

CLASSIFIED SUMMARISED NOTES, NORTH ISLAND

1 July 1984 to 30 June 1985

Compiled by L. Howell

Contributors: B. Abernathy, W. Ackerman, P. Anderson, D. G. Baker, M. Barnes, J. Batham, P. Battley, M. Bellingham, J. R. Berry, T. Billing, K. R. Bond, J. Boyd-Dunlop, B. Brown, M. Browne, B. J. Burch, B. D. Calder, S. Chamberlin, R. J. H. Child, L. Chrystall, B. Chudleigh, B. Cowan, J. L. Craig, M. T. Craven, R. A. and A. E. Creswell, S. E. and L. J. Davies, S. J. Davies, R. Dench, T. C. Dennison, J. E. Dowding, J. V. Driessen, N. Dyson, G. J. Eller, B. A. Ellis, C. Exley, R. Fenton, K. J. Fisher, K. Fletcher, A. R. Giblin, B. Goffin, A. J. Goodwin, A. and A. Gordon, M. and S. Graham, P. Grant, J. G. Hamilton, R. M. Hamilton, D. Harrison, T. Hatch, B. D. Heather, V. Hensley, A. L. Hodgson, R. N. Holdaway, D. Horne, A. V. Howell, W. M. Hutton, J. G. Innes, R. W. Jackson, W. R. Jackson, J. A. F. Jenkins, P. Jenner, K. Jensen, B. Keeley, S. Kelton, P. C. M. Latham, D. A. Lawrie, R. Leask, J. R. Leathwick, J. L. Lloyd, A. Loman, M. Loveday, T. G. Lovegrove, V. Lowrie, A. McCutcheon, I. G. McLean, C. F. McRae, P. Mayhill, P. and K. Miller, C. M. Miskelly, G. J. Moon, J. L. and M. Moore, G. I. Nicholson, F. Nieuwland, M. O'Connor, M. Olsen, D. J. Onley, R. Pierce, A. Plant, R. G. Powlesland, E. E. Pratt, A. S. Riegen, H. A. Robertson, H. Rook, S. Rowe, A. Roxburgh, I. and L. Sangster, A. C. Saxby, C. Schischka, B. Searle, B. H. Seddon, M. Sibley, R. B. Sibson, M. Skinner, C. R. and P. M. Slack, R. S. Slack, A. V. Slade, M. C. Smale, I. C. Southey, R. Springer, J. E. Staniland, A. Stewart, H. Stewart, J. and M. Stoneham, P. H. Syme, M. K. Tarburton, B. M. Taylor, F. J. Taylor, M. J. Taylor, A. J. D. and B. A. Tennyson, R. Thomas, C. E. Thompson, P. Thompson, K. V. Todd, O. C. Torr, S. Towle, J. Trollope, M. and P. W. Twydie, J. Urquhart, T. Vandervoorn, C. R. Veitch, J. Walsby, K. Walshe, D. M. Walter, R. J. Wasley, J. P. C. Watt, W. A. Watters, C. Welsh, R. M. Weston, R. E. Wheeldon, B. Wooley, B. J. Zuur. E. & O.E.

Abbreviations: asl. above sea level; BoP. Bay of Plenty; B. Beach; E. estuary; FP. Forest Park; FoT. Firth of Thames; H. Harbour; HQ. Headquarters; imm/s. immature/s; juv/s. juvenile/s; I. Island; L. Lake; Lag. Lagoon; NP. National Park; Pen. Peninsula; Res. Reserve; R. River; SF. State Forest; SP. Sewage Ponds; [. . .] Reports not yet received by Rare Birds Committee.

NOTE: Manukau Harbour and FoT census dates are in July 1985.

BROWN KIWI *Apteryx australis*

Maunganui Bluff, 1 dead on beach on 22/9 (PM). Tapora, releases of birds from Northland, 1 on 18/8, 2 on 13/10 (KW). Ponui I., Hauraki Gulf, calling in dense bush on 6/7/4 (MJT).

BLUE PENGUIN *Eudyptula minor*

Sandspit to Little Barrier, 98 on 28/12 (TGL). Waitarere B., 1 tangled in fishing net on 23/12 (BA).

NEW ZEALAND DABCHICK *Podiceps rufopectus*

Aupouri Pen., 32 on Jan. survey (AVH). Round Hill L chain, 4 on 23/2; Burgess' L, Te Maire, 2 on 24/2; L Wainui, 6 on 24/2 (PM, KM). L Ototoa and adjacent lakes of S Kaipara Head, 33 plus 1 chick on OSNZ survey on 10/2 (MJT). Tuakau SP, 1 on No. 1 pond on 21/4 (BB). Hamilton, University L, 1 on 25/5 (FN); Rose Garden, 1 on 18/5 (AL). L Rototua, Mokoia I, 1 on 19/5 (PB). Tongariro R. below Whiti-kau confluence, 1 on 10/6 (WA). Matata Lag, 1 on 1/6 (PCML). Thornton Lag, 6 on 3/5 and 30/6 (RMW). Westshore Lag census, 4 on 14/7; L Tutira, 6 on 15/3; Te Awanga Ls, 9 on 20/4 (KVT). Te Mahanga, 2 on 15/6 (JLL, CFM, KVT). Pohangina R end No. 1 line, 2 adults, 2 chicks on 3/2 (RJW). L Purimu, 6 on 17/11. Wallingford, 2 pairs in roadside swamp (BDH). Waitotara E. 1 on 1/6; Westmere farm pond, 1 on 27/4 (PB). Marton SP, 2 on 22/10 (BDH). L Horowhenua, c. 60 on 25/6; Ohau R. lake near mouth, 10 on 28/7; (WRJ). Waitare corner, south beside SH1, 2 from Jan to Mar (JLM, MM, WRJ). Foxton No. 1 L, 7 on 1/1 (JLM, MM). Masterton SP, 21 on 9/9, 31 on 27/1. Waingawa SP, 4 on 27/1. L. Wairongomai, 8 on 27/7, 12 on 3/3; Ohau B lag, 8 on 27/7, 2 on 2/3; L Papaitonga, 0 on 27/7 (BDH).

AUSTRALIAN LITTLE GREBE *Tachybaptus novaehollandiae*

L Wahakari, 2 on 1/11 (VH). Reservoir L, 1 on 27/1 (AVH). L Kereta South, South Kaipara Head, 1 on 10/2 (BAE), 1 on 13/2 (KRB, MJT).

WANDERING ALBATROSS *Diomedea exulans*

Otane, 1 blown inland during easterly gale on 16/3, successfully released (HR). Foxton B, 1 dead on 28/10 (JLM, MM).

ROYAL ALBATROSS *D. epomophora*

L Wairapa, 1 blown inland during southerly storm, sitting in backwater, flew off strongly towards the middle of the lake after first hitting a fence, 19/5 (RGP, HAR).

NEW ZEALAND BLACK-BROWED MOLLYMAWK

D. melanophrys impavida

Papamoa, 1 adult blown ashore on 5/7, died soon after; Mt Maunganui, 1 sub adult freshly dead on 31/12 (PCML, KF).

BULLER'S MOLLYMAWK *D. bulleri*

Hukuwai B, 1 dead on 23/9 (WMH).

GIANT PETREL *Macronectes* sp.

Napier foreshore, 1 wearing a Cape Town band, in an exhausted state, 2/5 (KVT). Wanganui, Castlecliff, 1 passing on 3/10 (PB). Foxton B, 1 flying north on 7/10; Ngauranga, single birds on 14/9 and 8/1 (JLM, MM).

CAPE PIGEON *Daption capense*

Dargaville West Coast, 1 ashore alive on 5/8 (PM). East Coast Bays, Auckland, 1 heading seaward on 22/7 (TGL).

GREY-FACED PETREL *Pterodroma macroptera*

Murimotu I, 1 found dead among flax on 21/10 (PM, KM). Dragon's Mouth Cove, Hen I, numerous overhead after dark on 8/7, noisy overhead on 24-27/4; Stanley I, a common breeding species, eggshells lying about suggested that eggs had hatched on 20-23/7 (TGL).

SOFT-PLUMAGED PETREL *P. mollis*

Hukuwai B, 1 dead on 13/11 (WMH, PCML).

COOK'S PETREL *P. cookii*

Little Barrier I, western side, scores on 5/12, large numbers on 13/12; Takatu to Little Barrier I, 125 on 28/12, hundreds on 11/1; Maori Passage, Kawau Bay end, not often seen but 1 flying seaward on 11/1; Little Barrier I to Leigh, 44 on 7/2; Great Barrier I, Port Fitzroy, calls of incoming birds heard after dark on 13/2; Little Barrier I, an occupied burrow near the foot of the Valley Track hill only 50 m asl.

In summer 1984-85 (TGL). Te Ahumata, 2 corpses near the old silver mines on 11/5 (PM, KM).

KERGUELEN PETREL *P. brevirostris*

Dargaville West Coast, alive on beach on 5/8 (PM, KM).

BLUE PETREL *Halobaena caerulea*

Dargaville West Coast, alive on beach on 5/8 (PM, KM).

LESSER BROAD-BILLED PRION *Pachyptila vittata*

Dargaville West Coast, 2 alive on beach on 5/8 (PM, KM).

ANTARCTIC PRION *P. salvini*

Dargaville West Coast, 2 alive on beach on 5/8 (PM, KM).

NARROW-BILLED PRION *P. belcheri*

Dargaville West Coast, alive on beach on 5/8 (PM, KM).

FAIRY PRION *P. turtur*

Dargaville West Coast, alive on beach on 5/8 (PM, KM).

GREY PETREL *Procellaria cinerea*

Foxton B, several parties of 5 or 6 passing north on 6/10, 50 passing north on 23/1 (JLM, MM).

BLACK PETREL *P. parkinsoni*

Cape Barrier to Cuvier I, up to 5 following astern of *Te Ra* on 19/2; Takatu to Little Barrier I, several following astern on 28/3 (TGL, BB). Hirakimata, one at 6.10 p.m. at the summit on 2/5, droppings of others seen along Palmer's Track on 3/5 (PM, KM).

WESTLAND BLACK PETREL *P. westlandica*

Wanganui South B, 1 after 2 days of gales on 16/5 (PB).

FLESH-FOOTED SHEARWATER *Puffinus carneipes*

Leigh to Little Barrier, c. 280, some on the water among dolphins (*Delphinus*), on 7/2; Cape Barrier, c. 8 km to the east, a swirl of c. 1000, some taking small silvery fish c. 100 mm in length on 19/2 (TGL).

BULLER'S SHEARWATER *P. bulleri*

Leigh to Little Barrier, 88 on 7/2 (TGL).

SOOTY SHEARWATER *P. griseus*

Dargaville West Coast, 1 km offshore on 16/3 (PM). Leigh to Little Barrier, 4 singles heading north on 7/2 (TGL). Wanganui, South B, c. 8 close inshore after 2 days of gales on 3/9 (PB).

FLUTTERING SHEARWATER *P. gavia*

Bream Head to Hen I, quite common on 8/7; Tiritiri Matangi I, just south c. 30 on 22/7 (TGL). Great Barrier I, large flocks at various points from Miners Head to Cape Barrier in May (PM, KM). Coromandel Pen, north of Colville, c. 1000 feeding offshore on 4/7; Motokawau, 25 on 9/11 (JB). FoT, off Wharekawa, some thousands in rafts and hundreds flying up and down in great lines after a storm on 24/2 (BB, BJB, ND). Foxton B, recorded offshore from Dec to Jan, maximum count 1200/hour passing south on 24/2; Pt Nicholas, present intermittently from 14 July to 24 Oct, max c. 500 on 3/9, c. 50 in Jan and c. 300 after storms on 17/5 (JLM, MM).

LITTLE SHEARWATER *P. assimilis*

Hen I, 3 heading south on 8/7; Dragon's Mouth Cove, Hen I, odd birds calling before dawn on 10/7, quite vocal overhead after dark on 24-27/4; Stanley I, vocal overhead with a few coming ashore after dark, some eggshells near small burrow entrances, appeared to belong to this species on 24-30/7 (TGL).

WHITE-FACED STORM PETREL *Pelagodroma marina*

Little Barrier I to Takatu, 8 on 20/8, 4 on 11/1; Little Barrier I to Leigh, 7 on 13/12; Takatu to Little Barrier I, 9 on 28/12 (TGL). Coromandel Pen, The Cow I, nesting in hundreds, one headless on 1/12 (DMW).

DIVING PETREL *Pelecanoides urinatrix*

Bream Head to Hen I, 69 on 8/7; Taurikura to Hen I, c. 250 on 11/7; Leigh to Little Barrier I, 6 on 5/11 (TGL).

AUSTRALASIAN GANNET *Sula bassana serrator*

Muriwai, Motutara, top already packed, 2 pairs prospecting mainland cliff on 9/9 (RBS). Muriwai, mainland cliff, 10 on eggs 7/1 (JES), 7 fluffy chicks in Feb (MJT). Horuhoru I, Hauraki Gulf, c. 2000 at the colony on 11/11; Manukau H census, 21 winter (BB). FoT, c. 14 feeding offshore on 31/12 (PB). Kawhia H, 7 on 23/6; Raglan H, 1 on 23/6 (FN). Waverley B, c. 20 fishing on 1/6 (PB). Foxton B, recorded all months except Feb and May, 5 and 1 imm on 5/4; Wellington H, 11 on 23/4 (JLM, MM).

BLACK SHAG *Phalacrocorax carbo*

Manukau H census, summer 3, winter 63; FoT census, summer 58, winter 82 (BB). Tuakau, Waikato R, colony in kahikateas, 15 adults, 8 juvs nearly flying on 17/11 (JVD); many with white breeding patches, much loud croaking, a few large imm on 21/4 (BB). Hamilton L, 8 on 14/10, 16 on 23/2, 3 on 27/4 (MBa). Aotea H, 4 on 24/11; Kawhia H, 8 on 24/11, 11 on 23/6 (FN). Taharoa, L Rotoroa, 1 on 6/1; L Harihari, 3 on 9/1 (SC). L Arapuni, abundant on 28/12; L Ohakuri, 163 including c. 40 juvs on 19/1 (ASR). Matata, Awaitei Wetlands, c. 30 occupied nests on willow bushes on 19/8; Kaituna Cut, c. 4 occupied nests in a Pied Shag colony by Kaituna R on 11/11 (PCML). Waiaua R mouth, 5 on 27/5 (WMH). Westshore, 60 on census 14/7; Waitangi, 39 on census 14/7; Tuki Tuki E, 2 on census 14/7, c. 75 on 9/5 (KVT). Tuki Tuki R and Waipawa R, 25 on 30/11; Tutakuri R, 23 on 3/12 (WSC). L. Poukawa, 16 on 17/6 (KVT). Foxton, Whirokino, colony of c. 45 (JLM, MM). Lake Wairarapa, max 68 on 30/12 (HAR).

PIED SHAG *P. varius*

Te Huka Stream, 17 roosting in 2 pohutukawas at night 20-22/10; Cape Karikari, 48 on 13/4; Oruaea Bay, Whananaki South, 27 on 26/8, 8 nests, 5 with 1 adult, 2 with 2 adults, 1 unoccupied (PM, KM). Stead Bay, Hen I, 3 below beacon on 8/7 (TGL). Great Barrier I, Waikaro Point, colony on southern side on 30/4; Medlands B, colony with 10 nests on 7/5 (PM, KM). Manukau H census, summer 94, winter 187; FoT census, summer 23, winter 30; Maioro Lookout, Waikato R, 45 on Sand I and c. 20 upriver on 19/8 (BB). Coromandel Pen, north side Kirita H, 15-20 nests, standing apparently young awaiting parents on 8/12 (JB); Te Kouma, 10 nests in pohutukawas on 1/12 (DMW). Ohope Spit, 26 on 7/2 (RMW). Petone-Ngaurangi, 1 on 4/2 (JLM, MM).

LITTLE BLACK SHAG *P. sulcirostris*

Hobson Bay, Auckland, roosting flock of c. 45, 2 with L Rotorua bands, on 15/5 (MJT). Manukau H census, winter 206; FoT census, summer 8, winter 154; Maioro Sand Mine, near Waikato R mouth, 75 on 19/8; FoT, Access Bay, 16 on 1/9 (BB). Manukau H, Waimahia Inlet, 58 on 11/8 (KJF). FoT, Wharekawa, 18 in shingle ponds on 16/7 (AJG). Coromandel Pen, Te Kouma H, 2 nests on 1/12 (DMW). Hamilton L, 2 on 14/10, 6 on 23/2, 1 on 27/4 (MBa). Raglan H, 1 on 23/6 (FN). L Arapuni, 1 on 28/12 (ASR). Taharoa, L Nukumiti, 3 on 6/1 (SC). L Taupo, Tauranga-Taupo R Mouth, 160 flying past after communal fishing on 10/3 (PG). Nukuhou R, Upper Ohiwa H, 40 on 5/7; Ohiwa H, 85 on 2/6 (WMH). Waitangi census, 100 on 14/7, 25 on 3/11; Ahuriri E, 59 on census 3/11, c. 100 on 3/2; Tukituki E census, 30 on 3/11 (KVT). Wanganui, Virginia L, 7 on 20/2; Wanganui, 40 on 13/5 (PB). L Horowhenua, 20 on 18/8 (WRJ). Manawatu E and Loop, present all months max 67 on 5/5; Petone-Ngaurangi, 13 on 6/7, c. 15 from 4/2 to 17/4 (JLM, MM).

LITTLE SHAG *P. melanoleucos brevirostris*

Manukau H census, summer 8, winter 32; FoT census, summer 4, winter 8 (BB). Hamilton L, 2 on 14/10, 23 on 23/2, 25 on 27/4 (MBa). Kawhia H, 2 on 23/6, 1 on 24/11; Aotea H, 1 on 24/11, 1 on 23/6 (FN). Taharoa, L. Nukumiti, 5 on 6/1, L; Harihari, 1 on 9/1 (SC). L Ohakuri, 21 on 19/1 (ASR). Matata, Awaitei Wetlands, c. 30 in willow bushes but not occupying nests on 19/8 (PCML). Ahuriri E census, 49 on 14/7, 19 on 3/11; Waitangi, 10 on census 14/7; Tukituki E, c. 3 on census 14/7 (KVT). Tukituki R and Waipawa R, 15 on 30/11; 8 on 3/12 (WSC). Wanganui, L Westmere, 6 pairs nesting in new colony on 16/9, 16 on 22/9, colony abandoned on 25/11 (OCT). Petone-Ngaurangi, 31 on 19/6 (JLM, MM).

SPOTTED SHAG *Stictocorbo punctatus*

Onehunga, 5 on groyne on 1/7 (RBS). Manukau H census, winter 6; FoT census, summer 70, winter 26; FoT, Tawhitokino, 2 on 26/8; Tarata Point, 109 on 25/2, 55 on 28/6 (BB). Coromandel Pen, Motokawau I, 50 adults, 12 nests, also on ledges of adjoining islets on 9/11; Motuokino (Shag Rock), large colony with many juvs on 10/11; The Cow I, c. 100 on 10/11; Kirita H, many juvs on 8/12 (JB). Clive sewer outfall, 19 in prenuptial plumage on 28/7 (JLL, KVT). Black Reef, 13 on 28/8 (BMT, KVT). Waikanāe E, since 1981 frequent in small numbers from late Mar to mid-Sep, 1 on 18/12 (AJDT). Petone-Ngaurangi, singles on 5/11, 28/11 and 19/6 (JLM, MM).

WHITE-FACED HERON *Ardea novahollandiae*

Great Exhibition Bay, 3 on 16/5 (BHS). Paua, 31 on 28/10; Rarawa B, 9 on 24/6; Henderson Bay, 10 on 24/6; Kowhai B, 12 on 26/1; Rangaunu H, 29 on 30/6 (AVH). Little Barrier I, 1 at edge of floodwaters on the flat on 19/8 (TGL). Manukau H census, summer 199, winter 204; FoT census, summer 159, winter 118 (BB). Karaka shellbanks, c. 65 on 10/11 (SJD, AR), 84 on 5/5 (BB, DGB). Raglan H, 11 on 23/6; Kawhia H, 18 on 24/11, 20 on 23/6; Aotea H, 43 on 24/11 (FN). Matahui, 25 on 25/11, 55 on 8/6 (PCML). Ahuriri E, 26 on census 14/7, 31 on census 3/11 (KVT), c. 40 including juvs on 31/12 (NiTC, CFM). Tukituki R and Waipawa R, 61 on 30/11 (WSC). Hokio B Rd, 58 on 16/6 (WRJ). Lake Wairarapa, 47 on 25/11 (HAR).

WHITE HERON *Egretta alba*

Te Kao, 1 on 23/6; Houhora Heads, 2 on 23/6 (AVH). Port Waikato vicinity, 2 on 18/8 (BB, PB), 1 on 25/11 (DMW). Coromandel Pen, Wyrna Bay, 1 in pine tree in Dec (JB). Waikato R, Rangiriri, 1 on 12/6 (PA). L. Whangape, 1 with White-faced Herons on 13/7 (AR). Matata, 2 on 19/8, 1 on 1/6, 2 on 9/6 (PCML). Waiaua R mouth, 1 on 27/5; Whakatane R mouth, 1 on 1/6; Waioeka R mouth, 1 on 17/6 (WMH). Tukituki E, 1 on 21/7, 1 on 25/5; Ahuriri E, 1 on 8/6 (MT, PWT). Clive, 1 on 9/10 (ARG, KVT). L. Hatuma, 1 on 18/5 (CFM). L. Horowhenua, 2 from July to 31/10 (WRJ). Manawatu E and Loop, 1 from July to Oct, 1 in May (JLM, MM). Nukumarū, L. Waikato, usually 2 each year (PB).

REEF HERON *E. sacra*

Taurikura, Whangarei H, 2 on Calliope I, 1 on adjacent beach on 11/7 (TGL). Ruakaka E, 1 on 10/5 (BHS). Brown's I, Hauraki Gulf, 2 on 17/12 (PB). Te Arai, Mangawhai, and Tamaki E, reports of single birds (MJT). Tryphena H, Puriri Bay, 1 on 11/5 (PM, KM). Awhitu Pen, Hudson's Bay, 2 on 21/11 (JT). FoT, Tawhitokino, 1 on 26/8 (BB, JVD); Kawakawa Bay, 2 in Sep (MO); Waharau, 1 on 28/6 (BB); Kaiaua, 1 on 14/4 (GMHP). Port Waikato, 1 on 10/2 (KJF). Coromandel Pen, Stony Bay, 1 from 5-14/4 (VL); Kikowhakarere Bay, 2 resident (DH); Wilson's Bay, 2 resident; Coromandel H, 2 on 11/10; Motokawau I, 1 on 9/11 (JB). Opoutere, 1 on 25/12 (BB). Thames Coast, Tapu, 1 on 6/4 (CMM). Raglan H, 1 on 23/6; Kawhia H, 1 on 24/11, 2 on 23/6 (FN). Whakatane Heads, 1 on 30/1; Ohiwa H, 1 on 3/3, 2 in June (RMW, WMH). Opotiki, Tirohanga Stream, 1 on 9/7, Waiotahi E, 1 on 27/7; Waiaua E, 2 on 23/11, 1 on 27/5; Waioeka R mouth, 1 on 17/6 (WMH). Ahuriri E, 1 on census 14/7 (KVT), 1 on 6/1 (ACS). Blackhead B, 1 on 23/2 (CFM). Kairakau, 2 on 17/3 (BMT). Petone-Ngaurangi, singles on 10 dates from 10/9 to 9/4; Pauatahanui, 2 on 8/7 (JLM, MM).

CATTLE EGRET *Bubulcus ibis*

Kaitaia, 30 on 30/10 (PCM). Te Kao, c. 80 on 7/11 (ML); 4 on 10/12 (PA, MB). Waipapakauri, 70 on 30/10, 30 on 2/5 (PCM). Far North, first record 15/4, maximum 126 on 3/7, last record 11/12 (AVH, PA, MB). Ruakaka Rd, Marsden Point, 5 on 11/5 (BHS). Orewa, 16 on 27/6 (JED). Parakai, 45 on 22/6 (CE). Mangere Ponds, 5 on 29/6/84 (CS); 6 on 9/6 (GIN). Mangere, Ambury Farm Park, 5 on 6/6, one of which was standing guard over the corpse of a dead bullock chasing others off (RBS, JAFJ, TGL). FoT census, summer 90, winter 81; birds appear to make landfall Apr/May at Waikato

R mouth and then move to Rangiriri (BB). Piako, c. 90 on 28/10 (RBS). Waitakaruru, 6 in breeding plumage on 27/11 (DGB). Piako, 2 on 23/5 (JAB). Coromandel Pen, Ohui, 3 on 14/6 (HS). Aka Aka, Parry's Farm, 36 on 20/5, stayed 4 days (AS). Ngatea, c. 80 on 5/9 (DH). L. Rangiriri, c. 150 on 21/5 (BJZ). Rangiriri, Churchill Rd East, Holme's Farm, 200+, including an all-white bird with a metal band, 28/8 (BDH, HAR), 170 on 27/5 (ASR). L. Waahi, 3 on 12/7 (AR). Hamilton, Rotutuna, 16 on 24/6 (BK). Paterangi, 3 on 22/5; L. Ngaroto, 14 on 14/5 (RD). Waikawau, 4 on 10/8 (BK). North of Tauranga-Taupo R, 2 with sheep on 12/6 (WRJ). Papamoa, 1 in garden probably resting after a storm on 15/8; Kaituna Cut, 4 on 9/6, 12 later in June (PCML, DGB). Awaiti, 3 in breeding dress on 24/11, 22 on 8/6 (RMW, WMH). Kukumoa, Opotiki, 15 on 11/8, 16 on 19/10 and 15/11, 3 on 20/5, 11 on 8/7 (WMH). Mecanee, 6 on 12/7, 3 on 8/6 (KVT, MT, PWT). Fernhill, 14 on census 26/8; Te Hauke, 6 on 20/3 (KVT). Waipukurau racecourse, 5 on 26/5; L. Hatuma, 10 on 8/6 (CMF), 9 on 17/11 (BDH). Foxton, south on SH1, 39 including 2 with bands on 16/7 (RAC, SEC). L. Horowhenua, maximum 83 on 30/9; Foxton, south, maximum 82 on 30/8 (WRJ, MO). Manawatu E, c. 40 from July to Nov with a maximum of 85 on 6/10, 26 overwintering at Whirokino, then 90 at Oturoa Rd on 15/6 (JLM, MM). Whangaeu, 13 on 19/9; Kai Iwi, 10 on 9/9 (Oct). Longburn, 1 on 25/5 and 16/6 (MKT). Nukumar, 17 on 20/10 with beef cattle by main road (BDH).

AUSTRALASIAN BITTERN *Botaurus poiciloptilus*

Awanui, 1 crossing SH1, froze, then retreated into swamp on 6/5 (PCM). L. Half, Ngataki, 1 on 27/1; L. Waihopo, 2 on 27/1 (PM, KM). Ngakapua L, 1 on 27/1 (AVH). Reservoir L, Sweetwater, 2 on 27/1 (JS, MS). L. northwest of Round Hill, 2 on 23/2; Tikinui, 1 on 16/3; L. Wainui, 1 on 24/2 (PM, KM). Coromandel Pen, Opoutere, 2 on 25/3 (JW). Ryburn's Lag, 9 in July (AR). Ohinewai, Black L, 1 on 6/2 (BJZ). Te Rore, 1 on 14/5, L. Ngaroto, 2 on 14/5 (RD). L. Rotochu, Soda Springs, 1 booming early p.m. on 14/1; L. Whakamaru, 2 booming early p.m. on 31/8 (PB). Upper Hydro L Hinemaiaia R, 1 on 31/12 (WAW). Ohiwa H, Nukuhou E, 1 on 9/7, 3 on 3/5, 1 on 6/5 (RMW, WMH). L. Oinga, single birds on 6 occasions in winter (JGH, RMH). South of Himatangi Radio Station, 1, no date (LC). Foxton, The Loop, booming heard in Dec and single birds in Jan and Feb (JLM, MM). L. Horowhenua, 1 on 15/12 (WRJ).

GLOSSY IBIS *Plegadis falcinellus*

Coromandel Pen, Ring's Rd, 3 in E several times in summer (EEP). Foxton Loop, 3 on 6/10, 8/10, 26/12 (JLM, MM, MO, WRJ).

ROYAL SPOONBILL *Platalea regia*

Rangaunu H, 3 on 18/8 (AVH); 6 on 13/5 (BHS). Mangere Inlet, Onchunga, on pile at wharf among Black-backed Gulls on 1/7 (RBS). Whitford, Broomfield Rd, 1 on 1/5 (JBD). Manurewa, Wattle Downs, 1 on 7-9/5 (TV, MS). Coromandel H, 2 on 16/4, 3 later (ST, JB). L. Waahi, 1 on 10/11 (FJT). Raglan H causeway, 1 on 3/3 (BW). Hamilton, Waikato R, Howell Ave, 3 seen regularly (FN). Thornton Lag, 2 on 3/5 (RMW). Cape Kidnappers, 1 among Gannets on 13/1 (MT, PWT). Tukituki E, 1 with Black-backed Gulls on 20/12 (KVT). Westshore Lagoon, 11 on 5/5 (TB). Ahuriri E, 7 on 8/4, 8 on 29/6 (ALH, MT, PWT). Manawatu E, present July to Nov and Mar to June, 37 on 4/5 (JLM, MM), 23 on 30/6 (WRJ, MO).

MUTE SWAN *Cygnus olor*

Hamilton L, 2 on 14/10, 1 on 23/2, 1 on 27/4 (MBa). L Poukawa, 10 on 17/6 (KVT). Wanganui, Virginia L, 6 on 1/9, 2 chicks raised, 1 bird with broken wing taken to the vet then released (PB).

BLACK SWAN *C. atratus*

Tuakau SP, 8 on 21/4 (PB). Hamilton L, 46 including 10 juvs on 14/10, 123 including 4 juvs on 23/2, 80 on 27/4 (MBa). Kawhia H, c.1250 on 28/5 (FN). Taharoa, L. Nukumiti, 95 on 6/1; L Rotoroa, 170 on 6/1; L Rototapu, 3 including 1 juv on 6/1; L Harihari, 19 including 14 juvs on 9/1 (SC). L Ohakuri, 10 on 19/1 (ASR). L Tutira, c.500 on 10/3 (JGH, KVT). Ahuriri E, 72 on census 3/11, 95 on 3/6, 130 on 14/7 (KVT, MT, PWT). L Purimu, 135 on 17/11, (BDH). Foxton Loop, c.100 in Aug; Foxton No.1 L, c.70 on 5/4; Whirokino, a pair with 4 cygnets on 28/10 (JLM, MM). L Horowhenua, c.500 in April; Whirokino, 40 in April (WRJ, MO). Wanganui, Kaitoke, 38 adults with 7 cygnets on 3/9, 72 adults with 23 cygnets on 28/10 (OCT). Pt Nicholas, 1 on 24/10; Petone — Ngauranga, 1 on 31/10 and 6/11 (JLM, MM).

CANADA GOOSE *Branta canadensis*

Tuakau SP, pair on 21/4 (BB). L Waikare, 6 on 22/10 (PB). L Waahi, 21 on 10/11 (FJT). Hamilton L, 3 on 14/10, 23/2 and 27/4 (MBa). Taharoa, L Rotoroa, 6 on 6/1 (SC). Hinemaiaia R, Upper Hydro L, c.200 on 13/12 after steady increase in recent years (WAW). Kaituna Cut, c.11 on 24/11; Little Waihi, 58 on 9/6 (PCML). Matata, 2 on 24/11 (RMW). Ahuriri E, 1 on census 3/11 (KVT). Ngaruroro R, 1 on 1/12 (WSC). L Hatuma, 1 on 17/11 (BDH). L Horowhenua, 3 all year (WRJ). Foxton No 1 L, 2 on 1/1 and 26/1 (JLM, MM) Wanganui R, 1 on 29/6 (OCT). L Wairarapa, 42 on 9/2 (HAR).

PARADISE SHELDUCK *Tadorna variegata*

Aupouri Pen, Jan survey, 807; Karikari Pen, Jan survey, 82 (AVH). Little Barrier I, a male on floodwaters on 19/8 (TGL). Great Barrier I, Okiwi Airstrip, Claris Aerodrome, Kaitoke B, large groups in April, May (PM, KM). Mataitai, 17 on 28/10; Mangatangi Dam, 1 pair with 4 well grown ducklings on 2/12 (RBS). Manukau H census, summer 12, winter 5; FoT census, summer 6, winter 21; L Whangape, c.50 on 2/3 (BB). Karaka, 7 on 10/4 (SJD, AR); 51 on 26/5, one with white around eye, light chestnut on upper breast, lower breast was same colour as adult male Paradise Shelduck, possible hybridisation with Chestnut-breasted Shelduck (KJF). Pureora Village, 300 on 3/6 (BW). Taharoa, L Nukumiti, 112; L Rotoroa, 250; L Rototapu, 13 all on 6/1; L Harihari, 92 on 9/1 (SC). L Ohakuri, 3 on 19/1 (ASR). Matahui Pt, 2 on 8/6; Papamoa, c.44 during June; Awaitei Wetlands, c.80 on 19/8 (PCML). Ohiwa H, 20 on 29/12; Raukokore E, 55 on 31/12 (DJO). Ahuriri E, 67 on 3/11, 84 on census 14/7; L Tutira, c.40 on 10/3; L Poukawa, 150 on 17/6; Te Awanga Ls, 15 on 20/4 (KVT). Tukituki R and Waipawa R, 390 on 30/11; Tutaekuri R, 15 on 3/12; Ngaruroro R, 183 on 1/12 (WSC). Waitotara, 55 in ploughed field on 25/4 (PB). L Horowhenua, 10 on 20/4 (WRJ). Foxton No. 1 L, 5 on 11/8; Foxton Loop, maximum count of 24 all males 6/10 to 24/11; Manawatu E, 3 on 25/1 (JLM, MM). Waikanae E, 30 on 12/1 (BAT). L Papaitonga, 195 on 27/7; Waingawa SP, 80 on 27/1 (BDH).

MALLARD *Anas platyrhynchos*

Manukau H census, summer 269, winter 377; FoT census, summer 99, winter 1522; Tuakau SP, c.300 on 21/4 (BB). Ohinewai, Black L, 92 on 6/2 (BJZ). Hamilton L, 235 with 50 juvs on 14/10, 1167 on 23/2, 1967 on 27/4 (MBa). Matata, c.2000 on 1/6 (PCML). Ahuriri E, c.580 on census 14/7; Waitangi, 194 on census 14/7; Te Awanga Ls field trip, 106 on 20/4; Horseshoe L, 400 on 11/6 (KVT). Westshore Lagoon, c.400 on 3/6 (MT, PWT). L Horowhenua, 2500 on 30/4 (WRJ). Manawatu E, c.650 on 15/6 (JLM, MM).

GREY DUCK *A. superciliosa*

FoT census, summer 10; Tuakau SP, c.20 on 21/4 (BB). L Ohakuri, c.10 on 19/1 (ASR). Matata, c.40 on 1/6 (PCML). L Tutira, 1 on 10/3 (KVT). Virginia L, 12 on 9/2 (PB). Manawatu E, 2 on 15/6 (JLM, MM).

GREY TEAL *A. gibberifrons*

Swan L, Ngataki, 8 on 27/1; L Half, 2 on 27/1; Round Hill L chain, 4 on 23/2 (PM, KM). Manukau H census, winter 7; FoT census, summer 1, winter 200; Tuakau SP, 250 breeding 1 with duckling on 21/4 (BB). Karaka, 16 on 20/3 (KJF). Miranda, 10 on 11/11 (BHS). Ohinewai, Black L, 13 on 6/2 (BJZ). Taharoa, L Harihari, 1 on 9/1 (SC). Kaituna Cut, 20 on 11/11, 60 on 10/2 (PCML). Ahuriri E, 46 on census 14/7; L Poukawa, 100 on 17/6; Horseshoe L, 150 on 11/6 (KVT). L Tutira, 11 on 15/9; Westshore Lagoon, 4 on 3/2 (ACS). Waitotara E, present on 11/6 (PB). Manawatu E, 16 on 8/7, 15 on 4/5, 2 on 16/6 (JLM, MM). Waikanac E, 1 on 22/5 (AJDT). L Wairarapa, flock of c.300 near Tauherenikau R mouth on 27/1 (HAR).

BROWN TEAL *A. chlorotis*

Waipiro Bay, Bay of Islands, 12 on 16/3; Ngunguru Stream, 2 on 16/10 (PA). Great Barrier I, Port Fitzroy, 2 near wharf on 10/2; Kaiaara Bay, 3 on 11/2; Nagle Cove, 2 tame birds taking bread on 12/2; Port Fitzroy, 4 at head of Forestry Bay on 13/2; Whangaparapara, 14 at head of bay on 14/2 (TGL).

NEW ZEALAND SHOVELER *A. rhynchotis*

L Half, Ngataki, c.40 on 27/1 (PM, KM). HQ Pond, Aupouri, 3 on 27/1 (AVH). Round Hill L chain, 17 on 23/2; L northwest of Round Hill, 28 on 23/2 (PM, KM). Manukau H census, winter 23; FoT census, winter 4 (BB). Matata, c. 240 on 1/6 (PCML). Ahuriri E, 55 on census 3/11, 171 on 14/7; Horseshoe L, 300 on 11/6, 320 on 19/8; L Poukawa, 60 on 17/6 (KVT). L Purimu, 600 on 6/4 (CFM). Westshore Lagoon, 400 on 3/6 (MT, PWT). Waitotara E, 21 on 1/6 (PB). L Horowhenua, 350 on 30/4 (WRJ). L Papaitonga, 260 on 27/7; Masterton SP, 175 on 9/9 (BDH).

BLUE DUCK *Hymenolaimus malacorhynchos*

Turiawae Stream, 1 during morning and evening on 13/4 (RD). Tongariro NP, Whakapapa Intake, calling continuously at water's edge, 8 reported on 23/2 (BS). Pohangina R headwaters, 1 adult with 4 young on 9/1 (SK). Munganiatae R, 2 pairs on 22/8 (AJDT).

NEW ZEALAND SCAUP *Aythya novaeseelandiae*

L Half, Ngatiki, 15 on 27/1; L northwest of Round Hill, 6 on 23/2; Southern Round Hill L chain, 21 on 23/2 (PM, KM). Straka's Refuge, Waiwera, 12 adults, 3 young on 19/1 (JES). Western Springs, Auckland, 1 female on

8/12 (PB). L Arapuni, 19 including 1 pair with 3 young on 28/12; L Ohakuri, 17 on 19/1 (ASR). Taharoa, L Nukumiti, 3 on 6/1; L Rototapu, 2 on 6/1; L Harihari, 2 on 9/1 (SC). L Whakamaru, copulation observed culminating in complete immersion of female by male which hung onto her neck, 26/11/83 (RMW). L Rotorua, Mokoia I, 900, of which less than 12 were female, on 19/5 (PB). Matata, 30 on 1/6 (PCML). L Tutira, 80 on 10/3; Horseshoe L, 50 on 11/6 (KVT). Wanganui, Kaitoki L, 28 on 23/9, 9 on 28/10 (OCT, CW). Mangakino Hydro L, 13 adults, 1 pair with 7 young on 29/12 (AJDT). S. Taranaki, farm pond on Manutahi Rd, 2 on 20/10 (BDH).

AUSTRALASIAN HARRIER *Circus approximans*

L Ohakuri, 6 including 1 bathing on 19/1 (ASR). Kaituna Cut, 2 adults, 5 subadults, possibly one family on 10/2 (PCML).

NEW ZEALAND FALCON *Falco novaeseelandiae*

Below Mt Tarawera, 1 seen to miss a Skylark on 19/5 (RMW). Urewera NP, Galatea Faces, 1 on 16/9 (BC). L Taupo Forest, a pair raised 2 young by 17/12 (JGI). Hongi's Track, Whakatane end, 1 on 23/2 (RMW). Kereu R mouth, 1 calling loudly in evening on 29/12 (DJO). Waipunga, Taupo Rd, 2 adults and 3 imms on 27/12 (REW, PWT). Totara Res, 1 on 18/8 (MO).

BROWN QUAIL *Synoicus sylphophorus*

Motukawanui I, Cavalli Group, common on 6/4 (TGL). Coromandel Pen, Opoutere, heard in summer, 2 on 24/12 (BB). Katikati, Tuapino, 5 in spring, 1 pair raised 5 chicks, 9 in June (BC). Maketu Spit, 3 on 30/9 (PCML).

CALIFORNIAN QUAIL *Lophortyx californica*

Matahui Pt, 1 pair with 3 chicks on 25/11 (PCML). Hastings, Davis Rd, 1 male on 19/12 and 18/2 (CFM).

BANDED RAIL *Rallus philippensis*

Great Barrier I, Port Fitzroy Forest HQ, a pair on 1/5; Tryphena H, Puriri Bay, 1 on 11/5 (PM, KM). Te Maunga, by main Tauranga — Mt Maunganui Rd, 1 feeding in open at 10 a.m. on 24/5 (PCML). Ohiwa H, Wainui Rd, 2 on 9/7, 1 killed by car on 17/11, 4 on 31/3; Patawa I, 2 on 11/7; Burma Rd, present on 22/1 (WMH).

WEKA *Gallirallus australis*

Cape Brett, several on 1, 2/9; Whangamumu, 1 on 8/9 (PM, KM). Coromandel Pen, Opito Bay, 1 on 4/2 (BB).

MARSH CRAKE *Porzana pusilla*

Waikato R, Potter's I, a labrador brought in 1 unharmed in May 1984 (AS). L Aniwhenua, widespread in raupo, several on 4/3/84 (JGI). Awaiti Wetlands, 1 on 8/6 (WMH). Peka Peka swamp, 1 in response to tape on 3/5 (HR).

SPOTLESS CRAKE *P. tabuensis*

L Waikare, east side near Humpbank Bridge, 2 came to taped calls on 3/3 (BB). L Aniwhenua, widespread in raupo, several on 4/3/84 (JGI). Clive, a juvenile feeding along the edge of a muddy creek for 30 mins joined for 10 mins by a wary and secretive adult on 12/3 (ARG, KVT). L Oinga, heard on several occasions in winter 1984 (JGH, RMH).

PUKEKO *Porphyrio melanotus*

St Johns L, 21 on 1/7 (TGL). Meadowbank, Old St Johns L, 21 on 1/7; Mangere Ponds, numerous in swamps (RBS). Hamilton L, 7 on 14/10, 9 on 27/4 (MBa). Ahuriri E, 23 on 3/11, 6 on census 14/7; L. Poukawa, c.100 on 17/6 (KVT). Westshore southern marsh, 12 on 8/6 (MT, PWT).

AUSTRALIAN COOT *Fulica atra australis*

L. Waipirohita, Karikari, 1 on 28/1 (AVH). Western Springs, Auckland, 3 pairs breeding in spring raised number to 16 (VL). L. Whangape, 3 on 16/1 (BJZ). Hamilton L, 83 with 3 juvs on 14/10, 175 on 23/2, 111 on 27/4 (MBa). L. Taupo, Motuoapa Marina, 1 on 17/4/84, perhaps first record for L. Taupo, 2 on 22/12, 7 adults and 15 young on 31/12, 30 on 12/6 (WRJ, DJO). L. Tutira c.200 on 15/9, c.65 including 1 juv on field trip 10/3 (ACS, KVT). L. Purimu, 4 on 26/12 (CFM). L. Westmere, 18 on 1/6; Virginia L, 150 on 11/5 (PB). Centennial Lag, 1 adult with 5 chicks, no date (LJD).

SOUTH ISLAND PIED OYSTERCATCHER *Haematopus ostralegus finschi*

Ruakaka E, c.52 on 10/5 (BHS). Mangere, Kiwi Esplanade, greatly favoured for roosting in wet weather, and feeding, c.2000 on 11/10, c.12 000 on 22/2, c.10 000 on 19/6 (RBS). Manukau H census, summer 3809, winter 19478; FoT census, summer 1636, winter 9076; Miranda to Taramaire, 8125 on 12/5 (BB). Karaka, c.8000 on 10/3 (SJD, AR). Coromandel Pen, Colville, c.150 in Sept and on 26/2 (JB, DAL). Kikowhakarere Bay, c.64 in Oct (DH). Raglan H, 120 on 23/6; Kawhia H, 1074 on 24/11, 2065 on 23/6; Aotea H, 100 on 24/11, 358 on 23/6 (FN). Bowentown Shellbanks, 74 on 24/11, c.450 on 8/6; Sulphur Pt, c.85 on 7/7 (BC). Little Waihi, 2 on 24/11, 9 on 9/6 (PCML). Ohope Spit, 25 on 24/11, 38 on 30/12 (WMH, PCML). Ohiwa H, Ruatuna Rd, 80 on 2/7, 139 on 10/6 (WMH). Ngaruroro R, 10 on 1/12 (WSC). Westshore southern marsh, 3 on 31/12, 22 feeding in boggy pasture on 9/6 (JLL, CFM, MT, PWT). Tangoio, 2 on 12/4 (JB). Blackhead B, 2 on 23/2 (CFM). Manawatu E, 85 on 10/2 and 7/4; Foxton B, 20 feeding on pasture on 22/1 (JLM, MM). Wanganui, South B, 22 no date (PB). L. Wairarapa, 25 on 27/1, 38 on 30/3, 26 on 19/5 (HAR).

VARIABLE OYSTERCATCHER *H. unicolor*

Tom Bowling Bay, 26 on 5/3; Ponaki Bay, North Cape, 7 on 6/3 (PA). Te Werahi, 17 on 1/9; Spirits Bay, 29 on 8/9; Great Exhibition Bay, 78 on 3/2; Kowhai B, 22 on 30/9; East B, 65 on 17/11; Karikari B, 9 on 1/10; Matai Bay, 18 on 13/6 (AVH). Houhora Bay, 66 on 9/3 (PM, KM). Rarawa B, 8 on 14/5; Ruakaka E, c.24 on 10/5 (BHS). Omaha Spit, 30 on 7/5 (SC). Brown's I, Hauraki Gulf, 5 including a territorial pair on 17/12 (PB). Port Onehunga, 1 on groyne on 1/7 (RBS, TGL). Great Barrier I, Nagle Cove, 3 at head of bay on 13/2; Port Fitzroy, 3 at head of Forestry Bay on 13/2 (TGL). Great Barrier I, on all sandy beaches on the east coast between 30/4 and 7/5 (PM, KM). Mangere, Kiwi Esplanade, 1 on 11/10 (RBS). Manukau H census, winter 2; FoT census, winter 1; Opoutere, 14 on 25/12; Waikato R mouth, Maioro Sand I, 2 on 19/8 (BB). Coromandel Pen, Colville, 44 on 26/2 (DAL). Tairua, 21 on 13/3 (DGB). Otahua E, 49 on 16/6; Whangamata, 8 on 16/6 (HS). Waiuku, Karioitahi, 6 on 7/9 (JVD). Raglan H, 2 on 23/6; Kawhia H, 7 on 24/11; 2 on 23/6; Aotea H, 1 on 24/11, 3 on 23/6 (FN). Bowentown Shellbanks, 13 on 24/11, 25 on 8/6 (BC). Sulphur Pt, 47, 1 nest with eggs on 24/11 (KF). Little Waihi, 38 on 24/11, 27 on 9/6; Maketu Spit,

7 pairs some with eggs others with 3-4 days old chicks on 24/11, 40 on 9/6 (PCML). Pikowai B, 6 possible paired with fresh scrapes on 29/7; Ohope Spit, 16 on 24/11, 8 pairs behaving as though they had chicks on 30/12, 12 on 8/6 (WMH, PCML). Ohiwa H, Wainui Rd, 30 on 13/2; Waiotahi E, 13 on 13/2; Waioeka R mouth, 6 on 25/7, 2 on 19/4; Coromandel Pen, Whangapoua B, 86 on 29/6; Waiaua R mouth, 8 on 1/4 (WMH). Motu R mouth, 2 pairs on 29/12; Raukokore R mouth, 2 pairs on 31/12 (DJO). Waitangi, 1 on 3/11 (JPCW). Blackhead B, 2 on 23/2 (CFM). Maraetotara E, 1 on 21/3, 2 on 23/5 (BMT). Ahuriri E, 4 on 8/6 (MT, PWT). Turakina E, 2 on 29/6; Hokio E, 8 on 8/7 (MO). Manawatu E, 8 on 6/2 (CRS, PMS, LJD), 15 on 11/8 and 27/10; Petone-Ngauranga, 5 on 9/4 (JLM, MM). L Wairarapa, 14 on 30/3 and 30/6 (HAR).

SPUR-WINGED PLOVER *Vanellus miles novaehollandiae*

Aupouri Pen, 43 on Jan survey (AVH). Auckland Region, 17 on 4 sites in June (MJT). Wharekawa, FoT, 4 on 10/4; Orere Valley, 2 on 9/5 (RBS). Manukau H census, winter 8; FoT census, winter 21; increasing rapidly and well distributed in South Auckland (BB). Whangamarino Swamp, eastern side, 3 on 7/9; L Arapuni, 7 on 28/12; L Ohakuri, 1 on 19/1 (ASR). L Ngaroto, 9 on 16/6 (RD). Otorohanga, 5 on valley flats near Rewarewa on 1/6 (AP). Pureora Village, 4 on 3/6 (BW). L Taupo, Waimarino R mouth, 4 on 10/3 (PG); near Poutu Canal, Turangi, 5 on 19/1 (PB). Katikati, Tanners Pt, 4 on 14/10; Matahui Pt, 5 in late June (BC). Papamoa B, 2 on 15/7, 4 mobbing a harrier on 28/8, 1 pair with 2, 3-4 days chicks on 7/9; Maketu, 2 on 28/12, Matata, 2 on 9/6 (PCML). Tararewa R mouth, 2 on 24/11 and 5/5; Rangitaiki R mouth, 7 on 4/5; Ohiwa H, Nukuhou E, 8 on 6/5 (RMW). Kawerau, present on 4/1; Raukokore E, 2 on 30/12 (DJO). Kiorenui, Kaingaroa Forest, present on 14/10 (WMH). Waitangi, 27 on 25/5 (MT, PWT). Ahuriri E, 45 on census 14/7; L Poukawa, 95 on 17/6 (KVT). Te Awanga, 10 on 23/3 (BMT). Tukituki R and Waipawa R, 85 on 30/11; Tutaekuri R, 11 on 3/12; Ngaruroro R, 52 on 1/12 (WSC). Manawatu E, 31 on 23/12, 52 on 8/7 (JLM, MM, BA). L Horowhenua, 47 no date (WRJ). Waikanae E, 13 on 8/12 (AJDT). L Wairarapa, 402 on 30/6 (HAR); L Onoke Spit, 30 on 1/12 (HAR).

GREY PLOVER *Pluvialis squatarola*

Paua, 1 on 5/11 (AVH). FoT, Miranda, 1 on 13/1 and 10/3 (RC, SJD, AR).

LEAST GOLDEN PLOVER *P. fulva*

Paua, 50 on 28/10 (AVH). L Ohia, 73 on 9/1 (PA). Takahiwai, c.15 on 23/3 (PM, KM). Jordan's Farm, Kaipara H, 44 on 12/2 (SJD). Manukau H census, summer 6, winter 1; FoT census, summer 62, winter 1 (BB). Karaka, 42 on 5/2 (BHS). Maketu E, 10 feeding on 28/12; Kaituna Cut, 47 on 10/2 (PCML). Ohope Spit, 1 on 17/11, 12 on 24/11, 12 on 7/2 (WMH, RMH). Maungawhio Lag, Mahia, 12 on 3/1 (PM). Westshore, southern marsh, 26 on 8/1 (MT, PWT); north pond, 2 on 3/2 (ACS). Ahuriri E, 16 on census 3/11 (KVT). Porangahau E, 1 on 17/11 (BDH, HAR). Manawatu E, 4 on 23/12 (BA), present from 6 Oct to 8 Apr, max 35 in Jan, Feb and Mar (JLM, MM). Foxton B, 2 on 22/1 (JLM, MM). L Wairarapa, 38 on 25/11, 37 on 30/12 and 9/2, 21 on 30/3 (HAR).

NEW ZEALAND DOTTEREL *Charadrius obscurus*

Ponaki Bay, North Cape, 4 on 6/3; Spirits Bay, 5 on 7/3 (PA). Te Werahi, 15 on 22/1; Tom Bowling Bay, 10 on 24/1; Great Exhibition Bay, 41 on 3/2; Kowhai B, 19 on 30/9; East B, 30 on 17/11; Rangaunu H, 35 on 1/11 (AVH). Rarawa B, 4 on 14/5; Ruakaka E, 2 on 10/5 (BHS). Omaha Spit, 45 on 2/3 (SC). Te Matuku Bay, Waiheke I, 22 on 28/1, 33 on 30/4 (BS). Brown's I, 10 plus 1 chick on 17/12 (PB). Mangere Airport, pair with 2 chicks on 22/11 (BG). Manukau H census, summer 21, winter 38; FoT census, summer 8, winter 15; Karaka, 7 on 8/11, 4 adults and a 2 egg nest on 27/11 (BB). Karaka, 8 of which 1 pair had 3 chicks and 1 pair 2 chicks on 12/1 (SJD, AR); 13, 7 being chicks on 20/1 (KJF); 14 on 19/4 (RP). Auckland International Airport, 4 pairs, 1 nest with 3 eggs (KJF, IS). Puhinui Creek Refuge, 4 on 30/12 (RC). FoT, Mataitai, 27 on 1/4 (AJG); Kawakawa Bay, 2 on 28/10; Matingarahi, 2 on 28/10 (RBS); Access Bay, 8 on 12/1 and 10/3 (BB, SJD, AR), 14 on 12/5 (BB). Coromandel Pen, Colville, 26 on 26/2; Pauanui Spit, 16 on 1/3 (DAL); Matarangi B, 1 pair on 28/10 (JB); Opoutere, 6, one 2 egg nest and a scrape (BB). Whangamata, 3 on 16/6 (HS). Tapu vicinity, 1 on 6/4 (CMM). Waikato R mouth, 5 on 12/12 (PB). Kawhia H, 7 and 3 egg nest on 24/11; 10 on 23/6; Aotea H, 2 on 24/11 (FN). Bowentown B, 3 on 8/6; shellbanks, 1 pair with 3 eggs on 24/11 (BC). Sulphur Pt, 3 pairs nesting on 25/11, 15 on 9/6 (AM). Kaituna Cut, 2 pairs holding territories on 30/9, 10 on 10/2; Maketu Spit, 10 pairs and 2 subadults on 12/8; 9 pairs, 2 3-egg nests, 1 1-egg nest, 1 nest with an egg predated by a gull on 30/9; 9 pairs, 1 with 2 and 1 pair with 3 downy chicks c.5 days old, 1 nest with deserted egg on 24/11; 22 on 9/6 (PCML). Little Waihi, 4 on 10/2, 7 on 9/6; Otamakarau-Herepuru, 2 pairs on 29/7; Tarawera R mouth, 1 pair on 9/6; Rangitaiki R mouth, 4 on 19/8 (PCML). Ohope Spit, 22 on 21/7, 7 pairs breeding on 24/11, 51 on 8/4, 48 on 8/6 (WMH, RMW). Waioeka R mouth, 7 on 7/9, 4 on 3/7; Waiau R Mouth, 15 on 14/7, 12 on 8/7 (WMH). Motu R mouth, 1 pair on 29/12 (DJO).

RINGED PLOVER *C. hiaticula*

Access Bay, first seen on 9/11/83, present 14/10 to 10/6, it assumed breeding dress with warm brown on back, well-marked black and white head pattern; its bow tie became a wide black pectoral band (BB).

BANDED DOTTEREL *C. bicinctus*

Ponaki Bay, North Cape, 12 on 6/3 (PA). Herekino, 20 on 13/6 (JS, MS). Te Werahi, 30 on 22/1; Spirits Bay, 8 on 8/9; Great Exhibition Bay, 19 on 3/2; East B, 24 on 28/1; Rangaunu H, 56 on 30/6; Waimango, 12 on 4/11 (AVH). Waikuku B, 30 on 24/1 (RT). Ruakaka E, 12 on 10/5 (BHS). Great Barrier I, Whangapoua E, 9 on 1/5; Kaitoke B, 14 on 6/5 (PM, KM). Manukau H census, summer 6, winter 534; FoT census, summer 4, winter 92 (BB). Karaka, 100 on 9/2, 411 on 11/4, 223 on 3/6 (SJD, AR, RP, BB). Miranda Coast, 57 on 3/7 (BB), 120 on 9/2; Miranda to Access Bay, 92 on 8/4 (SJD, AR), Miranda, c.125 on 10/3 (RBS). Port Waikato, Limestone Downs, 1 pair with 2 egg nest on 19/8 (TH). Coromandel Pen, Colville, 32 on 26/2; Pauanui Spit, 26 on 26/2 (DAL); Tairua, c.30 on 15/7 (DGB); Onemana, c.44 on 16/6; Whangamata, 37 on 6/3 (HS). Kawhia H, 10 on 24/11, 342 on 23/6; Aotea H, 8 on 24/11, 4 on 23/6 (FN). Mt Tarawera, several at summit on 29/12 (PM, KM). Hinemaiaia R, Upper Hydro L, 2 on pumice flat on 31/

12 (WAW). Bowentown B, 217 on 5/5, 6 on 8/6 one with colour band which was also present autumn 1984 (BC). Sulphur Pt, c.20 pairs breeding (AM). Otamarakau-Herepuru, c.7 pairs sorting out territories on 29/7; Otamarakau, 4 pairs with scrapes on 19/8 (PCML). Ohope Spit, c.350 on 1/7, c.500 on 8/6; Waioeka R mouth, 6 on 17/9, 16 on 26/5, 11 on 17/6; Waiotahi R mouth, 6 on 13/2 (WMH). Motu R mouth, 6 on 29/12; Raukokore R mouth, 6 pairs, 2 downy chicks, 2 fledged chicks on 31/12 (DJO). Maungawhio Lag, Mahia, 2 on 3/1 (PM). Westshore southern marsh, 30 on 8/1 (MT, PWT). Waitangi, 20 on 1/12 (KVT, RSS). Tukituki R and Waipawa R, 963 on 30/11; Tutaekuri R, 237 on 3/12; Ngaruroro R, 438 on 1/12 (WSC). Wanganui, South B, 60 on 20/5; Wanganui Airport, 55 on 15/6; Whangaehu E, 15 on 4/5; Turakina E, 65 on 13/5 (PB). Manawatu E, 59 on 6/2 (CRS, PMS, LJD), 85 on 8/4 (JLM, MM). Hokio B, 2 on 8/7 (MO). Manawatu R, Longburn, 12 on 9/5 (MKT). L Wairarapa, 116 on 30/12, 170 on 27/1, 259 on 9/2, 351 on 30/3, 259 on 30/6 (HAR).

MONGOLIAN DOTTEREL *C. mongolus*

Karaka, 1 from 14/10 to 27/11; in Oct it was pale grey above and snowy white below with fine high shoulder tabs (BB, DGB, KJF). FoT, Access Bay, 1 on 8/4 and in June, when it was still pale (SJD, KJF, BB).

LARGE SAND DOTTEREL *C. leschenaultii*

Karaka, 1 from 30/12 to 7/2 and on 5/5 (BB, DGB, KJF). Access Bay, 1 on 25/2 (KJF).

BLACK-FRONTED DOTTEREL *C. melanops*

Matata, 2 on 28/5 and 1/6 (BC, PCML). Ahuriri E, 28 on census 14/7; Te Awanga Ls field trip, 10 on 20/4 (KVT). Maractotara E, 9 on 31/3 (BMT). Tukituki R and Waipawa R, 368 on 30/11; Tutaekuri R, 134 on 3/12; Ngaruroro R, 127 on 1/12 (WSC). Turakina E, 3 on 30/9, 1 on 2/12, 2 on 10/2, 27 on 13/4, 2 on 29/6 (OCT, PB). Longburn SP, 43 on 24/5 (MKT). Otaki R, 1 on mud above main road bridge, 23/2 (BDH). Huangarua R, Martinborough, 7/4, 45 on same stretch as were 43 in Nov-Dec 1972 and 44 in July 1973 (BDH, HAR). L Wairarapa 2 on 30/3, 38 on 30/4, 36 on 19/5, 60 on 30/6 (HAR).

WRYBILL *Anarhynchus frontalis*

Great Exhibition Bay, 2 on 3/2; Kowhai B, 17 on 24/6 (AVH) Ruakaka E, 1 on 10/5 (BHS). Mangere Ponds, 17, evidently overstaying, on No. 4 pond on 31/10, c.600 on 6/6, c.420 on 19/6 (RBS). Manukau H census, summer 2, winter 1287; FoT census, summer 42, winter 2000 (BB). FoT, 2500 on 3/7, and 27/1, c.3000 on 24/3 (BB, CRV). Access Bay, 1500 on 12/4 (CMM). Coromandel Pen, Colville, 1 on 26/2 (DAL). Matahui Pt, 10 on 8/6; Kaituna Cut 2 on 30/9, 1 on 10/2 (PCML). Sulphur Pt, 51 on 8/6 (AM). Porangahau E, 6 on 18/11 (HAR). Manawatu E, present all months, 20 on 6/1, 22 in Feb (WRJ, MO, JLM, MM). Hokio B, 5 on 8/7 (MO). Turakina E, 1 on 30/9, 1 on 2/12 (OCT). L Wairarapa, 1 on 30/6 (HAR).

FAR-EASTERN CURLEW *Numenius madagascariensis*

Paua, 3 on 5/11 (AVH). FoT, Kaiaua, 2 on 2/12; Access Bay, 6 on 15/2 (RBS). Manukau H census, summer 6, winter 3; FoT census, summer 3 (BB). FoT, 7 on 26/2 (TC). Maketu E, 1 on 28/12 (PCML). Ohope Spit, 1 on 24/11 (WMH). Wanganui, South B, 1 on 14/2 (PB). Manawatu E, present from 10/11 to 10/3, max 3 (JLM, MM). Waikanae E, 1 on 17/12 (AJDT).

ASIATIC WHIMBREL *N. phaeopus variegatus*

Paua, 18 on 28/10, 32 on 5/11; Rangaunu H, 1 in Nov (AVH). Manukau H census, winter 15; FoT census, summer 25, winter 19 (BB). Karaka, 18 on 7/2, 12 on 14/4, 3 on 6/5 (KJF, RP, JU). FoT, 25 on 28/10 (RBS). Kawhia H, 2 on 23/6 (FN). Bowentown B, 1 tired bird probably just arrived on 15/9, seen until late Oct; Sulphur Pt, 1 on 14/4; Bowentown Shellbanks, 1 on 8/6 (BC). Kaituna Cut, 2 on 11/11, 4 on 24/11 and 10/2 (PCML). Ohope Spit, 1 on 17/11, 5 on 24/11, 4 on 7/2, 2 on 8/4 (WMH, RMW).

AMERICAN WHIMBREL *P. phaeopus hudsonicus*

Karaka, 8 on 27/11 (KJF, AVS).

WHIMBREL sp.

Takahiwai, 19 on 23/3, 12 on 22/6 (PM, KM). Manukau H census, Karaka, winter 1, 3 on 12/1 (BB, SJD, AR), 12 on 12/4 (CMM). Mahia, Maungawhio Lag, and Table Cape, 4 at each location probably the same birds as those that later flew to the north on 3/1 (PM, KM). Manawatu E, 2 possibly Asiatic on 25/11 (JLM, MM).

[BLACK-TAILED GODWIT sp.]

Takahiwai, 1 on 23/3 (PM, KM). Ohope Spit, probably Hudsonian on 24/11 (WMH, RMW). Kaituna Cut, presumably the same bird on 7/4 (BC).]

BAR-TAILED GODWIT *L. lapponica*

Paua, 5000 on 5/11; Kowhai B, 1800 on 10/11; Rangaunu H, 4500 in Nov (AVH). Manukau H census, summer 16 109, winter 1776; FoT census, summer 6319, winter 333 (BB). Karaka, 5000 in Nov (BB, SJD, AR). Access Bay, 4000 on 25/2 and 10/3 (SJD, KJF, AR), 252 on 9/5 (RBS), 1 albino all summer to migration (BB). Coromandel Pen, Colville, 40 on 26/2 (DAL); Tairua, c.120 on 13/3 (DGB); Opoutere, 140 on 24/12 (BB). Waikato R mouth, 10 on 12/12 (PB). Kawhia H, 2805 on 24/11, 243 on 23/6; Aotea H, 1 on 24/11, 171 on 23/6 (FN). Bowentown Shellbanks, c.2500 on 24/11, 120 on 8/6 (BC). Matahui Pt, 202 on 8/6 (PCML). Sulphur Pt, c.2500 on 25/11, 104 on 8/6 (PCML, AM). Kaituna Cut, 380 on 30/9, 520 on 24/11, c.800 on 29/12; Maketu Spit, 27 on 9/6; Little Waihi, 280 on 24/11, 9 on 9/6 (PCML). Ohope Spit, 260 on 1/7, 3200 on 24/11, 230 on 8/6; Waiohahi R mouth, 4 on 25/10, 6 on 13/2 (WMH). Westshore southern marsh, c.200 on 8/1 (MT, PWT). Tukituki E, 13 on 9/5, 13 on census 3/11; Ahuriri E, 360 on census 3/11, 31 on census 14/7 (KVT). Blackhead B, 54 on 23/2 (CFM). Meeanee, 11 feeding in a flooded field 2 km inland on 2/6 (MT, PWT). Porangahau Estuary, 173 on 18/11 (BDH, HAR), Manawatu E, 260 on 27/9, 420 on 6/1, c.380 on 10/3 (WRJ, JLM, MM). L. Wairarapa, 49 on 25/11 (HAR).

GREENSHANK *Tringa nebularia*

Waikuku B, 1 on 28/1 (RT). Matahui Pt, 1 now in 9th year of residence on 14/7, not present in spring, in worn breeding plumage on 6/2, in winter plumage on 8/6 (BC, PCML). L. Wairarapa, 1 on 13/1 and 9/2 with yellow legs (TCD, BDH, RNH, HAR, CFT).

MARSH SANDPIPER *T. stagnatilis*

Karaka, 1 from 28/10 to 11/4 (MG, SG, RP). Westshore northern pond, 1 from 19/2 to 24/2 (ALH).

WANDERING TATTLER *T. incana*

Karaka, 1 identified by its call on 30/12 (KJF). Weymouth, probably 1 of this species on 20/1 (RC).

SIBERIAN TATTLER *T. brevipes*

Jordan's Farm, Kaipara H, 1 on 28/10, 2 on 24/3 (SJD, AR). Aotea H, 2 on 24/11 (AP, BJZ).

TATTLER sp.

Ohope Spit, 1 on 24/11, 8/4 and 6/5 (WMH, RMW).

TEREK SANDPIPER *Xenus cinereus*

Manukau H, Puhinui Creek Refuge, 1 on 12/8 (RC). Karaka, 2 on 10/1 and 12/4 (BHS, CMM), 1 on 12/1 to 12/5 (BB, SJD, AR). Access Bay, 3 on 25/10 to 10/3 (KJF *et al.*). Waitangi, 1 on 24/11 (JLL, KVT). Manawatu E, 1 on 19/1 and 5/5 (JLM, MM).

TURNSTONE *Arenaria interpres*

Paua, 150 on 28/10, 1500 on 5/11; Great Exhibition Bay, 47 on 3/2; Kowhai B, 230 on 26/1; Rangaunu H, 510 on 15/11; Waimango, 74 on 4/11 (AVH). Otahuhu, Harania Creek, 2 on 25/11 (RBS). Manukau H census, summer 404, winter 51; FoT census, summer 74, winter 12 (BB). Karaka, 400 on 24/1, 500 on 10/3, 400 on 8/4, 9 on 3/6 (BB, SJD, AR, DGB). Puhinui Creek Refuge, 31 on 12/8 (RC). Access Bay, c.350 on 31/10, c.264 on 15/1, c.23 on 9/5 (RBS, BB). Kaiaua, 12 on 12/4 (CMM). Kawhia H, 4 on 23/6 (FN). Bowentown Shellbanks, c.200 on 24/11, 21 on 8/6 (BC). Kaituna Cut, 13 on 30/9, 25 on 24/11, 30 on 29/12; Maketu Spit, 4 overwintering on 12/8, 2 on 9/6; Little Waihi, 2 on 24/11 (PCML). Ohope Spit, 2 on 17/11 (WMH). Waitangi, 3 on 28/11 (PWT, MT). Ahuriri E, 2 on census 3/11; East Clive 1 feeding on concrete top of sewer outfall on 8/12 (KVT). Porangahau E, 2 on 18/11 (BDH, HAR). Manawatu E, 1 on 27/9, 1 or 2 from 6/10 to 24/2 (WRJ, JLM, MM). L Wairarapa, 5 on 25/11 (HAR).

KNOT *Calidris canutus*

Paua, 3000 on 5/11; Kowhai B, 2400 on 26/1; Rangaunu H, 1800 on 15/11 (AVH). Mangere, c.1000 on 11/10; Miranda, c.250 on 9/5 (RBS). Miranda to Taramaire, 1360 on 12/5; Manukau H census, summer 9950, winter 2211; FoT census, summer 4831, winter 95 (BB). Karaka, 800 on 29/7, 6000 on 10/11, 20000 on 20/1, 3000 on 20/3 (IS *et al.*); 7 dead in hide, 1 with Queenscliffe, Australia, band (3/6/84) on 19/5 (AR). Access Bay, 5000 on 31/10, 8000 on 25/2, 50 on 12/4 (BB, KJF, CMM). Aotea H, 1 on 23/6 (FN). Bowentown Shellbanks, 20 on 24/11 (BC). Matahui Pt, 1 overwintering on 8/6 (PCML). Sulphur Pt, 4 on 25/11 (AM). Kaituna Cut, 19 on 30/9, 120 on 24/11, 130 on 10/2; Little Waihi, 10 on 24/11 (PCML). Ohope Spit, 4 on 24/11 (WMH, RMW). Waitangi, 17 on 25/11 (MT, PWT). Ahuriri E, 3 on census 3/11 (KVT). Porangahau E, 18 on 18/11 (BDH, HAR). Manawatu E, present from 15/9 to 4/5, 20 on 27/9, 256 on 9/2 (WRJ, JLM, MM). Wanganui R, 3 on 23/9 (OCT). Waikanae E, 1 on 18/12 (AJDT). L Wairarapa, 55 on 25/11 (HAR).

SHARP-TAILED SANDPIPER *C. acuminata*

Paua, 4 on 5/11; Waimango 4 on 4/11 (AVH). Miranda, 9 on 3/2 (RBS). Karaka, 2 on 10/11, 8 on 11/4, 3 on 19/5 (SJD, AR, RP, ST). Access Bay, 15 on 12/1, 3 on 19/5 (SJD, AR, ST). Kaituna Cut, 1 on 30/9, 5 on 11/11,

7 on 24/11, 8 on 10/2 (PCML). Westshore, 6 on 3/2 (ARG, ACS). Manawatu E, 1 on 23/2 (JLM, MM). L Wairarapa 6 on 25/11, 7 on 30/12, 6 on 27/1, 4 on 9/2 (HAR).

PECTORAL SANDPIPER *C. melanotos*

FoT, Access Bay, 1 on 15/12 to 9/2 (BB, SJD, AR). Karaka, 2 on 30/12 to 11/4 (KJF, RP). Puhinui Creek Refuge, 1 on 12/8 (RC). Manawatu E, 2 on 9/2, 1 on 9/3 (JLM, MM). L Wairarapa, 1 on 25/11, 4 on 23/12, 3 on 30/12 and 13/1 (HAR).

CURLEW SANDPIPER *C. ferruginea*

Mangere, 1 with Wrybill on 31/10, 1 on 19/6 (RBS). Access Bay, 6 on 19/8, c.30 on 12/1, 6 on 14/4 (PB, SJD, AR, BB). Karaka, 1 on 14/10 (BB, DGB, KJF). Kaituna Cut, 1 on 30/9 (PCML). Manawatu E, 1 from 9/2 to 9/3 (JLM, MM). L Wairarapa, 1 from 25/11 to 9/2, with Golden Plovers (HAR).

RED-NECKED STINT *C. ruficollis*

Waimango, 3 on 4/11 (AJH). FoT, Access Bay, 15 on 15/1, 6 on 12/4 (RBS, CMM). Manukau H census, summer 16, winter 11; FoT census, summer 4 (BB). Karaka, 31 on 6/1, 35 on 14/4, 9 all pale on 3/6 (KJF, RP, BB). Aotea H, 2 on 24/11 (FN). Kaituna Cut, 3 on 30/9, 10 on 24/11 and 28/12 (PCML). Waitangi, 2 on 25/11 (MT, PWT). Westshore southern marsh, 4 on 3/11, 7 on 8/1 (KVT, MT, PWT). Porangahau E, 3 on 18/11 (BDH, HAR). Turakina E, 1 on 30/9 (OCT). Manawatu E, 1 on 27/9 still showing breeding plumage (WRJ). L Wairarapa, 1 on 25/11 (HAR).

PIED STILT *Himantopus himantopus leucocephalus*

Herekino, 12 on 2/6 (JS, MS). Twilight B, 7 on 30/10; Paua, 163 on 28/10; Great Exhibition Bay, 41 on 3/2; Tahanga, 244 on 30/6; Waimango, 27 on 16/6 (AVH). Mangere, up to 500 over summer, 2000 at the end of February, a massive departure in June (RBS). Manukau H. census, summer 543, winter 2962; FoT census, summer 770, winter 3424; Karaka, 729 on 1/7; Miranda, 561 on 12/5 (BB). Kawhia H, 212 on 24/11, 100 on 23/6; Aotea H, 63 on 24/11, 97 on 23/6 (FN). Bowentown Shellbanks, 184 on 8/6 (BC). Matahui Pt, 430 on 8/6 (PCML). Sulphur Pt, 25, 25/11 (AM). Kaituna Cut, c.100, 1 pair with 3 downy chicks on 11/11, c.300 on 9/6; Little Waihi, c.220 on 9/6; Matata, a high 230 on 1/6 (PCML). Ohiwa H, 250 on 8/6; Opotiki, Kukumoa, 93 on 17/6 (WMH). Ahuriri E, 232 on census 3/11, c.1000 on 5/5, 612 on census 14/7 (KVT, MT, PWT). Tukituki E, 50 on 25/5 (MT, PWT). Tukituki R and Waipawa R, 1106 on 30/11; Tutaekuri R, 239 on 3/12; Ngaruroro R, 461 on 1/12 (WSC). L Poukawa, c.600 on 17/6 (KVT). Turakina E, 20 on 13/4 (PB). Manawatu E, 107 on 6/2 (CRS, PMS, LJD), 320 on 23/2, c.450 on 4/5 (JLM, MM). L Wairarapa, 442 on census 25/11, 776 on 30/12, 842 on 19/5, 1159 on census 30/6 (HAR).

BLACK STILT *H. novaeseelandiae*

Piha, 1 matching node H on 8/3 and 12/3; Whatipu Lag, 1 on 17/3 and 19/3 probably the Piha bird (CS). Mangere Ponds, 1 smudgy on 6/6 and 9/6 (MJT, RBS, JAFJ, TGL). Weymouth, Palmers B, 1 pure black on 10/8 (RC). Miranda, 2 strongly marked hybrids and 4 with heavy black collars on 3/7 (BB). Coromandel Pen, Opoutere, 1 all-black except for one downy feather near vent, protecting a bird with typical white and brown-black plumage

of young pids and blacks on 25/3 (JW). Kawhia H, 11 and 1 hybrid on 23/6; Aotea H, 1 on 23/6 (FN). Manawatu E, single smudgy hybrid on 26/12, 10/3 and 5/5 (JLM, MM). L Wairarapa, 1 smudgy on 2/12, 2 smudgy on 30/12, 1 smudgy on 30/3 (HAR).

POMARINE SKUA *Stercorarius pomarinus*

Foxton B, 1 imm with white area on rump and large wing patches on 8/4 (JLM, MM).

ARCTIC SKUA *S. parasiticus*

Bream Bay, 2 on 28/4 (TGL). Access Bay, 1 on 9/2 and 7/4 (SJD, AR). Ohope Spit, 1 dark phase on 3/2 (WMH). Clifton to Cape Kidnappers, c.30 harrying White-fronted Terns, both pale and dark phase in a.m. on 6/1, none seen p.m. (PM, KM). Kapiti Island, 1 pale phase on 8/12 (HAR).

SKUA sp.

Bream Bay, 1 all-dark, perhaps a Pomarine, on 28/4; Tiritiri Matangi I, south, 1 with distinctive white rump harrying White-fronted Terns, perhaps a juv Pomarine, on 22/7 (TGL). FoT, Waitakaruru, 3 harassing Caspian and White-fronted Terns on 10/3 (RBS). Haumoana, 1 white phase harrying White-fronted Terns on 4/4 (ARG, KVT). Foxton B, singles on 29/12, 10 on 23/3 and 6/4 with c.5 on 8/4 presumed Arctic (JLM, MM).

BLACK-BACKED GULL *Larus dominicanus*

Dargaville West Coast, chasing prions on 5/8 (PM, KM). Manukau H census, summer 447, winter 276; FoT census, summer 553, winter 321 (BB). Raglan H, 42 on 23/6; Kawhia H, 53 with 3 chicks on 24/11, 35 on 23/6; Aotea H, 2 on 23/6 (FN). L Arapuni, 4 on 28/12; L Ohakuri, 10 on 19/1 (ASR). L Rotorua, Mokoia I, 2 with downy chick on 7/1 (PB). Raukokore R mouth, c.65 adults, c.35 nests, c.30 chicks varying from large downy to recently fledged on 31/12 (DJO). Ahuriri E, 356 on census 3/11, 252 on census 14/7; Waitangi, 108 on census 3/11, 400 on 9/5, 470 on census 14/7 (KVT). Tukituki R and Waipawa R, 664 on 30/11; Tutaeke R, c.600 on 3/12; Ngaruroro R, c.2050 on 1/12 (WSC). Foxton B, west of No 3 L, 50 pairs in colony (JLM, MM).

RED-BILLED GULL *L. novaehollandiae scopulinus*

Manukau H census, summer 10, winter 173; FoT census, summer 18, winter 2379 (BB). Coromandel Pen, Tairua, 200 and c.100 nests on 8/12 (DGB); Ruffins Rocks, 200 including juvs on 4/10, several pairs with fledglings on 16/10 (JB). Opoutere, Hikunui Rock, 130 sitting in colony on 21/10 (BB). Raglan H, 55 on 23/6; Kawhia H, 66 on 24/11, 78 on 23/6; Aotea H, 3 on 24/11 (FN). Maketu Spit, a first-time nesting colony with c.100 adults and c.100 chicks on 24/11 (PCML). Motu R mouth, c.100 adults with 10 recently fledged chicks on 29/12; Raukokore R mouth, 3 nests near a Black-backed Gull colony on 31/12 (DJO). Napier, Marine Parade, c.700 on 25/5 (MT, PWT). Waitangi, 230 on 12/7; Tukituki E, 250 on 9/5 (KVT). Manawatu E, 68 on 6/2 (CRS, PMS, LJD).

BLACK-BILLED GULL *L. bulleri*

FoT census, summer 60, winter 50 (BB). Miranda, 51 on 3/9; Miranda and Access Bay, 151 on 1/9 (BB, JAB). Access Bay Spit, c.50 incubating and 20 in attendance on 29/11, 10 sitting, 32 juvs and 7 chicks; when disturbed the young formed a tight bunch surrounded by adults on 11/1 (BHS). Kawhia

H, 1 on 24/11, 2 on 23/6 (FN). Matahui Pt, 8 on 8/6; Little Waihi, 1 subadult on 10/2, 3 on 9/6; Otamarakau, 1 on 9/6; Matata, 2 on 9/6; Tarawera R mouth, 2 on 1/6 (PCML). Opape B, 1 dead on 11/12 (WMH). Mahia Pen, more common than Red-billed Gulls in Jan; East Cape to Napier, more common than Red-billed Gulls in Dec and Jan (PM, KM). East Clive, 200 pairs nesting around edge of White-fronted Tern colony on 29/11, had a successful season; Tukituki E, 50 on 9/5; Waitangi, 500 on census 14/7; L Poukawa, 100 on 17/6 (KVT). Tukituki R and Waipawa R, 107 on 30/11; Ngaruroro R, 25 on 1/12 (WSC). L Horowhenua, 700 on 7/7 (WRJ). L Wairarapa, 107 on 30/3, 150 on 30/4 (HAR).

WHITE-WINGED BLACK TERN *Chlidonias leucopterus*

Karaka, 1 in non-breeding plumage with White-fronted Terns on 10/3, present on 20/3 (SJD, AR, KJF). Bowentown Shellbanks, 1 subadult between 16/1 and 20/1; Tarawera R mouth, probably the same bird on 23/2, both occasions with White-fronted Terns (BC). L Horowhenua, 1 from 2/7 to 15/12 (WRJ). Manawatu E, 2 imms on 19/1 (JLM, MM).

GULL-BILLED TERN *Gelochelidon nilotica*

Meeanee, 2 hawking over field on 8/7 (KVT, JLL). Ahuriri, E, 1 on 3/2, 1 on 18/6 (KVT, ACS).

CASPIAN TERN *Hydroprogne caspia*

Walker I, Rangaunu H, 60 on 18/8 (AVH). Mangawhai Spit, 17 pulli banded, c.45 had fledged on 16/12 (KRB). Tahuna-Torea Res. Tamaki E, 42 on 19/2 (MJT). Great Barrier I, present from Miners Head to Cape Barrier in April, May (PM, KM). Manukau H census, summer 34, winter 155; FoT census, summer 48, winter 124 (BB). Karaka, 45 on 5/5; Access Bay 80 on 3/7, both maximum winter counts (DGB). Waikato R mouth, 20 on 19/9 (BB). Coromandel Pen, Colville, 2 on 26/2 (DAL); scattered pairs breeding in isolated spots on the east coast (BB). Mercer, 1 above Waikato R on 26/6 (BJZ). Raglan H, 5 on 23/6; Kawhia H, 19 with 2 chicks on 24/11, 20 on 23/6; Aotea H, 7 on 24/11, 4 on 23/6 (FN). L Rotorua, Sulphur Bay, 38 on 17/3 (RWJ). Bowentown Shellbanks, 25 on 8/6 (BC). Matahui Pt, 13 on 8/6 (PCML). Sulphur Pt, 12 on 25/11, 42 on 8/6 (AM). Ohope Spit, 7 on 8/6, 29 on 7/2, 24 on 10/2 (WMH, RMW). Ahuriri E, 26 on 14/4, 15 on 6/6, 6 on census 14/7 (ACS, KVT). Tukituki E, 24 on 9/5, 17 on census 14/7; Waitangi, 25 on census 14/7 (KVT). Blackhead B, 5 on 17/1 (CFM). Te Awanga, 7 on 20/6 (KVT). Manawatu E, 12 on 6/2 (CRS, PMS, LJD), 30 on 4/5 (JLM, MM). Lake Wairarapa max. 10 on 30/6 (HAR).

BLACK-FRONTED TERN *Sterna albostrata*

Tarawera R mouth, 1 on 27/4, numbers gradually rose to 40 on 1/6 made up of R mouth 13, feeding over fields 21, Rangitaiki R mouth 6 (PCML). Meeanee, 20 hawking over sheep paddock on 12/7 (KVT). Waitangi, 14 on 4/8, last record for 1984; first arrivals 6 on 25/4; 34 on 19/5, 66 on 3/6; Ahuriri E, 2 on 5/5; Napier. Marine Parade, 34 on 11/5, 63 on 16/6 (MT, PWT). Manawatu E, 1 on 9/2 (JLM, MM). Waikanae E, 110 on 22/5 (AJDT). Waikawa B, Manakau, 1 2nd-year on 2/3 (BDH).

FAIRY TERN *S. nereis*

Waipu Sandspit, nest with 2 eggs on 28/11, 2 young on 13/12 (AG). Bird I, Tapora, 10 including 3 imms on 22/6 (SC, JED).

LITTLE TERN *S. albigrons*

Miranda, 6 on 15/1; 1 on 9/5 (RBS). Manukau H census, Karaka, summer 6; FoT census, summer 4 (BB). Access Bay, 9 on 31/12, 10 on 9/2, 3 on 12/4 (PB, SJD, AR, CMM). Kaituna Cut, Maketu E, 1 on 24/11, 3 on 28/12 (PCML). Manawatu E, 2 on 6/2 (CRS, PMS, LJD), 1 from 1 to 15/9, 2 from 16/9, 3 from 10/11 to 24/11, 2 from 10/12 to 7/4, 1 in summer plumage until 5/5 (JLM, MM, AJDT).

WHITE-FRONTED TERN *S. striata*

FoT, Kaiaua, c.80 with only 3 juv on 9/5 (RBS). Manukau H census, summer 46, winter 25; FoT census, summer 1055, winter 292; Access Bay Spit, c.250 with a few courting on 30/9, 800 on 31/10, c.700 incubating with 1500 present on 29/11, no chicks (BB). Coromandel H, Ruffin's Rock, 100 on 9/10 (JB). Aotea H, 1 on 24/11 (FN). Maketu Spit, 1 pair nesting, 1 egg near Red-billed Gull colony on 24/11 (PCML). Ohope Spit, 12 with 4 downy chicks on 10/2, 70 on 6/5, c.200 and 133 nests on 26/12 (WMH, DJO). Waiaua R mouth, 60 on 23/11, 72 on 1/4 (WMH). Motu R mouth, a colony of c.400 adults with young from large downy to recently fledged on 29/12 (DJO). East Clive, c.300 congregating at nesting site on 18/10, built up to a colony of 600 nests with a prolific season; Tukituki E, 40 on 9/5, 22 on census 14/7; Waitangi, 32 on census 14/7 (KVT). Blackhead B, 56 on 23/2 (CFM). Napier, Marine Parade, 140 on 2/6 (MT, PWT). Manawatu E, 33 on 6/2 (CRS, PMS, LJD), 200 on 10/3, 1000 on 8/4; Petone-Ngaurangi, c.70 on 19/3 (JLM, MM).

ARCTIC TERN *Sterna paradisaea*

Bowentown shellbanks, one on 20/1 (BC).

NEW ZEALAND PIGEON *Hemiphaga novaeseelandiae*

Motokawanui I, Cavalli Group, seems to be absent, or if present, very rare 6-7/4; Stanley I, a few in puriri trees on 23-30/7 (TGL). Papakura, Ponga Rd, 27 on 27/3; Red Hill, 10 on 31/5 (JVD, BB). Clevedon, Twilight Rd, 14 on 10/5 (AJG). Otanewainuku, 4 on 7/10 (PCML). Kawerau, 1 displaying on 24/12; Kereu R mouth, 3 displaying on 30/12; Raukokore R mouth, 7 on 31/12 (DJO). White Pine Bush, 15 in silver dollars on 9/10 (JB). Wanganui, St Johns Hill, 3 regularly (PB).

MALAY SPOTTED DOVE *Streptopelia chinensis*

Mangere Ponds, 170 feeding on seeds, grit and debris on 9/6 (GJM); Puketutu I, 50 on 6/6 (RBS, JAFJ, TGL).

BARBARY DOVE *S. risoria*

Mangere Ponds, 1 with Malay Spotted Doves on 6/6 (RBS, JAFJ, TGL). Thornton Wildlife Management Res, 1 on 3/5 (RMW).

WHITE COCKATOO *Cacatua galerita*

Pukekohe district, Puni to Mauku, 2 flocks of 12 and 18 feeding and calling in June (ICS). Waikato R mouth, 2 on 9/9 (AJG). Port Waikato, Limestone Downs, 11 on 14/5 (MG, SG). Wairamarama, Pukehau Farm, 60 being part of the 200-strong winter flock on 27/6 (DMW). Waingaro, 7 foraging in pasture under kahikatea on 9/9 (ASR). Otanewainuku, 2 flew in, roosted for 2 minutes then flew off to the west, very vocal on 7/10 (PCML). Rata, 40 on 21/6 (RS).

KAKA *Nestor meridionalis*

Great Barrier I, Mt Hobson, 6 in rimu forest near summit, others heard on the lower slopes on 11/2; Kiwiriki Bay, present on 12, 13/2; Whangaparapara Trig, several on 14/2 (TGL); seen in all parts of island in April, May (PM, KM). Manurewa, Olive Davis Reserve, 1 on 23/6 (JVD). Pukeowhare, B. Bishoff's farm, 3 on 17/7 (AS). Morrinsville, Howie Park, 1 in strawberry tree on 5/6 (PJ). Rotorua City, Lynmore, 1 on 1/10/83 (JRL). Pureroa, Bismark Rd, a flock of 26 on 31/8 (PB). Mt Maunganui, Arataki, 1 probably from Mayor I exhausted and hungry on 10/2; it was fed and released at Otanewainuku; the second instance in this location in less than 3 years (PCML). Matemateanga Waikway, Wanganui, 2 no date (CRS, PMS, LJD, RJW).

EASTERN ROSELLA *Platycercus eximius*

Clevedon, Polo Club ponds, 2 on 10/7 (JVD). Papakura, Red Hill, often recorded on edges of bush, 5 on 24/6 (BB). Coromandel Pen, Stony Bay, 6 on 14/4 (VL). Hamilton, 1 in compost bin in garden on 13/9 (MS). Levin, Kimberley Rd, 23 on 15/9 (MO).

RED-CROWNED PARAKEET *Cyanoramphus novaezeelandiae*

Stanley I, often flushed from the ground covered with seeds beneath tawapou groves on 23-30/7; Little Barrier I, a pair feeding on the flowers of elytranthe growing in the crowns of ancient beech trees on 14/11; Great Barrier I, Mt Hobson summit, a pair in rimu forest on 11/2 (TGL).

YELLOW-CROWNED PARAKEET *C. auriceps*

Dragon's Mouth Cove, Hen I, several feeding in the tops of kanuka trees on 11/7; Little Barrier I, a few on lower slopes in the kanuka forest on 8-20/8 (TGL).

PARAKEET sp. *Cyanoramphus* sp.

Great Barrier I, Whangaparapara, 2 on 5/5; Cape Barrier Rd, 2 on 9/5 (PM, KM). Maramarua SE, south end, ridge bush remnant, 16/9, 1 heard probably Red-crowned since they are in the Hunua Ranges (BB).

SHINING CUCKOO *Chrysococcyx lucidus*

Te Kao, first call 23/9 (PA). Waiotira, first heard on 22/9; Great Barrier I, Kiwiriki Bay, a pair of Grey Warblers feeding a well-grown juv on 12/2; Cuvier I, several young being fed by Grey Warblers in last week of Feb (TGL). Remuera, first heard on 31/10 (RBS). Papakura, Red Hill, 1 strongly barred, singing in wattle, no downward slur at song end on 29/9 (BB). Clevedon, 1 on 13/9 (AJG). Glen Massey, Te Puroa Res, 1 on 28/9; Hamilton, Rukuhia, up to 7 regularly visited a silver dollar gum in Jan (ASR). Opotiki, Waoeka Res, 1 coming from a nest in a pine tree on 24/10 (WMH). Tarawera R, 10 km upstream from Kawerau, 1 fledged by Grey Warblers with 2 adults singing in the vicinity on 27/12; Raukokore R mouth, 2 fledged accompanied by Grey Warblers on 31/12 (DJO). Blowhard Bush, 1 on 13/10 (CFM, KVT). Wanganui City, 2 regularly (PB).

LONG-TAILED CUCKOO *Eudynamys taitensis*

Little Barrier I, a fledgling with c.40 mm tail was fed by a female Robin at least twice on 9/1, later a chick in the same area was being fed by Whiteheads (IGM); Thumb Track, especially plentiful and noisy with much long calling in groups on 6-10/1 (BB). Otanewainuku, 2 calling on 7/10 (PCML).

Kereu R mouth, 1 on 30/12 (DJO). Black Birch Range, 1 on 9/12 (KVT). Wanganui, Matemateaonga Walkway, 15 on 18/1; Atene Skyline Walkway, 1 imm on 23/3 (SED, LJD). Whirinaki, c.12 in mixed podocarp forest on 1/1; Pureroa North Block, 3 on 30/12 (BAT, AJDT).

MOREPORK *Ninox novaeseelandiae*

Stanley I, a few on 23-30/7 (TGL). Remuera, repeated calls on 7/11 (RBS). Pikowai, 1 in fresh plumage dead at roadside on 29/7 (PCML). Kereu R mouth, c.5 on 30/12 (DJO). Foxton, Roundbush, 1 responded to taped calls (JLM, MM). Kai Iwi, 1 with weta in stomach dead on road (PB).

NEW ZEALAND KINGFISHER *Halcyon sancta vauensis*

Ahuriri E, 5 on 11/4 (KVT), 23 on 16/6 (MT, PWT). Te Awanga, 1 with mouse on 15/5 (BMT). Waimarama, 10 on 27/6 (KVT). Manawatu E, 9 feeding on mudflats on 8/4 (JLM, MM).

KOOKABURRA *Dacelo novaeguineae*

Kowhai L, South Kaipara Head, 1 on 10/2 (KRB). Mahurangi West, 1 on 30/3 (BAE).

NORTH ISLAND RIFLEMAN *Acanthisitta chloris granti*

Tongariro NP, most common bush bird in Chateau area of park in Jan (PM, KM). Mamuku Range, L Rotohokahoka track, 8 on 21/5; Desert Rd, Oturere Gully, a pair on 19/1 (PB). Urewera, Mt Manuoha, abundant on 24/12; Mt Tauhara, 1 in montane forest on 27/5 (MCS). Mohi Bush, Maracetotara, plentiful in Jan (MT, PWT). Black Birch Range, 1 on 9/12, 2 on 20/5 (KVT, ARG). Menzies Bush, Tararua, 14 seen and more heard (RAC). Eastbourne, Days Bay, 1 on 17/11 (JLM, MM).

SKYLARK *Alauda alvensis*

Turakina E, 2 flying with Banded Dotterels on 13/4 (PB).

WELCOME SWALLOW *Hirundo tahitica neoxena*

Ohinewai, Black L, 1 pure-white bird except for normal dark eyes and colour around mouth, feathers tattered, on 6/2 (BJZ, ASR). Papamoa B, a flock of c.100 feeding about cattle on 17/5 (PCML). L. Oinga, c.1000 winter 1984 roosting in an area 30 m square in raupo (JGH, RMH). L. Poukawa, c.400 on 7/5 (KVT). Ahuriri E census, 28 on 3/11, 86 on 14/7 (KVT).

FAIRY MARTIN *Petrochelidon ariel*

Papakura, Red Hill, 1 with Welcome Swallows after cyclone on 23/1 (BB).

NEW ZEALAND PIPIT *Anthus novaeseelandiae*

South Kaipara Pen, 8 on OSNZ survey 9-10/2; West Auckland beaches, present in low numbers (MJT). Otamarakau-Pikowai, 3 on this stretch on 29/7 (WMH, PCML). Raukokore R mouth, 3 pairs on 31/12 (DJO). Waipunga, Taupo Rd, numerous on 27/12 (REW, PWT). Clifton to Cape Kidnappers, 7 on 28/8 (ALH, KVT). Foxton B, adult male in display flight from 10/11 to 31/12 (JLM, MM).

HEDGESPARROW *Prunella modularis*

Motokawanui I, Cavalli Group, quite numerous on 6/4; Cuvier I, singing on 22/2 (TGL). Hastings, 1 on city lawn feeding on porridge scraps in winter 1984 (KVT); Davis Rd, 2 on 2/3 (CFM).

FERNBIRD *Bowdleria punctata*

North Cape, several in low scrub and rushes on 21/10; Swan L, Ngataki, heard on 27/1 (PM, KM). South Kaipara Head, 1 heard on 10/2 (KRB). Pollen I, Waitemata H, 17 in low scrub on 20/1 (DGB, CE). Great Barrier I, Te Ahumata, present in the plateau/crater scrub on 11/5; Kaitoke Swamp, common on 6, 12/5; Tongariro NP, Chateau to Mangatepopo Hut, in several areas of subalpine scrub on 8 and 10/1 (PM, KM). Pihanga, eastern slopes, 2 in bracken and broom on 23/6/84 (PHS). Hinemaiaia R, Upper Hydro L, 2 on 31/12 (WAW). Tongariro NP, Mangatepopo Hut track, many on 2/9 (BDC).

WHITEHEAD *Mohoua albigilla*

Otanewainuku, one party of 3 but most seemed to be in pairs on 7/10 (PCML). Blowhard Bush, field trip, 8 on 13/10; Black Birch Range, heard on 9/12 (KVT). Matemateaonga Walkway, Wanganui, many heard (LJD, CRS, PMS, RJW). Eastbourne, Days Bay, several males singing on 17/11 (JLM, MM).

GREY WARBLER *Gerygone igata*

Whangaparaoa Pen, Shakespeare Bay, a dominant singer on 9/9 (RBS).

FANTAIL *Rhipidura fuliginosa*

Waiuku, Glenbrook, pure white bird seen in Apr and mid-June (TH). L. Rotorua, Mokoia I, 200 including 160 in feeding flock over summit on 19/5 (PB). Levin, 1 black phase being harassed by 2 pied birds on 14/4 (MO).

PIED TIT *Petroica macrocephala tottoi*

Pukerenga Hills, Kaiwaka, 1 male on 16/12 (PA). FoT, Waharau, 2 males and a female on upper track on 24/2 (BB, BJB, ND). Otanewainuku, still plentiful on 7/10 (PCML). Kawerau, 1 near river on 24/12 (DJO). Rotoma, frequently seen in summer but previously scarce (RMW). Blowhard Bush, field trip, 1 heard on 13/10 (KVT). Wanganui, Lismore Forest, 2 on 26/8 (OCT). Eastbourne, Days Bay, 1 male on 17/11 (JLM, MM).

NORTH ISLAND ROBIN *P. australis longipes*

Little Barrier I, Valley and Thumb Tracks, singing part song on 6-10/1 (BB). Hinemaiaia R, road to Lower Hydro L, 1 singing on 7/10 (WAW). South Whakarewarewa SF, 1 in *Pinus radiata* on 21/7 (JGI). Otanewainuku, plentiful with cocks singing lustily a.m. on 7/10 (PCML). Wanganui, Matemateaonga Walkway, 4 on 18/1 (CRS, PMS, LJD, RJW).

SONG THRUSH *Turdus philomelos*

Mangonui R, Waiotira, first full song on 4/5 (PA). Otanewainuku, 1 singing lustily in bush on 7/10 (PCML). Hastings, first song on 21/4 (KVT).

BLACKBIRD *T. merula*

Kaikohe, first full song heard on 19/6 (PA). Katikati, a male partial albino in June, has been present for 2 years (BC). Otanewainuku, numerous in native forest on 7/10 (PCML). Te Awanga, 1 singing subsong on 29/5 (BMT). Foxton B, a very notable influx on 7/7 (JLM, MM).

STITCHBIRD *Notiomystis cincta*

Cuvier I, several pairs from June 1982 transfer bred successfully during 1983-84; c.20 present in Feb 1984; in March only 1 despite a fortnight's

searching; it appears the population is dying out; a booster transfer of 30 made from Little Barrier I in April (CRV, TGL). Little Barrier I, rather quiet but a male flew at my head during lunch 6-10/1 (BB).

BELLBIRD *Anthornis melanura*

Stanley I, scarce on 23-30/7 (TGL). FoT, Waharau, 1 sudden snatch of song on 9/5 (RBS). Mangatahi, Ngaruroro R, 1 in willows on 19/1 (MT, PWT). Taradale, 1 in garden feeding on winter cheer pokers on 11/6 (ARG). Te Awanga, 1 heard on 26/2 (BMT).

TUI *Prothemadera novaeseelandiae*

Middlemore, Auckland, now often heard (RBS). Clevedon, Tawhitokino, a few in kowhais; Kawakawa Bay, Richardson's farm, c.100 in kowhai grove with 31 in one tree, all on 26/8 (BB, JVD). Manurewa, Hill Rd, 1 eating an apple on 29/6 (JVD). Wanganui, St Johns Hill, 8 regularly (PB).

YELLOWHAMMER *Emberiza citrinella*

Little Barrier I, several in rank pasture on 19/8 (TGL). Haumoana, 30 feeding on tarsealed road on 6/6 (KVT).

CHAFFINCH *Fringilla coelebs*

Waiotira, song on 4/8; Stanley I, 1 singing on 26/7 (TGL). Remuera, first full song on 25/8 (RBS). Otanewainuku, numerous in native forest on 7/10 (PCML). Haumoana, 30 feeding in vineyard on 6/6 (KVT). Hamilton, first call of the season on 31/8 (PA).

GREENFINCH *Carduelis chloris*

Remuera, first 'jeering' on 13/9 (RBS). Pirongia, first call of the season on 10/8 (PA). Te Akau, Waimai, c.550 in ploughed paddock on 19/5 (FN). Mt Tongariro, flying over summit west to east on 2/9 (BDC). Meeanee, c.250 on 25/5 (MT, PWT). Ahuriri, c.40 feeding on seeds of hedge mustard on 8/4 (KVT).

GOLDFINCH *C. carduelis*

Remuera, attracted by seeding zinnias throughout April (RBS). Ahuriri E, c.400 on 2/3; Te Hauke, c.500 on 8/4 (JLL, CFM, KVT).

REDPOLL *C. flammea*

FoT, Waharau, 3 on 15/12 (BB). Meremere, Whangamarino Swamp, large flocks on 5/8; Humpback Bridge, 1 a streaky imm slightly red on head and breast on 5/8 (PB). Kawerau, c.6 singing on 24/12; Raukokore R mouth, 6 singing on 31/12 (DJO). Mangatahi, 2 feeding on mullein seedheads on 20/10 (MT, PWT). Waipunga, Taupo Rd, numerous on 27/10 (REW, PWT).

HOUSE SPARROW *Passer domesticus*

Hastings, c.4000 roosting in oaks on 13/6 (KVT).

STARLING *Sturnus vulgaris*

Remuera, young left nest on 19/11 (RBS). Hastings, Civic Square oaks, c.2500 arriving to roost from 1630 to 1715 hours on 7/5; Haumoana, a whirling mass of c.4500 high in the air while c.200 were in a vineyard eating grapes on 22/5 (KVT).

INDIAN MYNA *Acridotheres tristis*

Remuera, young just out of nest on 15/3 (RBS). Pukahu, 32 mainly in small flocks on 17/6 (KVT).

NORTH ISLAND SADDLEBACK *Philesturnus carunculatus rufusater*

Motokawanui I, Cavalli Group, has been breeding, but transfer does not seem to be quite as successful as those to other kiore-only islands; only 15 on 6-7/4 (TGL). Tiritiri Matangi I, breeding successfully after release of 24 birds in Feb 1984 (JLC). Tiritiri Matangi I, thriving, many using roost and nest boxes in 1984-85 season; Little Barrier I thriving but possibly 3 instances of nests predated by kiore; Stanley I, numerous, population several hundred on 23-30/7, many using roost and nest boxes; Fanal I, Mokohinau Group, 29 released near north-western end on 3/3 (TGL). Little Barrier I, one challenging passers-by from the ranger's hedge 28/3-2/4 (BB).

NORTH ISLAND KOKAKO *Callaeas cinerea wilsoni*

Little Barrier I, 24 birds transferred from Rotorua between October 1981 and April 1983, 9 resighted in 1984-85 season; one pair had well-grown dependent juv in Jan, 6 including a pair of locally bred found (TGL). Rangitoto Ranges, Cowan Wildlife Refuge, c.8 singing on 13/4 (RD). Pirongia, Mt Mahaukura, 2 on eastern slope on 12/11 (MCS).

WHITE-BACKED MAGPIE *Gymnorhina tibicen hypoleuca*

Riverside, Whangarei, recent fledgling on 4/9 (PA). Raukokore R mouth, common, one flock of 35 on 31/12 (DJO).

ROOK *Corvus frugilegus*

FoT census, Miranda, winter 78 (BB). Waitakaruru, 6 on 6/4 (CMM). Poronui Station, east of Taupo, 1 with magpies on 31/5 (JH). L Poukawa, c.40 on 17/6 (KVT). Levin, 2 on 11/4 (WRJ).