius skua*

Foxton B, 2 passing north on 24/12 (JLM, MM).

POMARINE SKUA *S. pomarinus*

Karikari B, 1 chasing White-fronted Terns on 15/3 (G Wat). Off Kihitu, 5 birds, 3 dark and 2 light phase among birds working a kahawai school on 6/2 (GAF). Foxton B, 1 on 24/12 (JLM, MM).

ARCTIC SKUA *S. parasiticus*

Rangunu H, 3 on 4/2 (MMB, VJL); Kaikai B, 5 chasing White-fronted Terns on 25/2 (ASR, JMR). Tauranga Bay, 3 on 20/4 (G Wat). Whatipu, 8 on 14/1 (JED). Hauraki Gulf, particularly common on 28/2 (KB). Kawau I, Maori Passage, a flock of 7 on water on 1/4 (TGL). Little Barrier I, 1 pursuing White-fronted Terns and Fluttering Shearwaters on 30/3; Kawau I, 1 on 14/5; Motuihe I, 4 on 23/1 (PFB). FoT, Access Bay Spit, c.25 chasing White-fronted Terns off the spit on 7/12 (RJHC, JED). Raglan, 1 light phase on 8/12 (ARP, ASR, RM). Whakaki, 1 harassing White-fronted Terns often flying low along the beach on 17/11/83; Wairoa, off Kihitu, 2 in dark phase among birds working a kahawai school on 6/2 (GAF). Clifton 7, 3 light, 2 dark, and 2 intermediate phase on 28/12; Wanganui, 1 on 9/2, 3 on 11/2; Tangimoana, 3 on 8/3 (PFB). Foxton B, 6 on 26/1 (JLM, MM).

SKUA sp.

Raglan, 2 besides an Arctic Skua on 8/12 (ARP, ASR, RM). Wellington H, Ngauranga to Somes I, 2 on 26/3, 1 on 27/3 and 8/4 chasing White-fronted Terns (JLM, MM).

BLACK-BACKED GULL *Larus dominicanus*

Onerahi Airport, 32 on 24/5, 38 on 8/6 (PA). Manukau H census, summer 406, winter 558; FoT census, summer 18, winter 33 (BB). Wairoa, Ngamotu Lag, 119 nests on shingle bar on 5/11/83; Wairoa R E, c.550 on 26/2/84, c.800 on 25/4/84 (GAF). Muriwai, Wherowhero Lag, c.20 on 30/7/83, 250+ on 21/4/84; Gisborne, Browns B, c.300 on 14/10/84 and 28/1/85, 12 on 2/2 (BGJ, SCJ). Waitangi, c.600 on 25/5 (MT, PWT); East Clive, 1000 on 7/6; Tukituki E, 450 on 28/1 (KVT). Cape Kidnappers, 2 km west of Black Reef, 30+ nests on 30/12. Wanganui E, 1000 on 1/6 (PFB). Foxton B, colony near No. 3 L, 150 nests on 9/11. Wellington H, just south of Petone, 2 pairs breeding, observations 10/12 to 27/2 (JLM, MM).

RED-BILLED GULL *L. novaehollandiae scopulinus*

Onerahi Airport, 3 on 8/4, 7 on 7/5 (PA). Auckland, Mission Bay, perching on a power line on 5/4 (MJT). Manukau H census, summer 204, winter 3004; FoT census, summer 18, winter 648. Coromandel Pen, Paku I colony, abandoned on 27/11; Opoutere, Hikanui I, 81 sitting on 26/12 (BB, DGB). Maketu Spit, c.30 and 20 nests on 19/10 but by 9/11 all had disappeared; Motu R mouth, c.50 pairs nesting on shingle bank on 26/10 (PCML); Ohope Spit, c.30 nests on 31/12, 20 adults with 2 live and 1 dead downy young on 1/2 (RMW, PCML). Napier, Marine Parade, c.1300 a mixed flock of Red-billed and Black-billed Gulls on 21/6 (MT, PWT); Waitangi census, 440 on 13/7, Tukituki E census, 237 on 13/7 (KVT).

BLACK-BILLED GULL *L. bulleri*

FoT census, summer 183, winter 99 (BB). Matahui Point, 9 on 7/7, 12 on 28/6 (BC, PCML); Little Waihi, 2 on 3/8; Rangitaiki R mouth, c.30 on 31/5; Tararewa R mouth, 10 on 14/7, 6 on 11/5 (PCML). Whakaki Lag, c.300 on 9/3 (GAF). Gisborne, Browns B, 1 on 14/10/84 (BGJ, SCJ). L Poukawa, 200 on 10/7 (KVT). Wellington H, off Ngauranga, 1 on 2 and 27/5 (JLM, MM).

WHITE-WINGED BLACK TERN *Chlidonias leucopterus*

Okura, 1 in near full breeding plumage on 26/6 (G Wat). Motu R mouth, 1 possibly of this species on 28/10 (BC). Manawatu E, 1 on 9/3 (LJD *et al.*).

GULL-BILLED TERN *Gelochelidon nilotica*

Ahuriri E, 1 being harassed by a Caspian Tern on 6/7, 1 on 28/10, 1 in breeding plumage on 30/3 (MT, PWT, KVT). Wanganui E, 1 from 6/12 to 31/12 (GJR, PFB).

CASPIAN TERN *Hydroprogne caspia*

Okura, 8 on 26/4; Te Haumai, 10 on 16/1, c.47 roosting on 13/7; L. Omopere, 3 on 13/7; Port Whangarei, 30 on 15/7 (G Wat). Poutu, 23 on 23/2 (PA). Whangarei H survey, 53 in Nov (MK). Mangawhai Spit, 120 nesting pairs on 19/10, the colony was fenced for protection, c.70 young fledged Nov to Jan; Shoal Bay, a solitary pair reared one chick; Tamaki E,

post-breeding flock of 31 on 12/2 (MJT); South Kaipara Head, 57 on 27/11 but no colony established (CJ); Mangere SP, 35 on 27/1, 40 on 27/4 (CS, JED). Manukau H census, summer 55, winter 35; FoT census, summer 28, winter 49; Coromandel Pen survey, 356 for 30/5 to 2/6 (BB). Karaka, 56 on 21/6 (PFB, AJG). Waikato R mouth, colony 178 adults, 42 + chicks, 11 + sitting on 8/12 (AJG). Bowentown shellbanks, c.50 nesting on 2/11, 39 on 28/6 (BC); Matahui Point, 18 on 3/11, 11 on 28/6 (PCML); Sulphur Point, 22 on 3/11, 114 on 31/3 (KS, BHS); L Aniwhenua, 14 on 11/8 (PCML); Matahina L, 3 on 15/9; Ohakuri, Waikite Valley, 4 on 15/9; Whakatane R E, 4 on 2/7 (WMH); Ohope Spit, 36 with some running chicks on 31/12, 40 on 16/11, 27 with 9 chicks on 7/1, 30 with young varying from fledged to downy on 1/2 (RMW, WMH, PCML); Waioeka R mouth spit, 1 nest with 1 egg on 3/11 (WMH). Turangi SP, 1 with full black cap and 2 with smudgy cap on 12/10 (JGI). Muriwai, Wherowhero Lag, 2 on 30/7/83; Gisborne, Browns B, 1 on 16/3/85, 2 on 13/4 (BGJ, SCJ). Ahuriri E, 28 on 30/3 (MT, PWT); Tukituki E, 17 on 7/6 (KVT); Maraetotara R mouth, 5 on 3/6 (BT). Wanganui E, 3 on 2/2; Whangaehu E, 1 on 8/6; Turakina E, 2 on 8/6 (PFB, OCT). Manawatu E, 8 on 9/3, 19 on 16/3 (JLM, MM *et al.*).

ARCTIC TERN *Sterna paradisaea*

Mt Maunganui B, 1 freshly dead on 20/11 (KF, PCML).

BLACK-FRONTED TERN *S. albobristata*

Matahui Point, 3 on 7/6 (BC); Tarawera R mouth, 3 on 11/5 (PCML); Rangataiki R mouth, 25 on 14/7, 6 on 11/5, 11 on 31/5, 6 on 29/6; Awaitei, 25 feeding in field of cattle and roosting on fence posts, on 29/6 (PCML, AM). Opoutama B, 1 resting during a southeast gale on 28/7 (GAF). Napier, Marine Parade, 33, one first-year on 6/7, 2 on 20/4, 40 on 14/6, including Waitangi and Tukituki E a total of 48 with 6 first-years on 24/5 (MT, PWT); Waitangi, 1 on several occasions over summer (KVT). Manawatu E, singles on 21/7 and 2/3 (JLM, MM).

FAIRY TERN *S. nereis*

Mangawhai Spit, 2 pairs on 19/10, 2 nests each with 2 eggs on sand island; one chick fledged from each by 3/2 (MJT, SD). South Kaipara Head, nest with 2 eggs on 19/11 but not successful (CJ). FoT, north of Access Bay, 1 on 10/7; it showed more black on the head and bill had become yellowish on 23/8 (BC).

LITTLE TERN *S. albigrons*

Rangaunu H, Walker I, 66 on 5/12 (AVH). Whangarei H survey, 3 in Nov (MK). Manukau H census, summer 4, the maximum for the year (BB); FoT census, summer 6, 12 + on 20/11, 2 with one pale and the other in full breeding dress on 29/5 (BB, BC). Kaituna Cut to Maketu, 2 on 9/11 and 14/2 (PCML); Kaituna Cut, 1 imm on 26/1 (JLM, MM). Waipaoa R mouth, 1 with c.50 White-fronted Terns on 7/11/83 (BRK). Napier, Marine Parade, 1 on 25/5, 1 roosting with mixed flock of gulls and terns on 8/6 (MT, PWT); Waitangi, 2 on 29/12 (PFB). Wanganui E, 2 on 14/11, 4 on 26/11, 5 from 6/12 to 19/5 (PFB, GJR); Whangaehu E, 1 on 6/11 (PFB, OCT). Manawatu E, 1 from 9/11 to 11/1 (JLM, MM).

WHITE-FRONTED TERN *S. striata*

Matauri Bay, 200 on the beach and 500 offshore on 20/4; Waitangi, c.200 on 13/7; Paihia, 60 on 16/1 (G Wat). South Kaipara Head, 300 on 1/12, colony of c.90 pairs in Dec (CJ); Muriwai, c.80 nests on cliff ledges and c.30 nests on the stack on 28/12; Okahu Bay, Waitemata H, nesting colony of c.200 pairs on wave screen in Nov, chicks on 26/12; Whatipu, c.120 courtship display on 29/11 but colony disturbed, flock of 170 on 15/3, 850 on 23/6 (MJT, KM, CS, JED). Manukau H census, summer 412; FoT census, summer 2166, winter 17. Coromandel Pen survey, 802 for 30/5 to 2/6 (BB). Access Bay colony, c.300 calling loudly and offering fish on 19/10, not counted but c.50% sitting on eggs and at southern end most had chicks which were up to 3 weeks old (BHS, SJD, ASRi). Taharoa, regular flock with maximum of 230 on 10/11, 215 on 13/4 (ASR, JMR, ARP). Maketu Spit, 3 pairs nesting on 9/11 (PCML); Ohope Spit, c.300 nesting on 31/12; 15 adults c.45 juvs ranging from fledged to young downies, probably another 50 downies dead among the jetsam after a recent northeast storm on 1/2; c.300 on 29/6; Motu R mouth, c.200 pairs breeding on shingle bank on 26/10 (RMW, PCML). Whakaki, 219 working east along shoreline at dusk on 17/11/83 (GAF). Gisborne, Browns B, a reported c.100 nests in lagoon mouth area, numerous with adults feeding young on 28/1/85, 7 on 16/3/85, 26 on 13/4 (BGJ, SCJ). Napier, Marine Parade, 80 on 16/5 (MT, PWT); East Clive, c.30 nesting on 30/9, deserted on 7/10; Waitangi, 3 scrapes each with 1 egg on 1/11, deserted on 15/11 (KVT); Cape Kidnappers, Black Reef, 73 nesting on cliff on 14/11 (BT). Wanganui E, 300 on 5/2; Rangitikei E, 800 on 8/3 (PFB, GJR). Manawatu E, 250 on 2/1; Wellington H, maximum c.50 on 2/4 (JLM, MM).

NEW ZEALAND PIGEON *Hemiphaga novaeseelandiae*

Waiotira, 1 feeding on japonica on 17/7, 2 feeding on plum foliage on 26/12; Birkenhead, feeding on fruiting Ackmena in garden on 28/7; Tiritiri I, 3 in taraire forest on 8/11 (TGL). Boundary Stream Res, 7 on 7/3 (KVT). Wanganui, 4 resident; Rautiti, 3 on 25/10 (PFB); Te Rei Bush, 3 on 9/2 (RAC, SEC *et al.*).

ROCK PIGEON *Columba livia*

Ngauranga, c.50 on 6 and 7/1, not seen in such numbers at other times (JLM, MM).

MALAY SPOTTED DOVE *Streptopelia chinensis*

South Auckland to Albany, numerous records of pairs; Mangere, Puketutu I, colony of c.200 (MG, SG); Albany, calling in an area of mixed pines and native bush on 3/12 (TGL); Papakura, Red Hill, a pair resident (BB).

BARBARY DOVE *S. risoria*

Mangere, Puketutu I, pair on 23/2 (CS); East Tamaki, 8 on 13/5 (MG, SG); Clevedon, 1 on power line on 2/6 (EEP).

WHITE COCKATOO *Cacatua galerita*

Waitakere Ranges, Cascades Park, pair on 24/8 (MG, SG); Wairere Rd, 5 on 17/8 (JES); Arataki Trail, 1 on 24/4 (CS); Helensville, 8 flying towards Woodhill F on 5/1 (MB). Onewhero, Wairamarama, 140+ on ground

turning over inkweed or in ti tree (DMW). Port Waikato, 16 flying south (ASR, JMR). Clark's B, Camp Morley, 8 in mid-Nov (AVS). Wanganui, Mangamahu, 10 on 24/5, up to 50 in the area (PFB). Pahiatua, 1 being harassed by magpies on 15/10 (WRJ).

KAKA *Nestor meridionalis*

Onerahi, 1 on 30/8 (PA). Middlemore Hospital grounds, 3 on 29/7, small groups for a few days around 2/9 (JVD, MH). Glenfield, 1 on 17/8 (JED); Birkdale, 1 for several weeks around 12/9 (DC). Leigh Cove, c.9 resident (JT). Port Waikato, Cole-Baker Res, 1 calling on 19/5 (ASR, JMR). Waimongu Valley, 1 heard on 9/5 (BHS). Ohakune, 2 near track to L Rotokuru on 9/10 (TGL). Wairoa, 1 visiting gardens in town from 5/7 to 31/8/83 (GAF). Kaweka Range, Makahu Hut, 1 on 10/11 (BT).

EASTERN ROSELLA *Platycercus eximius*

Kaitaia, common on the reservoir hill throughout year (AVH). Orere, Tapapakanga Stream, 2 on 23/2 (AJG). Papakura, Red Hill, several calling throughout May (BB). Mt Karioi, 6 on 19/3 (MO). Levin, Kimberly Res, 10 on 15/10 (WRJ).

RED-CROWNED PARAKEET *Cyanoramphus novaezeelandiae*

Tiritiri I, 1 on 18/8. Wellsford, Logues Bush, 2 on 18/5 (MJT). Little Barrier I, flocks of up to c.20 on flats on 27/3 to 1/4 (PFB).

YELLOW-CROWNED PARAKEET *C. auriceps*

Hen I, several early Jun (TGL). Little Barrier I, 3 above Te Hue, 2 at 580 m, others heard at 610 m, 1 at 185 m asl on west side feeding on ground on 19, 20/5 (PFB).

SHINING CUCKOO *Chrysococcyx lucidus*

Waipoua SF, 1 on 3/10 (PA). Birkenhead, some still calling on 12/1 (TGL). Meremere, 2+ singing strongly on 13/9; Clevedon, first song on 19/9, last short song on 12/2 (AJG). Ohakune Domain, Lakes Rd, numerous on 21/11 (TGL). Gisborne, Muriwai, 1 on 23/9/83; Gisborne, Hinenui Bush, heard on 6/9/84; Pakowhai, first of season heard on 5/10 about 2½ weeks late (BGJ, SCJ); Shines Falls, 4 flying around and perching close to a tramping party on 2/11 (ALH). Te Awanga, 1 calling on 30/9 (BT); Clifton, 1 on 29/12; Wanganui, Rautiti, 5 on 28/10; Westmere, 2 on 9/11; Wanganui, 2 on 3/2 (PFB).

LONG-TAILED CUCKOO *Eudynamis taitensis*

Awhitu Pen, 1 heard on 7/3 (VR). Papakura, Ponga Hill, 1 stunned when it hit window but it revived rapidly when investigated by a dog on 2/1 (CW). Coromandel Pen, Coroglen-Tapu Rd, 1 in Nov (AB). Waioeka Gorge, Manganuku R, numerous on 12/10 (WMH). Boundary Stream, 1 calling on 2/11 (ALH). Kaweka Range, Makahu Hut, 1 heard on 10/11 (BT).

MOREPORK *Ninox novaezeelandiae*

Kaitaia, Reservoir Hill on edge of urban area, heard most nights (AVH). Whirinaki, 8/7, 1 swooped at a Grey Warbler singing in a bush but missed (BHS). Foxton B, Round Bush, 1 on 21/9 (JLM, MM). Wanganui, heard regularly (PFB); Te Rei Bush, 2 on 9/2 (LJD).

NEW ZEALAND KINGFISHER *Halcyon sancta vagans*

Onerahi, 1 on 19/8 the first call of the season (PA). Clevedon, 2 burrows

being cleaned out on 31/8 (AJG). Ahuriri E census, 14 on 13/7; Waimarama, 10 on 13/7 (KVT). Manawatu E, 19 on 7/6 (JLM, MM). Moawhango, Te Rei Bush, 1 on 9/2 (CRS, PMS *et al.*).

KOOKABURRA *Dacelo novaeguineae*

Leigh, Omaha, Matakana, Warkworth, Mahurangi West, Puhui, Wainui, Hatfields B, Kaukapakapa, Patukuri, Helensville, a total of 12 records of 1 or a pair in this area (MG, SG).

NORTH ISLAND RIFLEMAN *Acanthisitta chloris granti*

Little Barrier I, Awaroa Stream, territorial male on 30/3 (PFB, GAP). Ohakune, Karioi SF, present in mature *P. contorta* on 9/10 (TGL). Mohi Bush, 6 on 3/10 (ARG, KVT). Ruahines, Triplex Hut, common on 22/3 (J Ber); Moawhango, Te Rei Bush, 4 on 9/2; Hihitahi SF, 2 on 9/2 (LJD, SED *et al.*).

SKYLARK *Alauda arvensis*

FoT, Miranda, 1 nest 3 eggs on 31/12 (BHS). Gisborne, Browns B, 6 on 28/1/85, 5 on 16/3/85, 6 on 13/4 (BGJ, SCJ). Waitotara, 1 albino on 11/12 (PFB).

WELCOME SWALLOW *Hirundo tahitica neoxena*

Cuvier I, 3 flying north 5 km south on 26/2 (TGL). Maiora, during a beach patrol dozens fed over the edge of receding waves over tidewrack on 20/4 (BB, DGB). Otanewainuku, 1 hawking over summit on 18/8 (BHS). Wairoa, Whakamahi Lag, c.550 swarming above or perched on fence wires on 3/6/85, absent on 8/6/85, c.250 on 22/6/85 (GAF). L Oinga, c.2000 going to roost in raupo on 6/2 (JGH, RMH). Glenmore Station, 50+ on 23/3 (KVT). Wanganui, L Wiritoa, 200 on 6/7 (PFB). L Horowhenua, 2000+ on 20/1 (WRJ).

NEW ZEALAND PIPIT *Anthus novaseelandiae*

Onerahi Airport, 1 from 8/4 to 8/6 (PA). Auckland Region, records from Mangawhai Spit, Taporā, Jordans Farm, Oyster Point, Muriwai, Te Henga, Whatipu, and Ponui I (MJT); Bombay, Pinnacle Hill, 3 pairs in April (IS). Ruapehu, Turoa, a few around the car park at 1585 m on 16/10 (TGL). Gisborne, Sponge Bay, 1 on 31/10/83 and 12/12/83 (BRK); Oraka E, 4 on 24/11 (GAF). Clifton, 14 in flock feeding on goosefoot sorrel seed on 18/3 (KVT). Ruahines, Armstrong Saddle, common on open tops on 23/3 (J Ber).

HEDGESPARROW *Prunella modularis*

Waiotira, 1 calling on 24/4 (TGL). Huia, 6 singing on 24/8 (JES, MJT); Piha, 1 singing in garden of Forest and Bird Lodge on 30/11 and 17/5 (MJT); Whatipu, widespread in the scrub (JED, MG, SG, MJT). Tiritiri I, quite common in scrub on 8/11 (TGL). Papakura, Red Hill, a pair resident in garden and singing well on 5/9 (BB); Pollock, common on 27/4 (MG, SG). Ohope Spit, 2 cocks singing from high points in dune vegetation on 1/2 (PCML). Wairoa, 3 in garden on 28/8/83 (GAF). Moawhango, Te Rei Bush, 1 on 9/2 (CRS, PMS *et al.*).

FERNBIRD *Bowdleria punctata*

Paua, present; Kerikeri Inlet, south side, present; L Omapere, west side, present; Kaikohe, DSIR farm, present (G Wat). Auckland Region, records from Te Henga swam. Pollen I. Whatipu, Whangateau H, Kaukapakapa R

(DGB, MJT, MG, SG, JES). Meremere, edge of Whangamarino Swamp, 1 responded to whistle, others heard on 6/11 (BB). Te Maunga, near Mt Maunganui, seen on many visits made between 29/11 and 1/3 in remnant manuka scrub at the edge of the harbour inlet (KS). Ohakune, Karioi SF, a few in areas of mature *P. contorta* on 9/10; Ohakune Mountain Rd, not uncommon in the mixed bush on the lower slopes of Ruapehu on 16/10 (TGL). Mahia, Mahanga, 1 in small swamp on 5/11/83; Wairoa, Whakaki Lag, 2 in blackberry bushes on 25/6, 3 earlier in the month (GAF). Turakina E, 1 on 8/3 (PFB).

WHITEHEAD *Mohoua albicilla*

Rangitoto area, noisy parties on 11/4 (RD). Otanewainuku, 1 group and others heard on 18/8 (BHS). Ohakune, Karioi SF, flocks feeding in the canopy of mature *P. contorta* on 9/10; Tangiwai quite common in plantings of 8 to 10 years old *P. radiata* on 12/10 (TGL); Boundary Stream, several heard on 2/11 (ALH). Ruahines, Armstrong Saddle, c.30 on 23/3 (BT); Triplex Hut, c.20 on 22/3 (J Ber); Te Rei Bush, 5 on 7/2 (RAC, SEC, LJD, SED); Hihitahi, 4 on 9/2 (CRS, PMS).

GREY WARBLER *Gerygone igata*

Gisborne, Pakowhai, 1 nest at the top of a 4 m pine tree (BGJ, SCJ). Boundary Stream Res, throughout on 8/12; Kuripaponga, common in exotic plantations on 13/4 (KVT). Ruahines, Triplex Hut area, common on 22/3 (J Ber); Te Rei Bush, 4 on 7/2; Hihitahi, 2 on 9/2 (RAC, SEC *et al.*).

FANTAIL *Rhipidura fuliginosa*

Rotoehu SF, 1 black phase in tawa-kamahi-kohekohe forest on 14/3 (BDC). Willowflat, 17 on 10/5 (KVT); Havelock North, 1 pied and 1 black on 2 and 3/7; Ruahines, Triplex Hut area, common on 22/3 (J Ber); Hihitahi SF, 4 on 9/2 (RAC, SEC, LJD); Te Rei Bush, 6 on 9/2 (CRS, PMS).

PIED TIT *Petroica macrocephala toitoi*

Warawara F, 6 on 29, 30/3; Ahipara gumfields, 2 on 9/4 (IRD).; Manginangina Res, 1 on 15/1 (G Wat). Tangihau Range, widespread in modified bush on 26/4 (TGL). Waitakere Ranges, records increasing, 14 on 24/8 (JES). Mt Auckland, 3 pairs on 30/8 (MG, SG); Matakana, resident pair (SCn); Dome Valley, Conical Peak, and Moirs Hill, present on 2/6 (MJT). Mangatawhiri, Lyon's Rd, 2 heard on 8/12 (NP). Coromandel Pen, Mt Maumaupaki, heard on 2/6 (BB, DGB). Ohakune, Karioi SF, a few in areas of mature *P. contorta* on 9/10; Ohakune Mountain Rd, not uncommon in the mixed bush on the lower slopes of Ruapehu on 16/10 (TGL). Boundary Stream Res, heard frequently in forest but not in open scrub on 8/12 (KVT). Ruahines, Matthews Stream, 1 pair on 2/3 (MT, PWT); Triplex Hut area, several on 22/3 (J Ber); Moawhango, Te Rei Bush, 10 on 7/2; Hihitahi SF, 6 on 9/2 (CRS, PMS *et al.*).

NORTH ISLAND ROBIN *P. australis longipes*

Rangitoto area, present on 11/4 (RD). Otanewainuku, c.5 and others heard with 1 singing loudly for prolonged periods on 18/8 (BHS). Waioeka Gorge, Manganuku R, numerous on 29/9 (WMH). Tongariro NP, Ketetahi carpark, 1 on 16/3 (VJL, EEP); Ohakune, Karioi SF, widespread in mature pines, also in *Lawsoniana* shelterbelt near forestry HQ on 22/11 (TGL). Kuripaponga, 3 on 10/4 (KVT).

SONG THRUSH *Turdus philomelos*

Onerahi, first full song of season on 10/5 (PA). Glenfield, 12 on 27/3; Auckland Town Hall, singing at 11 p.m. on 19/7 (MG, SG); Birkenhead, first tentative song on 9/5 (TGL). Kaituna Cut, 1 imitating a whimbrel call on 17/11 (PCML). Pakowhai Station, nest with 4 eggs in a casuarina on 2/8, 2 chicks on 30/8, nest predated on 10/9 (BGJ, SCJ); East Clive, 16 in small field on 20/7; Hastings, whispering song on 22/4 (KVT).

BLACKBIRD *T. merula*

Onerahi, first full song of season on 23/7 (PA). Auckland University Campus, first song on 1/7 and 29/5 (MJT); Birkenhead, quiet song on 28/7 (TGL); Auckland Museum, male feeding on lawn gave 'whispered' alarm call but continued to feed on 10/5 (AJG). Hamilton, a nest contained 5 eggs plus 2 Indian Myna's eggs on 11/11; it contained 2 Blackbird chicks on 17/11 (DW). East Clive, 11 males 1 female in a small field on 20/7 (KVT).

SILVEREYE *Zosterops lateralis*

Wairoa, numbers increasing rapidly early July, 17 on 4/7, 30 on 5/7 (GAF). Hastings, 1 pair feeding young on caterpillars from 6/3 to 13/3 (KVT). Ruahines, Triplex Hut, common on 22/3 (J Ber). Whangaehu E, 30 on 8/6 (PFB). Te Rei Bush, 10 on 7/2; Hihitahi SF, 4 on 9/2 (RAC, SEC *et al.*).

STITCHBIRD *Notiomystis cincta*

Hen I, population estimated at c.20 early June; Cuvier I, in Apr 1985 a second transfer (27) was made from Little Barrier I to boost the ailing population; at least 12 of these were sighted in Feb; in addition at least 8 locally bred were seen, some of which had only recently fledged (TGL, CRV).

BELLBIRD *Anthornis melanura*

Ohakune, Karioi SF, rather rare in the pine forests on 9/10; Ohakune Mountain Rd, a few in the mixed forest on 16/10 (TGL). Wairoa, in flowering gums in the town on 3/7 (GAF). Willowflat, 2 on 10/5 (KVT); Boundary Stream Res, numerous in full song on 2/11 (ALH); Napier, Hospital Hill. 1 in gum trees on 3/1 (RP). Te Rei Bush, 6 on 7/2; Hihitahi SF, 2 on 9/2 (LJD, SED *et al.*).

TUI *Prosthemadera novaeseelandiae*

Whangarei, Kamo, 1 taking accumulated moisture from pecked and damaged fruit late May (AG, AG). Tiritiri I, dependent fledglings heard on 8/11; Birkenhead, dependent youngster being fed kahikatea fruit on 24/3 (TGL). Kaharoa, abundant feeding on flowering rewarewa on 6/10 (PCML). Bowentown to Mt Maunganui, 3 found dead on beaches between 25 and 27/2 (PCML). Boundary Stream, numerous in full song on 2/11 (ALH); Balls Clearing, 12 on 26/1 (J Ber); Mohi Bush, 8 on 3/10 (ARG, KVT); Te Rei Bush, 3 on 7/2; Hihitahi SF, 4 on 9/2 (LJD, SED *et al.*). Wanganui, Virginia L, 6 on 15/7 (PFB).

YELLOWHAMMER *Emberiza citrinella*

Tiritiri I, 1 singing 'cheese' song on 8/11 (TGL). Gisborne, Browns B, 3 on 14/10/84 (BGJ, SCJ). L Oinga, large numbers coming in to roost in dead raupo on 9/9 (KVT). Wanganui, Kaitoke, 100 on 6/7 (PFB). Foxton, Moutoua, 200 on 18/6 (JLM, MM).

CHAFFINCH *Fringilla coelebs*

Birkenhead, some weak song on 7/8 (TGL). Pakowhai Station, nest with 5 eggs on 19/11/84 (BGJ, SCJ). Te Rei Bus, 5 on 7/2 (LJD, SED *et al.*).

GREENFINCH *Carduelis chloris*

Karikari Pen, Matai Bay, 100 on 1/6 (G Wat). Auckland, first harsh calls on 2/10 (TGL). Meeanee, c.1000 feeding in 2 fields with bare black soil on 20/7; remained for several weeks (KVT). Te Rei Bush, 6 on 7/2 (CRS, PMS *et al.*).

GOLDFINCH *C. carduelis*

Pakowhai Station, female nest building on 26/11/84, 1 egg on 29/11/84, female incubating 5 eggs on 7/12/84, both feeding 5 chicks on 17/12/84, nest vacated on 29/12/84 (BGJ, SCJ). Ahuriri E, c.50 feeding on seedheads on 2/6 (MT, PWT). Meeanee, c.200 feeding on *Urtica* seedheads on 20/7; L Oinga, c.100 feeding on *Urtica* seedheads on 9/9; Te Hauke, c.200 feeding on *Urtica* seedheads on 22/7 (KVT). Te Rei Bush, 7 on 7/2 (RAC, SEC *et al.*). Wanganui, 400 on 25/5 (GLR).

REDPOLL *C. flammea*

Whatipu, resident population spreading north to Muriwai and Woodhill F (MG, SG). Waikato R, Hood's Landing, 2 on 23/9; Bombay, Pinnacle Hill, small numbers in Aug, 70 in April (IS). Ohakune, Karioi SF, numerous in scrub and young pines on 9/10 (TGL). Te Rei Bush, 4 on 7/2 (CRS, PMS *et al.*). Wanganui, Kaitoke L, 3 on 20/7 (PFB).

HOUSE SPARROW *Passer domesticus*

Waikokopu, a nest in the hollow top of an old jetty pile 20 m from the breakwater and 2 m above high water on 28/9/84 (GAF).

STARLING *Sturnus vulgaris*

Tauranga Bay, c.200 on 20/4 (G Wat). Auckland City, winter roost of c.250 in pohutukawas and phoenix palms (MJT). Tolaga Bay, Pourewa I, c.300 flew from the mainland at dusk to roost in cliffs on 16/2 (GAF). East Clive, 1 part albino, with primaries and tail white, on 9/10 (KVT).

INDIAN MYNA *Acridotheres tristis*

Birkenhead, first fledgling calling on 12/1; Albany, 1 young giving begging calls on 30/4 (TGL).

NORTH ISLAND SADDLEBACK *Philesturnus carunculatus rufusater*

Cavalli I, Motukawanui I, 2, the survivors from transfers. Hen I, estimate of total population 500. Tiritiri I, 9 pairs bred during the 1985-86 season and 20 young reared; first clutches were incubated from about 21/9, the total population probably c.40; in Feb, 2 years after the transfer from Cuvier I, 44% were still alive, considerable use being made of roost and nest boxes; 1 nest box was preyed on by a kiore during incubation; 1 female attempted to incubate 2 nests simultaneously, both later abandoned; odd birds in isolated patches of forest mimicking Bellbird and Tui alarm calls and local Bellbird song dialect. Little Barrier I, the new population seems to be thriving; 3 pairs had dependent young in early Apr (TGL).

NORTH ISLAND KOKAKO *Callaeas cinerea wilsoni*

Little Barrier I, Thumb Track, banded pair seen in usual place, both showing moult in tails, no sign of any dependent young (TGL). Mangatawhiri

Dam Headwaters, 2 calling territorially on 13/12 (FT); Hunua Range, Kohukohunui Track, 2 flew to a third when it called on 2/5, 3 heard singing on 3/6 (AJG, BM). Kaharoa, 26 in this block; a considerable time was spent following and studying them from 12/10 to 5/12, but no sign of nesting (KS).

WHITE-BACKED MAGPIE *Gymnorhina tibicen hypoleuca*

Matauri Bay Rd, 2 on 9/2; Puketona, 3 on 9/2; Haruru Falls, 1 on 16/1 (G Wat). Wharerata Hills, 2 separate lots of almost full grown young being fed on 14/8/83 (BGJ, SCJ).

ROOK *Corvus frugilegus*

L Rotoiti, 1 juv being mobbed by magpies in pasture north of the lake on 28/4 (BDC). Wairoa, 2 on 13/8/83, 15 on 14/1/84, 35 on 31/3/84 all flying across town; Nuhaka, 2 on 21/10/83 (GAF). Pakowhai, 2 on 16/10/83, 5 on 28/12/83 (BGJ, SCJ). Wairoa, 39 flying across town on 25/12/84, 29 returning to roost on 1/2 (GAF). Pakowhai, up to 5 throughout June 1985, 8 on 9/7, 10 on 2/12, 12 on 24/6 (BGJ, SCJ). Te Hauke, 50+ on 27/6 (KVT). Pahiatua, 200 in one flock (WRJ).