

CLASSIFIED SUMMARISED NOTES 30 June 1981 to 30 June 1982

Compiled by D. F. BOOTH

Contributors: P. Anderson, A. A. Baikie, D. G. Baker, M. L. Barlow, M. Barnes, D. J. Bate, B. D. Bell, D. O. Bergin, K. Bond, D. F. Booth, B. Brown, J. A. Brown, L. Buchanan, K. E. Butler, W. F. Cash, S. P. Chamberlin, J. Cheyne, P. Child, R. Child, B. Chudleigh, W. J. Cooper, M. Craven, T. Crocker, D. Crouchley, J. Cunningham, M. J. Daly, L. J. Davies, M. D. Dennison, J. Driksen, B. Elliott, B. A. Ellis, G. Falla, J. F. M. Fennell, J. S. Fennell, K. J. Fisher, K. I. C. Fletcher, G. Foreman, D. Garrick, R. Giblin, B. Glass, K. Glass, B. S. Goffin, A. J. Goodwin, M. & S. Graham, R. Grout, R. & G. P. Guest, A. Habraken, H. Hagen, J. G. Hampton, J. Hastie, T. Hatch, J. B. Hawkins, J. M. Hawkins, J. R. Hay, B. D. Heather, C. Holloway, A. & L. Howell, P. Howlett, W. M. Hutton, J. Innes, R. W. Jackson, P. Jenkins, B. Johnson, S. Johnson, M. P. Kearns, B. R. Keeley, R. E. Lambert, P. C. M. Latham, C. S. Lauder, R. W. Lawes, J. R. Leathwick, O. J. Linscott, J. Lloyd, J. Marshall, P. Mayhill, D. G. Medway, J. C. Medway, D. V. Merton, C. Miskelly, S. Moore, J. L. & M. Moore, J. V. Morrison, K. Morrison, A. K. Munn, A. McCutcheon, R. & T. McKenzie, L. Newman, F. Nievwand, C. F. J. O'Donnell, C. C. Ogle, D. J. Onley, R. Parrish, N. Peachman, G. M. H. Peterson, A. & B. Poulton, D. Russell, P. M. Sagar, C. Saxby, B. Searle, J. H. & B. H. Seddon, R. B. Sibson, L. Silcock, J. F. Skinner, M. Skinner, I. Southey, S. C. Sparrow, J. E. Squire, B. M. Stacy, D. M. Stacy, S. A. Sutherland, R. R. Sutton, N. Tanner, B. M. Taylor, G. A. Taylor, K. J. Taylor, M. J. Taylor, F. Thompson, K. V. Todd, W. & M. Twydale, J. Urquhart, C. R. Veitch, D. M. Walter, N. J. Ward, J. Watt, R. M. Weston, R. W. Wheeler, R. Wheeldon, J. P. Whittle.

E & O E

Abbreviations: BoP — Bay of Plenty; est. — estuary; FP — Forest Park; FoT — Firth of Thames; H — Harbour; HB — Hawkes Bay; I — Island; NP — National Park; pen. — peninsula; R — River; RP — Regional Park; SF — State Forest; SP — sewage ponds.

BROWN KIWI *Apteryx australis*

Tapora, 16 from Northland released between 3/1 and 28/3 (MJT). Waitakere Valley, Auckland, 16 from Northland released between 11/10 and 28/2 (MJT). Opoutere, Coromandel Pen., Jan, often found injured or caught by working parties burning off in Tairua Forest (T. Debenham, Forest Service, per BB). Papamoa Hills, Te Puke, plentiful Jan (GAT). Upper Waitotara R., 1 heard on 25/10 (LJD). Bushy Park, Kai-iwi, 1 found in locality on 3/4 and released in RF&B Reserve (DGM). West Jacket Arm, Stick Cove, 3 males calling simultaneously on 3/3 (KM).

GREAT SPOTTED KIWI *A. haastii*

Arthurs Pass Village (estimated Grid Ref. S59060281), 1 on 2/4 heard calling (GAT).

YELLOW-EYED PENGUIN *Megadyptes antipodes*

Little Fishermans Bay, Banks Pen., 1 came ashore on 12/12 (JMF, JSF). Cape Wanbrow, Oamaru, regularly seen summer 1981-82, possibly breeding (CFJO). Manukau Point, Chatham Is., female on 13/12 walking to empty nest under dead olearia (MDD).

BLUE PENGUIN *Eudyptula minor*

Little Barrier I, coming ashore in evening, late June (GAT). Stephens Bay, 2 on 22/3 in rock crevice (BE). Oamaru Wharf and Cape Wanbrow, breeding summer 1981-82 (CFJO). Mangere I, laying late Oct-Nov; many moulting mid-Jan (DC).

WHITE-FLIPPED PENGUIN *E. minor albosignata*

Little Fishermans Bay, Banks Pen., 2 on 12/12 on nests (JMF, JSF).

FIORDLAND CRESTED PENGUIN *Eudyptes pachyrhynchus*

Broughton Arm, Marlborough, 4 on 7/3 (PJ). Charleston, 1 ashore on 14/10 alive but very weak with legs amputated above the tarsus (DJO). On 30/10 large penguin tracks amongst Little Blue Penguin tracks, probably this species (DJO). Chalky Inlet, single birds still at moult sites in caves 25/2 - 2/3 (KM).

CRESTED GREBE *Podiceps cristatus*

Lake Grassmere, 3 on 11/7 (PMS). Lake Rotoroa, Kaikoura, 2 on 12/10; nest with 1 egg reported by JC on 26/11 but nest without egg 11/12 (BE). L. Sarah, 1 immature 12/4 (CFJO). West Coast Lakes surveys May, L. Mahinepua 0, L. Kanieri 0, L. Mapourika 3, L. Wahapo 0, L. Paringa 4, L. Moeraki 6, L. Mathieson 0, L. Ianthe 0; Jan (19/1) L. Mapourika 6, L. Ianthe 7, L. Rotokino 4, White Heron Lagoon 2, breeding (CFJO). L. Emily, 3 on 18/3 (PJ). Maori Lakes, 2 on 18/3 (PJ). L. McGregor, 3 on 2/4 (CFJO). Ashburton lakes surveys, Jan, L. Heron (17), L. Emily (0), Maori Lakes (1), L. Denny (2), L. Emma (4), L. Roundabout (0), L. Camp (0), L. Clearwater (9); Feb (5/2), L. Heron (17 including 3 independent young), L. Emily (2), Maori Lakes (2), L. Denny (2), L. Emma (8), L. Roundabout (0), L. Camp (0), L. Clearwater (7), (CFJO). L. Pearson, 5 on 11/7 (PMS). L. Alexandrina 2/4, 45 adults and 8 broods, 6 of 2 young, 1 of 3 young and 1 of 1 young (CFJO).

NEW ZEALAND DABCHICK *P. rufopectus*

Matamata, 3 on 30/3 on artificial pond (PA). Whitehall (Cambridge), 3 on 30/3 on artificial pond and swamp (PA). Tirau, 2 on 25/3 (PA). Sulphur Bay, L. Rotorua, 74 on 15/5 and up to 95 on 17/6 (GAT). Waimangu Thermal Area (southern crater lake), 2 pairs on 7/2 (1 with 2 young) (RWI). Poutu Stream, L. Rotoaira, 2 on 15/1 (DJB). L. Tutira, 2 on 3/2 (RMW). Westshore Lagoon, 23 on 26/4 (CS, A&BP), 25 on 14/5; 2 early-stage juveniles (striped heads) and 2 late-stage (pale grey) (GAT). Horseshoe L., HB, 11 on 20/3 (KVT). L. Hatuma, HB, 4 on 13/5 (GAT). Manawatu Coastal Lakes on 21/3, 2 at L. Ngakawau, 6 at Oturoa Road Lagoon,

5 at Foxton No. 5 Lake, 11 at L. Koputara (LJD). Foxton Beach, 7 on 6/6 at No. 1 Lake (JLM, MM). L. Horowhenua, 16 on 1/5 (JLM, MM); 191 on 11/5, a record count; a large flight of 60+ seen to fly 100 m across lake in dense flock, before spreading out to feed on the south-west arm. On same day, 4 on nearby L. Papaitonga (GAT). L. Onoke, farm pond west side, 1 pair and half-grown chick on 13/4; southernmost known breeding pair (BDH).

HOARY-HEADED GREBE *P. poliocephalus*

Bromley SP, Christchurch, 1 on 5/7 (CM).

AUSTRALIAN LITTLE GREBE *Tachybaptus novaehollandiae*

St. Annes Lagoon, Cheviot, 1 on 10/7 (CM), 2 on 23/10 (BE), 2 on 25/10 in full breeding plumage (PMS); 1 on 5/3 (CFJO). Charleston, 1 on 6-10/8 and 24/9-4/10 on small dune pond; 1 on 28/5-2/6 (DJO). Kokatahi, 2 on 12/6 on bush pond (CSL).

WANDERING ALBATROSS *Diomedea exulans*

Foxton Beach, 1 on 26/6 passing north (JLM, MM).

NORTHERN ROYAL ALBATROSS *D. epomophora sanfordi*

Whakatiwai, FoT, 1 ashore alive on 28/2; rescue operation at Auckland Zoo in vain (RBS). Cook Strait, several seen on 10/5 (GAT).

YELLOW-NOSED MOLLYMAWK *D. chlororhynchus*

Pinnacles, Poor Knights, 3 on 17/5, offshore (CM). Tolaga Bay, 1 on 9/9 came near to boat and took fish offered (GF). Croiselles Harbour, 1 immature on 20/8 (JBH). Tasman Bay, 1 adult on 2/8 (JBH).

LIGHT-MANTLED SOOTY ALBATROSS *Phoebastria palpebrata*

Te Aroha, 1 on 4/6 blown inland (RBS).

GIANT PETREL *Macronectes* spp.

Kawau to Little Barrier Is., 5 on 1/9 (CM). Waiheke Is., 1 on 26/11 offshore (BB). Waitara R. mouth, 3 offshore on 5/7; 2 found alive onshore at Waitara and Awakino in July later released; Waiwakaiho R. mouth, New Plymouth, 1 offshore on 1/8; Cape Egmont, 1 offshore on 10/10 (DGM). East Clive, HB, 12 on 29/10 near sewer outlet (KVT). Foxton Beach, 6 on 25/10 passing south (JLM, MM). Ngauranga, Wellington, 9 on 8/1 — present Jan-Mar (JLM, MM). Waitaki R. mouth, 1 on 11/3 (CFJO). Oamaru, 1 on 16/11 (CFJO).

CAPE PIGEON *Daption capense*

Nelson Haven, c.20 on 21/6 at sewage outlet (JHS).

GREY-FACED PETREL *Pterodroma macroptera*

Busby Head, Whangarei, calling at dusk 16/5 (CM). Aorangi, Poor Knights, calling at dusk 17/5 (CM). Karioitahi (near Waiuku), 1.5 km north, 10/4, 7 burrows (TH). Ohope, 1 on 27/4 picked up, car-injured (WMH). New Plymouth, July, 1 alive in residential area (REL).

MOTTLED PETREL *P. inexpectata*

Matata Beach, 1 on 18/5 found dead (GAT). Lake Hauroko, Fiordland, breeding 2/4 (WJC).

KERGUELEN PETREL *P. brevirostris*

Blockhouse Bay, 1 on 6/9 (wrecked) (RBS). Waitakaruru (Canal West Road) 9/9, 1 found dead near electric fence on Burdus property, identified by LB and sent to Auckland Museum (BB). Te Kuiti, 1 found dead, Sep (DG). Onaero Beach, 6 onshore on 2 & 3/10 were still alive when found (B. Stephens). N Taranaki (Kiwi Road), 1 on 25/9 found inland dead (A. Cadman). Tikorangi, New Plymouth, 1 alive on 7/8 (RWW). Bell Block, New Plymouth, 1 alive on 12/9 (RWW). Waikanae Beach, 1 on 27/9 caught alive on beach but later died; several reports of sightings from Wellington West Coast beaches around this date (BMS, DMS). Charleston, 1 on 3/9 flying over paddocks (DJO).

COOK'S PETREL *P. cookii*

Little Barrier, 7 south-west on 1/9 (CM). Hamilton city, 1 on 5/4, injured and later died (FN).

BLACK-WINGED PETREL *P. nigripennis*

Kokota Spit, Parengarenga, 30/1, 6 offshore; 2 in courtship flight over Cape Maria Van Diemen; c.160 cat-killed Pitokuku Hill and 2 landed by flashlight (CM, DFB). Waihou Beach, East Coast, 2 possibles calling after dark on 12/11 (BRK). Mangere and South East Is, heard calling at night from late Nov (DVM). Remains in skua middens on higher parts of both islands Dec-Jan (DC). Star Keys Is, 6/1, many corpses in skua middens (WFC).

BLUE PETREL *Halobaena caerulea*

New Plymouth, 1 on 24/9 found alive in St. Mary's Churchyard (AAB). Foxton Beach, 2 on 13/9 flying north; white tip to tail visible (JLM, MM).

BROAD-BILLED PRION *Pachyptila vittata*

Mangere and South East Is, Sep — incubating; late Oct — hatching; many large chicks with heavy infestation of ticks on head and throat (DC); late Jan, most chicks dispersed (CRV).

FAIRY PRION *P. turtur*

Mangere Is., laying early Nov (DVM).

PRION sp.

Port Waikato, 1 on 4/7 flying south along beach over breaking waves being harrassed by 2 Red-billed Gulls as it tried to get back out to sea (AH).

WESTLAND BLACK PETREL *Procellaria westlandica*

Grey R. mouth, Apr-May, several following fishing boats (NJW).

FLESH-FOOTED SHEARWATER *Puffinus carneipes*

BoP, numerous (WMH). Ship Cove, Queen Charlotte Sound, 3 pairs on 12/1 resting on calm water (SCS). Lyttelton Harbour, 1 on 15/12 (SCS).

BULLER'S SHEARWATER *P. bulleri*

Aorangi, Poor Knights, 17/5, flying in after dusk (CM). Whale

WHITE-FACED STORM PETREL *Pelagodroma marina*

Tutukaka to Poor Knights, 1 on 17/5 (CM). Waiheke I, 2 on I, 200/300 on 27/3 (WMH).

26/11, offshore (BB). Cape Colville, c.20 offshore 26/12 (CM). BoP, 27/3 numerous (WMH); Papamoa Beach, 1 on 26/9 blown ashore alive (PCML).

DIVING PETREL *Pelecanoides urinatrix*

Poor Knights, 24 offshore 17/5 (CM). Little Barrier, 10 south-west, 1/9 (CM).

AUSTRALASIAN GANNET *Sula bassana serrator*

Muriwai Stack, 25/3, colony thinning out, plenty of space; c.100 adults, 12 brown juveniles, wings flapping (RBS). Horuhoru colony, Hauraki Gulf, 5000+ on 26/11, nesting well advanced with some grey "checkered" young and some at "powder-puff" stage (BB). Onehunga, 3 on 29/4 came up with tide (RBS). Manukau H. census, 5/7, 21; 13/12, 1 (BB). Karaka, 16/8, 41; 7/6, 57 (BB, KJF). Black Reef, HB, 60 adults, 18 speckled juveniles out on water 13/5 (KVT). Waverley Beach, 1 on 12/3 (CFJO). Foxton Beach, 12 on 16/5 flying north (JLM, MM). Farewell Spit, 12/11, 1 immature seen among several adults (white with brown mottled wings) (BDH); 9 on 13/11 on salicornia flat between lighthouse and Mullet Creek, engaged in courtship display (BDB *et al.*). Motueka Sandspit, 3 on 27/3 (BE).

BLACK SHAG *Phalacrocorax carbo*

Tahকেরoa, 2 on 10/4 (DGM). Manukau H census, 13/12, 21; 25/7, 131 (BB). FoT census, 15/11, 11; 27/6, 28 (BB). Whangamarino Creek, on 17/9, 2 colonies, one of 3 nests with 2 adults present and one of 10 nests with 21 adults (AH). Port Waikato, 175+ on 9/5 (BB). 130 on 21/12 (AH). Matakana I, 12/6, 12 nests in tops of large pines; birds carrying sticks; 1 juvenile seen (BC). Tarawera R. mouth, 8 on 17/4 flying in V-formation (PCML). Patea R. mouth, 3 on 3/4 (DGM). Tukituki R. est., 40 on 17/3 (JL, KVT). Horse-shoe Lake, HB, 90 on 20/3 (KVT). Manawatu R. est., 26 on 16/5 (JLM, MM). L. Ryan, Mar-Jun max. 3 (NJW). L. Mahinapua, 1 on 30/11/80 at nest in tall Kahikatea (NJW). Butcher's Dam, Alexandra, 51 on 26/4 resting and preening (biggest congregation ever seen) (PC). Lower Hollyford R., 20 on 3/8 (WJC).

PIED SHAG *P. varius*

Tom Bowling Bay, Te Huka, 15 nests on 29/5 in pohutukawas with birds sitting (PM per BHS). Hobson Bay, Auckland, colony reached a maximum of 20 nests on 4/10 (MJT). Remuera, often to be seen flying over and crossing the isthmus (RBS). Karaka, 53 on 7/6 (KJF). Manukau H census, 216 on 13/12; 299 on 25/7 (BB). FoT census, 20 on 15/11; 75 on 27/6 (BB). BoP, Kaituna Cut on 6/12, c.20 pairs nesting in pines by river (PCML); young present in nests, 15/6 (GAT); Tarawera R. mouth, 15 on 2/5 (PCML); Otamarakau, 17 on 26/6 (PCML); Rangitaiki R. mouth, 8 on 26/6 (PCML); Whakatane R. mouth, 13 on 13/5 (GAT); Motu R. mouth, 8 on 26/12 (GAT). Waimakariri R. mouth, 6 on 6/5 (GAT). Heathcote-Avon est., 2 on 2/5 (GAT).

LITTLE BLACK SHAG *P. sulcirostris*

Whangarei H, 5 on 8/5; 25 on 16/5 (CM). Orakei Creek, Auckland, c.120 roosting in association with nesting Pied Shags, May-June (MJT). Onehunga. 60 on 8/4 (BSG). Karaka, 150 on 16/8

fishing in a flock offshore (BB). Manukau H census, 44 on 13/12; 153 on 25/7 (BB). Tarata Point, FoT, 100+ on 23/9 encroaching on Spotted Shag territory (RBS). Stoney Creek, Mt Maunganui, 10 on 2/8 (PCML). Otamarakau, 8 on 12/6 (PCML). Sulphur Bay, Lake Rotorua, 1000-1500 present Jan-Mar; 641 nests counted; eggs, chicks and fledglings present 8/1 and 4/3; 54 on 15/5 but island deserted (GAT). Kawhia Harbour, 2 on 27/2 (BHS). Tarawera R. mouth, 50 on 11/4 fishing in a pack (JHS, BHS). Muriwai Lagoon, 22 on 24/5 (BRK). HB, Waitangi, 28 on 27/5 (KVT); Westshore Lagoon, c.60 on 14/5 (GAT); Tukituki R., 170 on 15/10 (KVT); c.90 on 14/5 (GAT); L. Hatuma, c.39 on 13/5 (GAT). Manawatu R., present on "loop" of estuary from 1/8 to 30/6 with maximum 36 on estuary on 9/4 (JLM, MM). Wellington H, 10 on 8/9 and 11/5 (JLM, MM). Pauatahanui, 15 on 2/8 (JLM, MM). Boulder Bank, Nelson, 7 on 5/5 (JMH). Waimea est., 12 on 20/3 in flight (BE).

LITTLE SHAG *P. melanoleucos brevirostris*

Hobson Bay, Auckland, colony reached a maximum of 47 occupied nests on 1/11 (MJT). Onehunga, 45 on 8/4 (BSG). Manukau H census, summer 26, winter 58 (BB). Port Waikato, 20+ on 9/5 (BB). FoT census, summer 1, winter 82 (BB). Sulphur Bay, Rotorua, 7 nests in trees still occupied on 5/1, in mixed colony with Little Black Shags (GAT). L. Okataina, Tauranganui Bay, 1 on 5/1 feeding 150 m from shore surfaced with a koura, which was swallowed whole (GAT). Clifton, 6 on 13/5 (MC, NT). Horseshoe Lake, HB, 30 on 20/3 (KVT). Wellington H (Petone to Wellington), 25 on 19/4 (JLM, MM). Porarai R., 4 nests on 29/10, with 3, 4, 4, 2 young; on 8/12 there were 10 juveniles in vicinity of colony (NJW). L. Ryan, Mar-Jun, usually 5-6 scattered around lake edge (NJW).

KING SHAG *Leucocarbo carunculatus carunculatus*

Oamaru Breakwater, 3 on 16/11; over past 3 years, 1-5 always present during winter, often feeding within harbour or out at sea (CFJO). Stewart I, c.19 on 1/7 with several nests (JMH).

CHATHAM ISLAND SHAG *L. carunculatus onslowi*

Tupuangi/Monau Reef, 7 on 25/11 (KJT). Taupeka Point, 2 on 27/11, immature (KJT).

SPOTTED SHAG *Stictocarbo punctatus*

Horuhoru I, Hauraki Gulf, c.20 on 26/11 at gannet colony (BB). Manukau Harbour, 0 on censuses; Puketutu near AMDB pond outlet, 10+ on 28/4 (PH). Miranda, 1 on 18/4 feeding close to shore on high tide (AH). FoT census summer 107, winter 1002 (BB). Wellington H, single birds on 6/1 and 4/4 (JLM, MM). Picton H, 9 on 4/3 (DJB). Wairau Bar, Marlborough, 12 on 6/2 (PJ). Little Kaiteiteri, 65 on 18/4 (BE). East Head, Kaikoura, 160 on 18/2 in flight (BE). Perpendicular Point, Hokitika, 80/100 nests with eggs on 13/8; breeding adults still had double crests (NJW). Twelfth Mile Bluff, Hokitika, 200+ on 7/3/81 on rocks at dusk; nests at colony unoccupied; 27/7, birds incubating; 3/8, 30+ nests (2 with young) visible on four stacks but most nests on seaward side; 13/11, nesting almost finished; 28/5, nesting started; adults with double crests and one with filoplumes on neck (NJW).

PITT ISLAND SHAG *S. punctatus featherstoni*

Port Hutt, 1 adult, 2 young on 25/11 (KJT). Tupurangi/Monau Reef, 5 on 25/11 (KJT). Taupeka Point, 8 on 27/11 (KJT). Mangere I, 27/12, chicks hatching (WFC).

WHITE-FACED HERON *Ardea novaehollandiae*

Little Barrier, 3 on 10/4 blown in by cyclone Bernie (BB). Jordan's Farm, Kaipara H, 110+ on 13-14/3; 34 on 6/6 (BB). Karaka, 109+ on 10/2 (BB). Manukau H census, summer 431, winter 378 (BB). Pukekohe, 22/6 first signs of courtship flight (21/6 shortest day!) (AH). FoT, summer 58; winter 164 (BB). Welcome Bay, Tauranga H, at NE end, 40 in a group plus 150 on flats (KICF). Maketu est., 100 in May (GAT). Matata Lagoon, 2 on 10/5 (RMW). Waimangu Valley to Lake Rotomahana, 13 on 7/2 (RWJ). L. Rotomahana, 196 including flock of c.70 10/1 (GAT). Westshore census, 73 on 2/11 (KVT). Grovetown, 24 on 14/2 (DJB). Blenheim (Bells Road) 35 on 14/4 (DJB). L. Ryan, Mar-Jun usually 2 present (NJW). Waituna Wetlands Reserve, Southland, 5 on 7/3 at western end (WJC).

KOTUKU *Egretta alba*

Jordan's Farm, Kaipara Harbour, 6 on 6/6 (MJT, BB). Kopuku, 1 on 12/9 (IS). Pahurehure Inlet, 2 on 8/9 (AH). Manukau H, 2 overwintered in Papakura/Takanini area, but 6 seen at Pahurehure, Papakura on 16/9 (TH). Miranda, 1 on 23/12 (CCO). Whangamarino Swamp, 1 on 17/9 (AH). L. Whangape, Rangiriri, 1 on 15/6 (JC). Lake Cameron, Rukahia, 1 on 27/6 (A. Bennett per BHS). Whakamarama, Katikati, 1 on 13/5 beside highway (BC). Maketu est., 1 in June (GAT). Matata Wildlife Refuge, from April to June, 1 or 2 seen regularly (BC, PCML, KICF). Tarawera R. mouth, 2 on 10/5 (RMW). Waiwakaiho R., New Plymouth, 1 on 22/5 (REL). Tukituki est., 2 on 14/5 (GAT). Tutaekuri est., 1 on 11/5 (W & MT). Clive, 1 on 18/5 (W & MT). Te Awanga Lagoon, 1 on 15/4 (BMT). Foxton No. 1 Lake, 1 on 19/7 (LJD). Manawatu est., single birds on 11/7 and 13/4; 2 on "loop" from 12/7 to 4/10 (JLM, MM). Grovetown, 1 on 25/7 eating small bird (PJ). Waimea est., 2 on 21/3 (BE). Karamea, 1 on 9/6 (DJO). Orowaiti, 1 on 25/6 (DJO). Charlestown, 1 on 24/7 to 10/9; 4/2 to 16/5, 1 or 2 regularly (DJO). Greymouth, 1 on 6/2 consumed 40-mm fish (DJB). L. Ryan, Mar-Jun, usually 1 present, although 2 flying north on 17/3 and 2 at lake on 24/3 (NJW). L. Ellesmere, 3 on 26/7 (PMS). Spider Lagoon, South Canterbury, 1 on 1/8 (PMS). Kakanui, 1 on 4/9 (MLB). Lower Hollyford R., 2 on 3/3 (WJC).

LITTLE EGRET *E. garzetta*

Foxton No. 1 Lake, 1 on 19/7, 4/10 and 27/6 (LJD). L. Rotomanu, New Plymouth, 1 present on several occasions July-June (DGM, RWW, REL, AAB). Ahuriri, 1 on 13/3 running for about 200 m with two dance like leaps and other brief pauses en route, then a quick return non-stop to a maimai (MC, CS, KT); 1 on 29/5 (W & MT). Karamea, 1 on 9/6 (DJO). Orowaiti est., 3 on 11/10; 5 on 15/5 (DJO). L. Ryan, 1, first seen on 20/4 and was present most days and associated closely with Kotuku; when not at lake, was usually at Cobden Lagoon (NJW).

REEF HERON *E. sacra*

The Bluff, 90 Mile Beach, 1 on 31/1 (CM). Whangarei H, 1 on 10/5; 3 on 16/5 (CM). Outpost Island, Leigh, 1 on 9/1 (MJT). Puhoi est., 1 on 17/4 (MJT). North Head, Auckland Harbour, 1 on 21/5 (BSG). Mangere (Ambury Farm Park), 1 on 8/4 (BSG). Papatiroa, Coromandel, 2 on 17/1 (CM). Waiheke I, 4 counted 20-21/1 (MJT). Mataitai, 1 on 28/4 (AH). Port Waikato, 1 on 4/7, 11/7, 12/8, 30/9, 13/4; on 7/6, 2 flying south (AH). Thames, 3 on 26/12 (MB). Opoutere, 1 on 19/1 (PCML); 2 in Dec (BB, AH). Whangamata, 1 on 23/1 (PCML). Raglan Harbour, 1 on 12/4 and 25/4 (MB). BoP, Mt Maunganui, 1 on 2/8 (PCML); 1 on 15/1 and 2/2 flying in from Rabbit I, a known breeding place (KICF); Tanners Point, Tauranga H, 1 on 26/1 and 3/4 (PCML); Bowentown, 1 on 3/4 (PCML); Kaituna Cut, 1 on 19/6 (PCML); Maketu est., 1 on 10/3 attacked and chased by Black-backed Gulls; 1 on 16/5 (GAT); Ohiwa Wharf, 1 permanent resident (WMH). Kawhia, 3 on 11/7 (BHS). Whangawehi, Mahia, often seen (GF). Taranaki (New Plymouth-Cape Egmont), present in small numbers along coast Jul-Jun (DGM). Westshore, 1 on 23/1, the fifth year a bird seen in this area (KVT). Pauatahanui, 1 on 23/8 (BMS, DMS). Wellington H, single birds Jul-Apr (JLM, MM). Charleston, 1 on 9/6/81 flying south; have seen only one other on this stretch of coast over last 10 years and that was on 3/6 (DJO). Kaikoura pen., 1 on 20/10 and 7/5 (BE).

CATTLE EGRET *Bubulcus ibis*

Matakana, 1 on 27/4 with 2 White-faced Herons in field with cattle (SPC). AMDB Ponds, Mangere, 6 on 9/7 (BB). FoT, 4 on 11/7 (TC); 18 on 1/8, most seen (LB). Meremere, 2 on 2/9 (IS). Rangiriri, 38 on 2/5 (BB, DGB); 87 on 20/6 (AH). Tarawera R., 6 on 11/6 (KICF). Matata, 3 on 7/6 (GAT). Te Kohanga, near Port Waikato, 2 on 9/5 (SM). L. Ngaroto, Te Awamutu, 1 on 15/5 flying around maimai in shooting season (RD); 2 on 28/5 with cattle at lake edge (MJD). Huntly West Road, c.80 on 9/6 from air (JHS, BHS). 84 on 8/7, all pure-white plumage with cattle feeding among silage litter, then flew to join White-faced Herons feeding in long pasture grass (BHS). Barrett Lagoon, New Plymouth, 1 on 28/6 (REL). Upper Carrington Road, New Plymouth, 7 present May/June (DGM). Manaia, 4 on 27/5 (REL). Patea, 1 on 13/6 (DGM, JCM). Foxton Beach, present at est. and No. 1 Lake from Jul to 25/10, max. 42 on 22/8; max. from 15/5 to 30/6, 19 (JLM, MM). Manawatu R. est., 21 on 27/6 (LJD). L. Horowhenua, 2 on 21/3, no further reports (BDH). Grovetown, 40 on 25/7 with 42 Black-backed Gulls and 1 White-faced Heron; 2 on 25/4; 2 and 5 on 9/5 (PJ); 38 on 12/9; 19 on 13/5 (DJB). Karamea, 4 on 8/6 (DJO). Charleston area, 5 on 6/5 to 11/5, reduced to 3 on 12/5 to 24/5 and then 5, 24/5 to 28/5, 3 on 29/5 and 1 on 2/6 (DJO). Ludstone Terrace, Kaikoura, 5 on 10/9 and 8/10 (BE). L. Ryan, 1 on 9/6 and still present 12/6 (NJW). L. Kaniere, 1 on 15/5 roosting in water (CFJO). Waikuku Beach, 1 on 4/7 (CM). L. Ellesmere, 2 over summer 1981-82; winter flock of 32 (CFJO). Taumutu, Canterbury, 52 on 3/10 (CM). Clandeboye, South Canterbury, 17 on 29/8 with dairy cows (PMS). Kingsdown, South Canterbury, 5 on 29/8 with sheep (PMS). Maheno, 15 winter 1981 (CFJO).

BITTERN *Botaurus poiciloptilus*

Piako, 1 on 14/12 (BB). Port Waikato, 1 flying 9/5 (BB). Meremere, 2/9, platform nest with 3 eggs (IS). Rangiriri, 1 on 2/8 (AH). Katikati, odd birds regularly visit swampy land on farms; at times heard booming during spring months, usually just before sunrise (BC). Matakana I., 1 on 7/12 booming (FN). Maketu est., 1 on 15/6 (GAT). Awaiti Wetlands, 4 on 17/4 (PCML). Tarawera R. mouth, 2 on 1/5 (RMW). Roy Road Swamp, Mangorewa Forest, 1 on 23/11 (GAT). Poutu Stream, L. Rotoaira, 1 on 15/1 flying over raupo swamp (DJB). L. Rotoehu, 3 on 13/6 in reedy northern arms (GAT). Lagoon Road Lake, Mamaku Forest, 1 booming on 18/1 (GAT). Mirror Lake, near L. Okataina, 1 flushed and flew up to land on outer branch of tree on 15/1 (GAT). Mohakatino, 1 on 10/4 (DGM). 1 on 26/11 (DG). Westshore, 1 on 30/5 (W & MT). Waitangi, HB, 1 on 1/8 (KVT). Waitotara R. mouth, 1 on 22/11 (DGM, JCM). Foxton, 1 at Round Bush on 12/7 and 22/8; 2 at "loop," Manawatu R., on 28/2 (JLM, MM). Druggins Dam, Golden Bay, 1 on 20/11 booming (CM). Appleby, 1 in Feb (BE). L. Rotoiti, 1 on 17/1, boomed in response to Spotless Crane taped call (GAT). Birchfield, 1 on 7/6 (CSL). Charleston, 1 on 8/1 (DJO). L. Ryan, 2 birds are resident in reed beds. On 10/6 bird flew down lake and landed at Cobden Lagoon over 1 km away (NJW). Saltwater Creek, North Canterbury, 1 Jul 1981 (CFJO). L. Ellesmere, 18 records 10/81-8/82 (CFJO). Ahuriri R. delta, pair 27/4-14/5 feeding in swamp, river and lake edge habitats (CFJO). Spider Lagoon, South Canterbury, 1 on 21/2 (PMS). Upukerora R., Te Anau, 1 on 28/2 (JVM).

GLOSSY IBIS *Plegadis falcinellus*

Ahuriri, 1 on 12/9 (W & MT).

ROYAL SPOONBILL *Platalea regia*

Ahuriri, 4 on 14/5 (GAT). Manawatu est., present Jul to 26/10 max. 26 on 12/7; max. from 27/2 to 30/6, 29 on 27/6 (JLM, MM). Wairau Lagoon, 3 on 12/9 with Pied Shags (DJB). Farewell Spit, Stockyard Point, 17 in Jul reported by P. Fullerton, Ranger, Takaka (JMH). Motueka Sandspit, 12 on 8/4 (BE). Collingwood est., 1 adult, 1 immature on 11/11 but not on succeeding days (CM, BDH). Waimea est., 4 on 28/2; 12 on 21/3 (BE). Bromley SP, Christchurch, 15 on 17/4 (CM, GAT); 5/5, 1 only (GAT).

MUTE SWAN *Cygnus olor*

L. Poukawa, HB, 7 on 30/5 (KVT).

BLACK SWAN *C. atratus*

Karaka, 16 on 7/6 (KJF). FoT census, 4 on 15/11 (BB). L. Braemar, Matata, 41 on 18/5 (GAT). Muriwai Lagoon, Gisborne, 104 on 5/10 (BRK). New Plymouth, Bell Block SP, 19 on 21/11 (DGM); L. Mangamahoe, 6 on 3/4 (DGM, JCM); Barrett Lagoon, 6 on 11/4 (RWW). Waitotara R. mouth, 87 on 22/11; 54 on 14/2 (DGM, JCM, REL). Westshore census, 109 on 2/11 (KVT). L. Poukawa, HB, 165+ on 13/5 (GAT). Foxton, 170 on 4/10 at "loop" (JLM, MM). L. Horowhenua, 167 on 11/5 (GAT). L. Grassmere, 54 on 11/7 (PMS). L. Sarah, 2 on 11/7 (PMS). L. Marymere,

2 on 11/7 (PMS). Spider Lagoon, South Canterbury, 10 on 1/8 (PMS). Okarito, 16 plus 6 cygnets on 14/11 (CSL).

CANADA GOOSE *Branta canadensis*

L. Pupuke, 3 on 14/6 (DFB). L. Waikare, 50+ on 11/7 (a rapid increase) (TC). Waihou Bay, 1 on 1/11/80 on sea (WMH). Little Waihi est., 2 on 15/6 (GAT). L. Rotoehu, 1 on 24/12 and 23/5 (GAT). L. Rotomahana, 1 on 14/6 (GAT). Barrett Lagoon, New Plymouth, 58 on 11/4 (RWW). Te Pohue Lake, 3 on 30/1 (RMW). Westshore, southern marsh, 25 on 18/11 (KVT). Farewell Spit, 2 on 23/6 (CFJO). Kaihoka Lakes, Westhaven, 4 on 15/11 (CM). 21 on 10/4 (BE). Nelson Haven, 6 on 5/5 (JMH). L. Ryan, 8 on 12/5 (NJW). Cobden Lagoon, 5 on 21/10 (CSL). L. Grassmere, 70 on 11/7 (PMS). L. Sarah, 29 on 11/7 (PMS).

PARADISE DUCK *Tadorna variegata*

Opuawhanga, 24 on 1/7 (JFS). Northern Wairoa, 1/8, pairs commonly sharing wet paddocks and farm ponds with Pied Stilts (RBS). Jordan's Farm, Kaipara Harbour, 1 on 6/6 (BB). Whangapoua Beach, Great Barrier, 40 on 10/4 in field (KB). Coalmine Bay, Whangaparaoa, pair on 19/9 with 5 ducklings (SPC). Piha Domain, pair on 2/5 in flood water (MJT). Papa-aroha, Coromandel, pair on 26/12 with 8 well-grown young; all flying on 17/1 (CM). Ohui (near Oputere) pair with 7 full-grown young on 20/1 (PCML). FoT census, 6 on 27/6 (BB). Karaka, 32 on 31/5 feeding in paddock (FN). Frost Road, West Tuakau, 116 on 9/5 (BB). Awaiti Wetlands, c.250 on 17/4 (PCML). Tarawera R. mouth, 50+ on 11/4 feeding in paddock (JHS). Ohiwa Harbour (Wainui Road), 61 on 29/3/81 with Mallards (WMH). Mamaku-Kaharoa region, north of Rotorua, abundant on small farm ponds and forest lagoons Nov-Jan (GAT). L. Rotomahana, 10/1, 2 large moulting flocks, 500+ in Landing Bay and c.380 at Waimangu outlet (GAT). Sulphur Point, Lake Rotorua, Jan, 100 on small island (GT). Westshore census 109 on 2/11 (KVT). Lake Poukawa, 120 on 22/8 (KVT). Horseshoe Lake, HB, 300 on 20/3 (KVT). Uruti Valley, 50 on 9/4 (DGM). Barrett Lagoon, New Plymouth, 50 on 8/3 (RWW). Cape Egmont, 12 on 20/6 (DGM, JCM). Waitotara R. mouth, 4 on 22/11, 3 on 14/2 (DGM, JCM, REL). Pokeka Stream near Waitotara SP, 8 on 21/11 (LJD). Foxton Beach, 42 on 7/6 at No. 1 Lake (JLM, MM). Farewell Spit, c.90 on 22/6 in farm paddock (BHS). Kaihoka Lakes, 17 on 10/4 (BE). Blenheim SP, 150+ on 2/1 (DJB). L. Heron Flats, 200 on 18/3 with Canada Geese (PJ). Hokitika SP, pair on 5/11/80 with 3 downy ducklings — drake chased Harrier from ponds (NJW). Cook R., 8 on 13/3 (CSL). State Highway 94, The Key (Southland), 300 on 1/8 (WJC).

MALLARD *Anas platyrhynchos*

Titirangi, 1 on 1/6 waiting at *Vespa germanica* nest, taking the wasps, holding under water and then swallowing them (JPW). Manukau H census, summer 359, winter 1989 (BB). Clevedon, J. Blundell reported up to 200 feeding on fallen apples in orchard, 8/2 (AJG). FoT census, summer 413, winter 1727 (BB). Hamilton Lake, 1368 on 17/4 (BHS). Westshore census, 597 on 2/11 (KVT). L. Ryan, Mar-Jun usually 100+ present on lake or adjacent pasture (NJW). Thinornis Bay, South East I, pair with young, Jan (WFC).

GREY DUCK *A. superciliosa*

Manukau H census, summer 8, winter 2 (BB). FoT census, summer 0, winter 18 (BB). Cambridge Lake, 10 on 9/5 (JHS). Matakana I, c.50 on 3/4 at north end (PCML). Mamaku Plateau, present in small numbers on forest lagoons and rivers 1981-82 (GAT). Matata Lagoon, common on 11/4 among narrow channels leading to river mouth (JHS). Tarawera R. mouth, 10 on 5/7 (PCML). Te Hauke, 12 on 22/8 (KVT). Manawatu, 4 at Foxton No. 5 Lake on 21/3; 8 at Oturoa Road Lagoon on 21/3; 5 at L. Koitiata on 23/8 (LJD). L. Rotokohu, Waitotara SF, 2 on 21/11 (LJD). Blenheim SP, 100+ on 2/1 (DJB). Parapara, 47 on 9/4 (BE). Hokitika SP, 12 on 12/1/81 (NJW). Cobden Lagoon, c.20 on 20/4 (NJW). Kye-burn R., 18 on 15/10; 2 pairs each with 9 ducklings (PC). Thinornis Bay, South East I, pair in Nov (MDD).

GREY TEAL *A. gibberifrons*

Mangere SP, 100 on 26/1 at No. 4 Pond; 96 on 29/4 (RBS). Karaka, 70 on 22/5 (BB, RC, AH). Manukau H census, summer 136; winter 103 (BB, RC, AH). FoT, Miranda, 38 on 21/3 (TC). Pukekohe-Tuakau SP, 25 on 13/1 with 3 broods of 2, 3, 5 (AH). Matakana I, 30+ on 3/4 (BC, PCML). Kaituna Cut, Maketu, Apr-Jun 100 or more regularly seen on pond (BC, PCML). Matata, 8 on 12/6 (PCML). Barrett Lagoon, New Plymouth, 4 on 11/4 (RWW). Westshore, 150 on 6/3 (KVT). 220 on 14/5 (GAT). Manawatu est., 3 on 1/5 (JLM, MM). Manawatu, 3 at Turnbull's Lagoon near Foxton on 22/8; 47 at Oturoa Road Lagoon on 21/3 (LJD). L. Horowhenua, 5 on 1/5 (JLM, MM). Waikanae SP, c.50 on 21/3 (BDH). Buller R., 3 on 11/4 (DJO). L. Rotoroa, 22 on 14/9; pair with 3 ducklings and 1 with 5 on 11/12 (BE). L. Ellesmere, counts of up to 3284 (23/3) and 1000-2000 resident Oct-June (CFJO).

BROWN TEAL *A. chlorotis*

Great Barrier, east coast, 200 between 8/4 and 13/4 in streams and estuaries (KB); Whangaparapara, 2 on 23/3 (DFB); Tryphena Harbour, 30 on 23/2 (AH). Papa-aroha, Coromandel, 1 dead on 17/1 (CM). L. Whangape, 1 on 26/1 (JC, FT). Manawatu coastal lakes, 10 at Foxton No. 5 Lake on 21/3; 2 at Foxton No. 3 Lake on 21/3; 6 at Pukepuke Lagoon on 21/3; 30 on L. Kaikokopu on 21/3 — probably released by Ducks Unlimited/NZ Wildlife Service (LJD).

NEW ZEALAND SHOVELER *A. rhynchotis*

Manukau H census, summer 128, winter 32 (BB). Mangere SP, 100 on 26/1 and 29/4 (RBS), 23 on 15/6 (BSG). Karaka, 20 on 22/5 (RC, AH). FoT census, summer 0, winter 35 (BB). L. Whangape, 1200+ on 26/1 (JC, FT). Hamilton L., 5 on 1/5, 15 on 13/6 (MB). Matakana I, 12 on 3/4 on pond (BC, PCML). Kaituna Cut, 20 on 17/4 (PCML). Matata, 69 on 18/5 (GAT), 50 on 5/7 and 26/6 (PCML). L. Rotomahana, 84 on 10/1 (GAT). Westshore, 300 on 29/5 (CS, RG). Bell Block SP, 4 on 17/10, 6 on 26/10 (RWW, REL). L. Rotomanu, New Plymouth, 8 pairs on 19/7 (REL). Waitotara R. mouth, 1 on 22/11, 20 on 14/2 (DGM, JCM, REL). Marton SP, 98 on 13/6 (all males were brightly coloured) (BDH). Foxton Beach, 50 on 1/5 over sea; 20 on 1/8 at No. 1 Lake (JLM, MM). Manawatu coastal lakes, 152 on L. Kaikokopu on 23/8 (LJD). L.

Horowhenua, 100+ on 21/3 (BDH). Ohau dune pond, 12 on 21/3 (BDH). Waikanae SP, 25 on 21/3 (BDH), 12 on 23/5 (FN). L. Wairongomai, 3 on 21/3 (BDH). L. Papaitonga, 0 on 28/2, 60+ on 21/3 (BDH). Parapara, 2 on 9/4, males in breeding plumage (BE). L. Grassmere, c.60 on 3/4 (BDH). Blaketown Lagoon, mid-Jun 130-140 (NJW). L. Ryan, Mar-Jun, c.125 on 11/4 (NJW). Bromley SP, 1287+ on 17/4 (GAT). L. Waitaki, 223 on 7/5 (CFJO). Waituna Wetlands Reserve, Southland, 12 on 7/3 (WJC).

BLUE DUCK *Hymenolaimus malacorhynchos*

Whakamaru Dam, 1 on 10/1 (BB), 1 on 20/3 and 16/5 (SG). Rangitikei R., 6 adults, 1 duckling Dec-Jan (KEB). Mangaorewa R., 2 on 17/12 (GAT). Waioeka Gorge, pair on 7/7 (BRK). Motu R., 23 on 29-31/1 seen from Otipi Road down (GAT). Aniwanuiwa, Urewera NP, 2 adults and 2 ducklings seen 18/12 to 13/1 (JGH); present 25/1 (BRK). Waihaha R., Tihoi SF, 2 on 18/10 (LJD). Ecology Stream, Kaimanawa Mountains, 7 adults, 1 duckling Dec-Jan (KEB). Ruaiti, on Manganuioteao R., 2 on 16/1 (H. & J. Axell, BB *et al.*). Roebuck Creek, Upper Pelorus River, 1 on 2/5; took to water when call imitated (DJB). East Hawdon, Arthurs Pass NP, pair on 4/4 (CM). South Canterbury — Bernard Stream, Mt Peek Creek, Lynn Stream, Andrews Stream, Scotsburn Stream, recorded 2/82 (CFJO). Lyvia R., Doubtful Sound, 1 on 22/3 (WJC). Moraine Creek, Fiordland, 1 male on 29/11 (KM, JVM).

NEW ZEALAND SCAUP *Aythya novaeseelandiae*

Straka's Refuge, Waiwera, 7 on 12/7 (MJT). Matakana I, 2 on 12/6 (BC). Matata, counts ranging from 16 to 32 on 5/7 (PCML). Sulphur Bay, L. Rotorua, c.530 on 4/3, only 40-50 females (GAT). Barrett Lagoon, New Plymouth, 2 on 1/11 (G. Dumbell). L. Mangamahoe, 65 on 3/4 (DGM). L. Tutira, 50 on 3/2 (RMW). Horse-shoe L., HB, 80 on 20/3 (KVT). L. Grassmere, 158+ on 11/7 (PMS). L. Saraha, 8 on 11/7 (PMS). L. Sylvester, Cobb, 7 on 7/3 (BE). L. Rotorua, 47 on 14/9 (BE). L. Ryan, Mar-Jun max. 3 on 15/3 (NJW). Bromley SP, 14 on 17/4 (GAT). L. Heron, 42 on 18/3 (PJ). Ashburton Lakes, 649 on 12/7 (CFJO). L. Mapourika, 8 males on 14/11 (CSL). Ahuriri R. delta, 19 on 29/4 (CFJO). L. Waitaki, 3 on 7/5 (CFJO). Kinloch, 40 on 16/11 (MLB). L. Te Anau (opposite Fiordland NP), 104 on 4/8 (WJC).

AUSTRALASIAN HARRIER *Circus approximans*

Opuawhanga, 3 on 23/5 circling low over lawn (JFS). Flax Island, Mokohinau, 2 on 29/3 hawking over one of the tall pinnacles (AJG). Rangitaiki R. in Kaiangaroa Forest, 10 on 22/2 including several young birds (RWJ). Westshore census, 11 on 2/11; bird flushed off nest with 4 eggs, in rushes (W & MT, RW). Bell Block SP, 10 circling together on 7/2 (DGM). Blenheim, 1 immature on 17/2/80 flew through doorway into house and calmly stayed for 5 minutes (DJB). Mathias Pass (4500ft a.s.l.), 1 on 10/4 (GAT). Mangere I, Sep-Jan, 1/2 visiting from Pitt I regularly (AKM); 7/11, dead Snipe found, suspected Harrier kill (DVM).

NEW ZEALAND FALCON *Falco novaeseelandiae*

Pureora (Pikariki Road), pair seen/heard frequently throughout year (JI). Motu R., 4 seen on 30-31/1 (GAT). Muriwai, Gisborne, 1 on 13/4 with almost dead feral pigeon (BJ, SJ). Herepuru Stream, near Matata, female found dead on 7/6 (PCML, GAT). Hillsborough, near New Plymouth, 1 on 12/7 (B. Rumball). North Egmont, pair in Oct (AAB). Te Popo, near Stratford, 1 in Oct (JM). Whenuakura, 1 on 3/5 (J. Clark). Alfriston, 1 on 6/2 (GF). Tararua Ranges, Field Hut area, 1 on 25/1 flying over snow grass with 2 Tuis in pursuit (LJD). Kahutara R., 1 on 6/9 (BE). Charleston, 1 on 3/5 (DJO). Mt Boris, Paparoas, 1 female on 12/4 (DJO). Speargrass Flat, Lewis Pass, 2 on 20/4 (CFJO). Duntroon, 1 on 11/3 (CFJO). Wanaka, 1 on 17/5 (CFJO). North Mavora Lake, 2 on 10/3 (WJC). Homestead Peak, West Matukituki (alt. 6560ft) on 6/3 male came to me as I was making squeaky noises to 3 Rock Wrens (PC). Routeburn, near swing bridge, 1 on 21/2 (MLB). Rees Valley, on 13/5, a pair chasing hare through mixed rockfall, tussock and snow patches; the hare eventually hid under boulder (PC). Glenorchy, on 31/12 (alt. 1050ft) seen to take female Blackbird in mid-air (PC). Windon Burn Valley, 1 on 16/3 (WJC). Takitimu Mountains, Southland, 1 at 1300 m on 3/12 (KM). Gorge Burn-Eyre Mountains, 2 on 14/3 (RRS).

CHUKOR *Alectoris chukar*

Mt Fyffe, 5 on 1/9 in group at 250 m (BE).

BROWN QUAIL *Synoicus ypsilophorus*

FOt, Whakatiwai, 2 on 20/11 (BC). Wharekawa, 2 on 5/12 (TC, AH). Katikati, 8 on 11/5 (BC). Kaituna Cut, 10 on 21/2 (PCML). Matata, covey of 6 on 5/7 and another of 4 (PCML). Te Popo, near Stratford, 1 present since 22/2 (JM).

CALIFORNIAN QUAIL *Lophortyx californica brunnescens*

Matata, c.10 on 12/6 in boxthorn thicket (PCML). Mamaku Plateau, flocks in cutover bush Jan-Jun (GAT). Waimangu Thermal Area, 7/2, several on road to tearooms (RWL). Whirinaki, 12 on 30/9 (JI).

BANDED RAIL *Rallus philippensis*

Waiwera, 1 on 14/4 (DGM). Whangaparapara, Great Barrier, 1 on 24/3 (DFB). Awaawaroa Bay, Waiheke I, 20/2, C. Gordon, farmer, described calls heard often from tidal creek (BB). Opoutere, 6 sighted 18-22/1 at edges of mangroves (BSG). Port Waikato, 1 on 23/1 (DMW). Whangamarino Swamp, 2/9, heard in three places (IS). Te Maunga, near Mt Maunganui Dump, 2 on 25/1 (PCML). Maketu, 1 on 14/3 (PCML). Aotea Harbour (opposite Morrison Road), 3 on 23/1 and 1 chick (JHS, BHS). Marahau, 2 on 13/3 early morning; 3 on 17/4, 8-8.30 a.m. and 3 at 4 p.m.; 4 on 18/4, 7-8 a.m. (BE).

WEKA *Gallirallus australis*

Muriwai, Gisborne, 2 on 21/8 heard calling, notable absence in this locality for 2-3 years (BJ, SJ). Rakauroa, Gisborne, 2 on 19/9 dead on road (BJ, SJ). Motu township, 15+ heard calling 5 km south on 29/12: according to a local person wekas have been present in

district only in last 8 years (GAT). Fox R., Paparoa Range, 25/4, 2 adults and 3 downy black chicks which hid in broken limestone at edge of dry riverbed (GAT); 1 adult seen to forage among rocks and pools at the riverside (GAT). Nelson Creek Farm Settlement, Westland, pair on 18/11/80 with 3 chicks (NJW). Diamond Lake, Cobb, 1 on 7/3 (BE). Punakaiki, pair on 11/9 with 2 down-covered chicks; 27/9, chicks now showing feathers on back; adult dropped earthworm, which was picked up by chick (NJW). Adult on 22/5 with 2 half-grown chicks (NJW). Mason Bay, 1 on 29/8 (CFJO). Halfmoon Bay, 3 on 13/1 (WJC). Ulva I, 5 on 13/1 (WJC).

MARSH CRAKE *Porzana pusilla*

Auckland Central Railway Station, 1 found dead on 9/8 (DR). Appleby, 1 on 27/2; 2 at daylight, 4 seen simultaneously at 9.30 a.m. on 28/3 (BE). Heathcote-Avon est., 1 on 17/5 (CFJO). L. Ellesmere, 18 records Oct 1981 to Jun 1982 (CFJO). Rakaia R. mouth, 1 on 23/4 (CFJO). L. Heron, 4 on 5/2 (CFJO). L. Selve, 2 on 15/1 (CFJO).

SPOTLESS CRAKE *P. tabuensis*

Miranda, good population in a large and good swamp (LB). Mangatarata district, present in 7 places with 4-9 recorded at a time (LB). Meremere, 2/9, c.6 near railway Island Block Road, and 1 near Drakes Road (IS). Churchill West, 2 on 11/10 and at least 2 more heard; male shook violently when making "alarm-clock" call (BB). Rotorua lakes district, widespread in *Typha* swamps and lake reed margins, especially Whakarewarewa SF (GAT). Waimana, present in *Typha* swamp 26/12 (GAT). Torere Beach, near Opotiki, present in *Typha* swamp, 26/12 (GAT). Tarawera Forest, 4 on 28/2 heard in same swampy area as first recorded 20 years ago (RMW). Muddy Creek, Clive, 1 on 25/4 responded to tape (W & MT). Foxton Beach, 3 on 24/12 to 1/1 at Round Bush (JLM, MM). L. Ellesmere, 1 on 12/11 in raupo; 1 on 19/11 (CFJO).

PUKEKO *Porphyrio porphyrio melanotus*

Onewa Basin, Northcote, pair on 27/4 with 2 young about 2 weeks old (JPW). Pukekohe, on 11/3, 2/4 and 23/4 downy chicks seen (AH). Rotorua, Golf Course Government Gardens, 1 on 13/6 (RWJ). Tasman, pair on 22/2 with 4 chicks (BE). L. Ryan, 4 young on 15/3 not yet flying (NJW). L. Ellesmere, 45 on 22/4 (GAT).

AUSTRALIAN COOT *Fulica atra australis*

L. Whangape, 1 on 26/1 (JC, FT). Hamilton L., 58 on 17/4 (BHS). L. Rotoiti, total of 216 adults and 49 juveniles/chicks at western end on 17/1; on 17/6, 522 on Okawa Bay; further 247 present in four other bays. Appeared to be three age groups: adults with full frontal shields, subadults with thin reduced shield and juveniles with no frontal shields (probably 1st and 2nd clutches): birds of the year made up 90% of one flock of 120 birds (GAT). L. Aniwhenua, 10+ on 14/12 (WMH). L. Rotokuru, 1 on 11/1 (BE). L. Tutira, 70+ on 27/9 (W & MT); 40 on 3/2 (RMW). Te Pohue L., 7 on 30/1 (RMW). St Anne's Lagoon, Cheviot, 3 on 10/7 (CM); 4 on 23/10 (BE). L. Heron, 19 on 18/3 (PI).

SOUTH ISLAND PIED OYSTERCATCHER

Haematopus ostralegus finschi

Port Albert, c.200 on 24/2 at full tide (RBS). Jordan's Farm. Kaipara H, 3000 on 6/6 (BB). Matakatia, 4 on 11/4 (RBS). Auckland isthmus, few bays now escape their notice; Tamaki birds as tide rises, may resort to public parks and continue to feed (RBS). Karaka, 6000+ on 28/3 (BB). Manukau H census, summer 3085, winter 19 373 (BB). Miranda, 1250 on 20/9, 6000 on 4/4 (AH). FoT census, summer 1919, winter 11 800 (BB). Port Waikato, 80 on 11/7 (AH). Bowentown, 250-300 on 26/1 and 3/4 on shellbanks (PCML). Little Waihi (near Maketu), 11 on 17/4 (PCML). Kawhia Harbour, 7 on 27/2 (BHS). Muriwai Lagoon, Gisborne, 4, Feb to Apr (BRK). New Plymouth, 9 on 10/2 (RWW). Bell Block SP, 5 on 7/2 (DGM). Cape Egmont, 35 on 9/1 (DGM). Waitotara R. mouth, 4 on 14/2 (DGM, REL). Manawatu est., 83 on 30/1 (JLM, MM). Orowaiti est., 120 on 24/7, 515 on 16/2, 35 on 15/5 (DJO). Heathcote-Avon est., 1423 on 2/5 (GAT). Okarito, 30 on 14/11 (CSL).

VARIABLE OYSTERCATCHER *H. unicolor*

Kaitoke/Medland's Beaches, Great Barrier, 17 on 11/4 (KB). Puhoi est., 1 on 24/2, smudgy (RBS). Waiwera est., 24 on 17/4 (MJT). Tahuna-Torea, 9 on 18/5 among c.200 SIPO (MJT). Kuaotunu, Coromandel Pen., 44 on 8/8 (GMHP). Mangere, 1 on 29/4, black (RBS). Manukau H census, summer 4 (BB). Port Waikato, 4 on 11/7, 6 on 21/12 (AH). Orere Point, 1 on 23/10 (BB). FoT. Access Bay, 1 on 17/10 (AH). Opoutere H, 19/1, pair with 3 full-grown young; 4 pairs (PCML). Ohui-Opoutere, 19/1, north end to harbour at southern end (5 km), 5 pairs plus 2 almost fully grown young (PCML). Opoutere, 11 on 27/12; 28/12, pair and 2 chicks (BB). Stoney Point, Mt Maunganui, 2/8, pair flew in from Matakana I, mobbing a harrier as they came, to feed at *Gari stangeri* bed, a frequently used feeding ground (PCML). Sulphur Point, Tauranga, 4 pairs nesting on 26/11, 10 on 30/4 (KICF); 32 on 17/5 (GAT). Kaituna Cut-Maketu, 11 on 17/10, highest count for year (PCML). Maketu, 17 on 10/3, 10 in May, 16 in June (GAT). Little Waihi, 4 adults, 16 subadults on 17/10; 53 on 14/3 (PCML). Bowentown, 26/1, pair with 2 chicks; 1 half grown and the other much smaller and younger. Another 4 pairs present at distance from family party (PCML). Tarawera R. mouth, 1 pair on many visits all year (PCML). Whakatanere R. mouth, 17 on 4/10 (WMH). 4 on 31/5 (GAT). Ohope Spit, 57 on 6/6 (GAT). Kawhia Harbour, North Head, pair on 26/12 with 2 chicks (R & GPG). Kawhia Ocean Beach, pair on 6/1 with nest, 2 eggs (LS). Tatapouri, Gisborne, 11 autumn/winter (BRK). Waitangi, HB, 2 on 23/12 (KVT). Waitotara R. mouth, 2 on 14/2 (DGM, REL). Rangitikei R. est., 4 on 25/10 (LJD). Manawatu est., 4 in Feb (JLM, MM). Otaki R., 40 on 11-12/5 (GAT). Maud I, 5 (black) on 17/4 (DJB). Okarito, 5 on 14/11 (CSL). Martin's Bay, Fiordland, 6 on 4/8 (WJC). Waipati Beach, South Otago, 10 adults, 1 chick on 19/1 (PC).

CHATHAM ISLAND OYSTERCATCHER *H. chathamensis*

Kaiangaroa Beach, 2 on 28/11 (KJT). Tahatika Beach, 2 on 30/11 (KJT). South East I, 27/12, 11 pairs and 2 single birds (DC). Mangere I, Dec, 2 pairs breeding; another pair seen (DC).

SPUR-WINGED PLOVER *Vanellus miles novaehollandiae*

Cooper's Beach, 3 on 4/9 (Taipa Block Road) (LJD). One-where, 29/8, nest with 4 eggs on B. Denize's farm (DMW). Kauae-ranga Bridge, Thames, 5 on 15 and 17/10 in reclaimed paddock (AJG). L. Waikare outlet, 2 on 28/6, one seen to attack harrier (AH). Te Onetea Road, Rangiriri, 12 on 2/5 in fields by railway "for some time" Mr Stone, farmer (BB). Cambridge, May, 2 adult and 3 chicks (SM). L. Okareka, 1 on 10/6, first record (GAT). Sulphur Bay, L. Rotorua, 1 heard on 8/1 — first record for Rotorua City (GAT). L. Rere-whakaaitu, 14 on 13/12, 6 on 14/6 (GAT). Tauhara Forest, Taupo, pair on 23/4 (RWJ). Te Poi area, 2 on 21/7 chasing harrier (PA). Awaiti Wetlands, 17/4, birds heard calling (PCML). Maketu Lagoon, on 31/5/81, 6 birds flew in from south to rest and feed desultorily on the mudflats about 3 p.m.; this is first time species seen in coastal BoP (PCML). Kaituna, 1 on 2/4 feeding with Pied Stilts (AMc). Wairoa (Awamate), 8 on 10/12 (GF). Muriwai, Gisborne, 9 on 17/7 (BJ, SJ). Rangitaiki Plains, 1 on 14/1 road-killed (JPW). Cape Egmont, 10 on 17/9 (B. Richards). Waitotara R. mouth, 20 on 22/11 (DGM, JCM). Westshore, 19 on 21/11 (W & MT); 13 on 2/11 — 2 harassed Caspian Tern (KVT). Flaxmere, pair on 22/8 with 3 small chicks (JH). Pahiatua, 2 on 18/1 (BE). Manawatu est., 10 on 25/12 (JLM, MM). Foxton, Turnbull's Lagoon, 5 on 22/8 (LJD). Tuamarina, 42 on 1/7 (PJ). Wairau R., 70 on 8/8 in evening flocking on shingle banks (DJB). Kahutara R., pair on 13/11 with 2 chicks (BE). Kaiapoi, 6 on 18/5 (WJC). L. Ellesmere, 30+ on 26/7 feeding over exposed mud (PMS). Chatham I, Hapupu, 3 on 26/11; Tennants L., 3 on 25/11 (KJT).

GREY PLOVER *Pluvialis squatarola*

Kokota Spit, Parengarenga, 1 on 30/1 (CM). Karaka, 1 on 27/3 assuming breeding dress (AH). Mullet Creek, Farewell Spit, 3 on 14/11 and 18/11 (CM). Waituna Lagoon, 1 on 2/1 (RRS, MLB).

LEAST GOLDEN PLOVER *P. fulva*

Tapora, 30 on 14/2 (CM). Oyster Point, Kaipara H, 18 on 13/3 (DGB, TH). Whangapoua Beach, Great Barrier, 2 on 11/4 in field (KB). Karaka, 19 on 29/10, most in eclipse plumage (BSG); 20 on 16/1 (AH). Manukau H census, summer 12 (BB). Mataitai, 6 on 19/3 (AJG). Miranda, 5 on 5/12 (AH, TH). Kaituna Cut, present in varying numbers between 6/12 and 14/3 — highest count 44 on 28/12, but 30 on 14/3 and another flock of 45 seen shortly afterwards, just over the hill at Little Waihi (PCML). Maketu/Little Waihi, max. over summer 42 on 4/1 (GAT). Matahui Point, Tauranga H, 24 on 1/2 (BC). Ohope Spit, 37 on 28/3/81 (WMH); 15 on 1/1 (RMW). Muriwai Lagoon, Gisborne, 49 on 12/3 (BRK). Westshore, 48 on 23/12 (KVT). Manawatu est., 25 on 15/11 (LJD); up to 23 5-24/12 and present Jan/Feb, max. 38 on 27/2 (JLM, MM); 35 on 28/2 (LJD). Mullet Creek, Farewell Spit, 12 on 12/11 (CM). L. Ellesmere, 5 on 12/12, 11 on 6/2 (PMS); 18 (3 in breeding plumage) on 24/2 (CM); max. 48 in summer 1981-82 (CFJO). Waituna Lagoon, 21 on 2/1 (RRS).

NEW ZEALAND DOTTEREL *Charadrius obscurus*

Tawharanui RP, 3 on 10/1 (BMS, DMS). Tapora, 15 on 14/2 (CM). Oyster Point, Kaipara H, 20 on 14/3 (BB, RBS); 4 on 6/6

(BB). Kaitoke and Whangapoua Beaches, Great Barrier, 11 between 8/4 and 13/4 (KB). Wiroa I, Auckland Airport, 3 on 5/7; none seen since 7/1 (BSG). Karaka, max. 10 on 25/4 (BB, TC). Manukau H census, summer 25, winter 32 (BB). FoT, Wharekawa, 10 on 27/6 (RBS). FoT census, summer 4, winter 14 (BB). Nest at the old limeworks Miranda, had 2 differently coloured eggs and 3 birds around it in 5/12 (TC, AH). Opoutere, 8 on 28/12 (BB). Port Waikato, 10 on 10/1, nest within 3 m of Variable Oystercatcher's nest (AH). Kawhia H (North Head), 2 pairs on 26/12 with 1 chick each, 1 pair with 3 eggs (R & PG); 25 on 11/7 (BHS). Aotea Harbour, 3 on 10/7 (JHS, BHS). Bowentown Beach, 14 on 7/5 (BC). Sulphur Point, Tauranga, 25/1, 1 pair with 2 half-grown chicks, 1 pair with territory but no nest/young and small roosting flock of 6 (PCML); 22 on 4/4 (BC); 4 pairs on 26/11 attempting to nest despite industrial development (KICF). Aerodrome Bay, Tauranga, 2 pairs on 8/6 in breeding plumage (KICF). Little Waihi Beach, 20 on 14/3 (RMW); 14 on 16/5, 4 on 15/6 (GAT). Kaituna Cut, 17/10, 3 pairs nesting in field adjacent to lagoon, 1 nest with 1 egg; no other nests found (PCML). Maketu, max. over summer, 14 on 10/3; 14 on 15/6 (GAT). Otamarakau, 1 on 18/5 (GAT). Herepuru Stream, near Matata, 3 on 7/6 (GAT). Tarawera R. mouth, 2 on 9/5/81 (WMH); 3 on 31/5 (GAT). Ohope Spit, 8 on 19/10/80; 6 pairs on 31/10 (1 pair with chick) (RMW). 42 on 21/3 (RMW). 46 on 31/5, 32 on 7/6 (GAT); 18 on 19/9 (WMH). Waikanae Beach, 1 on 30/8 (BMS, DMS). Motueka Sandspit, 2 on 24/4 (BE).

BANDED DOTTEREL *C. bicinctus*

Kaipara H, Jordan's Farm, 400+ on 6/6 (BB); Oyster Point, c.200 on 13/3 (DGB, TH). Whangapoua Beach, Great Barrier, 2 on 11/4 (KB). Mataitai, c.50 on 19/3 (AJG). Manukau H census, summer 2, winter 557 (BB). FoT census, summer 2, winter 285 (BB). FoT, Wharekawa, 32 on 16/2; 60 on 27/6 (RBS); Miranda, 130 on 3/2 (RBS). Port Waikato, c.50 on 11/7 (AH). Mt Maunganui Wharf, on 29/10 1 adult with at least 2 chicks one or two days old, in log-storage area (PCML); 8 pairs nesting 14/11 in railway yards on bulldozed gravel patch (KICF). Tauranga Airport, c.250 on 12/3 flocking and feeding; none seen 12/4 (BHS). Kaituna Cut, 20 on 25/7 and 28/12 (PCML). Ohope Spit, 119 on 9/1/81 (WMH). 100 on 21/3 (RMW); c. 590 on 7/6 (GAT). Kawhia H (North Head), 20 on 26/12 (R & GPG); 281 on 27/2, 400 on 11/7 (BHS). Kawhia Ocean Beach, Aotea H, 7 on 23/1; 240 on 7/5 spread in a line across beach (LS). L. Rotorua, 0 on 16/11, 3 on 11/12; 11 on 25/2 following strong NE storm and still present 2/3; 1 on 10/6 (GAT). L. Rotomahana, 3 on 14/6 feeding on exposed mudflat (GAT). Mt Tarawera, 4 on 25/11 (DOB); 3 on 12/12 (RMW). Muriwai Lagoon, Gisborne, 44 on 1/2 (BRK). Tukituki R. bed, 13 on 15/8 at nesting territory (JL, CS, KVT). Waitangi, HB, 14 on 29/10 (KVT). Rangipo Desert, 33 on 13/1 (DJB). Tongariro NP, 1 on 29/1 flying over saddle between Blue L. and Centre Crater (BSG). New Plymouth, airport, 20 in June (RWW). Waitotara R. mouth, 1 on 22/11; c.50 on 14/2, many in immature plumage (DGM, JCM, REL). Rangitikei est., 70+ on 13/6, mostly in breeding plumage, rest nondescript (BDH). Manawatu est., 83 on 7/6 (JLM, MM). Greymouth airfield, 18 on 5/6

(CSL). Blaketown Lagoon, c.30 on 5/6 (CSL). Punakaiki, 24/11, 4 or 5 pairs holding territories on 200 m of beach, 2 nests found but later washed out; 29/1, 1 juvenile (NJW). Farewell Spit, c.860 on 25/6 (JHS, BHS). Wairau Lagoon, 21+ on 2/1 (DJB). Lake Heron, Hokitika R. mouth, 45 on 8/8/80 (NJW). L. Ellesmere, 230 on 26/7 19 on 18/3 (PJ). Kahutara R., pair on 13/11 with chick (BE). Hokitika R. mouth, 45 on 8/8/80 (NJW). L. Ellesmere, 230 on 26/7 on exposed mud with many more scattered over *Salicornia*; much territorial calling and chasing; 10 on 18/10 in loose flock comprising 4 adults and 6 juveniles (PMS); 3 birds colour banded at Melbourne recorded summer 1981-82 (CFJO). Te Whanga, Chatham I, 6 on 26/11 (KJT).

MONGOLIAN DOTTEREL *C. mongolus*

Kidd's Bay, 1 on 27/2 (RBS). Manukau H summer census, 3 pale birds; 4 seen by KJF on 12/4; 1 more strongly marked. Single bird on 24/1, 25 and 28/4 but 3 on 14/4 (BB *et al.*). FoT, Access Bay, 1 on 18/2 assuming breeding plumage (CM). L. Ellesmere, 1 on 13/1 (CFJO).

LARGE SAND DOTTEREL *C. leschenaultii*

Karaka, 1 on 19/9 with no breast band but crown with chestnut wash (AH); 1 on 29/10 (BSG). Manukau H summer census, 2; 4 on 29/11; 1 in breeding plumage on 21/6 overwintered (BB *et al.*). FoT, 1 on 20/9 (AH); 1 from 4/10 to 3/4 (BSG, GMHP, RBS, JRH); 1 on 18/4 (AH). Ashley R. mouth, 1 on 26/10 in non-breeding plumage (PMS).

BLACK-FRONTED DOTTEREL *C. melanops*

Kaituna Cut, 1 on 14/7 and 25/7 (PCML). Otamarakau (Wai-tahanui R. mouth), 1 on 7/6 and 12/6 (PCML, GAT). L. Rotomahana, 7 on 14/6 feeding on mudflat and among drowned manuka, 1 at lake margin; when feeding over mud, the foot "shivering" method was used, alternately with each leg, as the birds moved around (GAT). Te Hauke, 10 on 22/8 (KVT). Waitangi, HB, 6 on 25/4 (RG, KT). Waikanae R. flats, 1 on 23/5 (FN). Tuamarina, 1 on 6/2 (PJ). Wairau R., 1 on 14/2 (DJB). Nelson Haven, 1 on 4/5 and 5/5 (JMH). Waipara R., 1 on 14/11, 5 km from mouth (SCS). L. Ellesmere, 2 on 27/9 attempted copulation (PMS). Washdyke Lagoon, 1 on 9/11 (BHS). Orari R. mouth, 7 on 29/8 feeding on marshy ground in paddock (PMS). Spider Lagoon, 3 on 21/2 (PMS). Aparima R., 2 pairs on 26/10 incubating (RRS). Thornbury, 6 on 24/2 (OJL). Mataura R., Wyndham, 2 on 25/2 (RRS).

NEW ZEALAND SHORE PLOVER *Thinornis novaeseelandiae*

South East I, Dec, 40 pairs breeding; total population 105 (DC).

WRYBILL *Anarhynchus frontalis*

Kokota Spit, Parengarenga, c.100 on 30/1 (CM). Whangapoua Beach, Great Barrier, 4 on 9/4 (KG, BG). Kaipara H, Tapora, 25 on 14/2 (CM); Jordan's Farm, c.6 on 6/6 (BB). Mangere SP, 600+ on 29/4 at No. 4 Pond (RBS). Karaka, 406 on 21/7 (KJF); 500 on 22/5 (RG, BB). Manukau H census, summer 32, winter 1587 (BB); c.4000 on 2/2; flocks visit flats above Mangere Bridge and some cross the isthmus to feed in the Tamaki est. (RBS). FoT, 90+ over-

summering on 17/11 (RBS); 300 on 10/1 (CM); 1300 on 18/2 (Access Bay) (CM); census, summer 312, winter 3009 (BB). Port Waikato, 6 on 11/7, 16 on 13/4 (AH); 11 on 9/5 (BB *et al.*). Matahūi Point, Tauranga H, 55 on 13/6 (BC).. Sulphur Point, 3 on 26/11, 90 on 30/4 (KICF); c.100 on 17/5 flew in and left within two minutes, flying south (GAT). Maketu, 1 on 21/1, 7 on 15/6 (GAT). Kaituna Cut, a few on numerous visits during year, highest count 17 on 27/2 (PCML). Muriwai Lagoon, Gisborne, 44 on 12/3 (BRK). Waitangi, HB, 1 on 3/6 (KVT). Rangitikei R. est., 3 on 22/10 (LJD). Manawatu est., present all months, max. 33 on 25/10; 21 on 27/6 (JLM, MM, LJD). Motueka Sandspit, 2 seen on several occasions during Feb and Mar (BE, JMH). Nelson Haven, 1 on 4/1 (CFJO). Waipara R., 3 on 14/11 on extensive shingle flats (SCS). L. Ellesmere, 4 on 3/10, 2 on 18/10, 13 on 3/2 (PMS); 40 on 24/2, 19 on 19/3 (CM); max. 10, summer 1981-82 (CFJO). Makarora R. bed, only 2 found on 25/10 (PC). Ahuriri R. (North Otago), 5 on 30/12 during walk up riverbed, from L. Benmore to 2 km upstream (LJD). Matukituki R. bed, 7-9/11, total 18 birds seen; 6 pairs with nests (1 empty, others each with 2 eggs); another pair with 1-week-old chick (PC).

FAR-EASTERN CURLEW *Numenius madagascariensis*

Paua, Parengarenga, 3 on 1/2 (CM). Karaka, 1 on 2/7, 3 on 29/10 and 10/2 (BB, BSG). 1 on 7/2 (CM). Yates Point, Manukau H, 3 on 13/2 (RBS). Manukau H census, summer 4 (BB). FoT summer census, 5; Miranda, 2 on 20/9 (AH); 4 on 4/12 (RP); 9 on 1/2 (TC, R. & T. McKenzie); 9 on 18/2 (CM). Matahūi Point, Tauranga, 1 on 20-21/3 (BC). Ohope Spit, 1 on 19/12, 1/1, 11/4, and in May 1982 (WMH, RMW). Kawhia Harbour, 1 on 27/2 (BHS). Manawatu est., 1-3 from 22/8 to 28/2 (JLM, MM, LJD). Farewell Spit, 3 on 25/6 (BHS); 7 on 13/11 (CM). Orowaiti est., Westport, 1 on 15/12 (DJO). Ashley R. mouth, 1 on 12/3 (CFJO). Hokitika R. mouth, 1 on 13/11/80 (NJW). Waituna Wetland Reserve, 6 on 16/12 (RRS).

ASIATIC WHIMBREL *N. phaeopus variegatus*

Kokota Spit, Parengarenga, 1 on 30/1 (CM). Paua, 2 on 1/2 (CM). Karaka, 2 on 7/2 (CM). Manukau H census, 2 on 13/12 (BB). Piako/Waitakaruru R. mouths, 22 on 10/12 (RP). FoT, Waitakaruru, 22 on 10/12 (R. Parish, Wildlife Service). Ohope Spit, 3 on 26/12/80 (WMH); 1 on 1/1, 3 on 11/4 (RMW). Kawhia H, 2 on 11/7 (BHS). Farewell Spit, 3 on 25/6 (JHS, BHS); 2 on 13/11, 7 on 18/11 (CM). Okarito beach, 1 on 14/11 with godwits and knots (CSL).

AMERICAN WHIMBREL *N. p. hudsonicus*

Paua, 1 on 1/2 (CM). Karaka, 5 on 21/7 with dark rumps (KJF). 1 on 7/2 (CM). Manawatu est., 1 on 28/2 (JLM, MM). Farewell Spit, 2 on 25/6 (JHS, BHS); 3 on 13/11, 2 on 18/11 (CM). Waimatuku mouth, 1 on 28/3 (MLB).

WHIMBREL sp.

Jordan's Farm, Kaipara H, 14 on 13/3 (BB). Karaka, 5 on 16/8 (BB); 4 on 19/9 (AH); 8 on 14/3 (IS); 3 on 14/4 (BRK).

Manukau H census, 5 on 13/12 (BB). Manawatu R. est., 1 on 28/2 (LJD). Mullet Creek, Farewell Spit, 5 on 13/11 (CM).

LITTLE WHIMBREL *N. minutus*

Jordan's Farm, Kaipara H, 1 on 13 & 14/3 (BB, HH, BS, *et al.*)

ASIATIC BLACK-TAILED GODWIT *Limosa limosa melanuroides*

AMDB ponds, Mangere, 1 on 9/7 in flight (BB, E. J. Keeble); 1 on 16/7 (AH); 1 on 1/3 (M & SG). Manawatu est., 2 from 16/1 to 30/6, neither showing any sign of breeding plumage (JLM, MM). Farewell Spit, 1 on 24/6 (JHS).

HUDSONIAN GODWIT *L. haemastica*

Westshore, 1 on 2/11 (NBM). Manawatu est., 1 on 24/10; 1 on 1/5 to 7/6, in breeding plumage (JLM, MM).

EASTERN BAR-TAILED GODWIT *L. lapponica*

Karaka, 1500 on 19/9, 8000 on 23/11 (AH); 4000 on 23/1 (CM, BAE); 7000 on 14/3 (IS); 1000+ on 28/3, 300 on 22/5 (RC). Manukau H census, summer 14274, winter 1316 (BB). Mataitai, 800 on 4/11 (AH). FoT census, summer 4950, winter 436 (BB). Access Bay, 8000 on 23/9 (RBS). Miranda, 2500+ on 14/11 (GJHM). Port Waikato, 30 on 21/12 (AH). Bowentown, c.1000 on 26/1 (PCML). Kaituna Cut, c.500 on 17/10, c.800 on 27/2 (PCML); c.2000 on 26/11 (KICF). Matahui Point, Tauranga H, 1500+ on 18/3 dropping to 200 by Jun (BC). Ohope Spit, 2000+ on 9/2/81 (WMH). Kawhia Harbour, 2700 on 27/2 (BHS). Muriwai Lagoon, 198 on 5/10 (BRK). Wairoa R. est., 20 wintered over (GF); 250 on 25/12 (GF). Bell Block SP, up to 6 between 17/10 and 1/11 (DGM, RWW). Manawatu R. est., present all year, max. 420 on 27/2, min. 2 on 1/8 (JLM, MM). Pauatahanui, 10 on 26/10 (DMS, BMS). Armers Beach Lagoon, 1 on 25/1, very rare at Kaikoura (BE). Orowaiti est., Westport, 1 on 24/7, 13 on 7/10, 10 on 2/12, 3 on 16/2, 1 on 21/6 (DJO). Heathcote-Avon est., 203 on 2/5 (including an albino) (GAT). Ashley est., 100+ on 26/10, 7 on 18/4 (PMS). White-stone R., Te Anau, 1 on 14/10 (RRS). Invercargill est., 240+ on 24/9; 2000+ on 26/9 (MLB). Te Whanga Lagoon, Chatham I, 8 on 26/11 (KJT).

GREENSHANK *Tringa nebularia*

Te Werahi Stream, Cape Maria Van Diemen, 1 on 30/1 — a resident since 1978! (CM, DFB). Matahui Point, Tauranga H, 1 seen at different times from 18/3 to 13/6 (BC); probably same bird seen Nov 1977 (PCML). Awarua Bay, 1 on 6/12 (MLB). Invercargill est., 1 on 5/12 (MLB).

MARSH SANDPIPER *T. stagnatilis*

Miranda, 1 on 14/1/82 feeding in "flooded" paddock north of limeworks and associating with Pied Stilts (BHS). FoT, 1 first seen on 7/5/80, stayed right through and was still frequenting "Swallow Pools" on 18/4 (BB *et al.*). Kaituna Cut, 1 on 16/2 (GAT); 1 on 14/3 and occasionally seen up to 19/6 (BC, RMW, WMH); 1 on 15/6 (GAT). L. Ellesmere, 2 on 12/12/81 feeding on damp mud in much the same way as Wrybills, holding head horizontal and sweeping bill side to side; 3 on 6/2 feeding very actively over *Salicornia*

by scything bills for flies (PMS); 3 on 24/2 (CM); 3 present 12/1/81 to 17/4/82 — first 2 arrived c. 13/11/81; 4th arrived at Cooper's Lagoon 12/2 (CFJO).

WANDERING TATTLER *T. incana*

Armer's Beach, Kaikoura, 1 on 24/4 in summer plumage (JFMF).

SIBERIAN TATTLER *T. brevipes*

Karaka, 1 on 14/4 seen regularly for 2 years (BB *et al.*). Kaikoura, 1 on 13/9 (PMS); 3 on 27/10 (GAT).

TATTLER sp.

Karaka, 1 on 19/9 (AH). Armers Beach, Kaikoura, 2 on 4/12 (BE). Awarua Bay, 2 on 6/12 (MLB).

COMMON SANDPIPER *T. hypoleucos*

Wairoa River, Westhaven, bird seen on 12-13/3/81 was still on same patch 17/11 and 21/11 (CM, BDH).

TEREK SANDPIPER *Xenus cinereus*

Paua, 2 on 1/2 (CM). Ngapuke Creek, Kaipara H, 2 on 13/3 (BB, NP). Karaka, 1 on 23/1 and 8/2 (CM, BAE, JU). FoT, Miranda, 1 over summer, still present on 29/6 (RBS, AH); 2 on 24/7 (BHS); Taramaire, 1 on 23/12 (CCO); Access Bay, 1 on 18/2 (CM); 2 on 26/5 (BC). Farewell Spit, 1 on 25/6 (BHS).

TURNSTONE *Arenaria interpres*

Wiroa I, Auckland Airport, 50 on 31/10 (BSG). Farm Point, Mangere, 10 on 26/1 on rocks (RBS). Karaka, 405 on 29/11, 30 on 22/5 (BB, RC). Manukau H census, summer 264, winter 123 (BB). Wharekawa, FoT, 60 on 3/2; 22 on 27/6 (RBS). Kaiaua, c.200 on 16/2 on stony beaches (RBS). FoT census, summer 80, winter 26 (BB). Matakana I, c.200 on 13/11 with godwits on Ocean Beach (FN). Tauranga H, north end, 200+ roosting on shellbanks in Jan building up to 600+ on 3/4 (BC). Bowentown Beach, c.300 on 26/1; 800/1000 on 3/4 — this count far greater than is normal for Tauranga Harbour; usual 300 birds could have been joined by migrants moving north; majority departed on 3/4 (PCML). Maketu est., max. 21 on 4/1; 7 on 6/3 (GAT). Kaituna Cut, 6 on 17/10 (WMH). Muriwai Lagoon, Gisborne, 1 on 23/11 and during Feb (BRK). Westshore, 5 on 7/11 (KVT). Bell Block SP, 2 on 17/10 (RWW). Manawatu est., present 3/10 to 29/12, max. 9 on 23/12; then 1 on 28/2 (JLM, MM). Farewell Spit, 149 on 23/6 (JHS, BHS). Motueka Sandspit, 200 on 27/3 (BE). Nelson Haven, 1 on 23/11; rarely seen in this location (JMH). Armer's Beach Lagoon, 44 on 7/1 (BE). L. Grassmere, 21 on 3/4 (BDH). Kaikoura Pen., c. 161 on 27/10, 3 still on 9/5 (GAT). Ashley R. mouth, 1 on 28/10 (PMS). L. Ellesmere, 1 on 6/2 (PMS); max. summer 1981-1982, 10 (CFJO). Rakaia R. mouth, 9 on 29/3 (CFJO). Ashburton R. mouth, 2 on 3/82 (CFJO).

CHATHAM ISLAND SNIPE *Coenocorypha aucklandica pusilla*

Mangere I, estimated 20-30 pairs in 4-ha bush; remains of bird found in skua midden 3/12 (DVM). Eggs found Sep to Dec (AKM).

KNOT *Calidris canutus*

Oyster Point, Kaipara H, 10 000+ on 13/3 (DGB, TH). Wiroa I, Auckland Airport, 5 on 5/7, 50 on 31/10 (BSG). Manukau H census, summer 23 200 (18 000 at Karaka, the largest flock so far recorded there); winter 2964 (BB). Karaka, c.10 000 on 23/1 (CM, BAE) and 8000-10 000 on 14/3 (IS); 1000 on 22/5 (RC). FoT census, summer 7500, winter 3700; Access Bay, 6000 on 17/11 and 1800 on 16/5 (BB). Matahui Point, Tauranga H, 25 on 18/3 (BC). Maketu, max. 6 on 17/2 (GAT). Lake Tarawera, 1 in Nov 1981; hit power lines, probably blown inland by storms (GAT). Bell Block SP, up to 7 between 17/10 and 1/11 (DGM, RWV). Muriwai Lagoon, 4, Oct-Nov (BRK). Wairoa R. est., 25 on 25/12 (GF). Waitangi, HB, 4 on 5/11 (KVT). Westshore, 7 on 2/12 (KVT). Manawatu est., present from 12/9 until 28/3, max. 205 on 30/1 (JLM, MM). Farewell Spit, 88 on 23/6 (JHS, BHS). Nelson Haven, 1 on 4/1 (CFJO). Orowaiti est., Westport, 1 on 15/12 (DJO). Okarito, 4 on 14/11 (CSL). L. Ellesmere, 51+ on 12/12, 19 on 4/1, 30+ on 3/2, 45 on 6/2 (PMS); max. summer 1981-82, 80; 6 overwintered (CFJO). Taupeka Point, Chatham I, 75+ on 27/11 (KJT).

SHARP-TAILED SANDPIPER *C. acuminata*

Kaipara H, 13/3, 1 at Ngapuke Creek and 2 at Oyster Point (BB, DGB, TH). Manukau H, Karaka, 4 on 16/1 (AH); Yates Dam, 2 on 3/12 (RBS); summer census, 5; 4 at Karaka on 16/1 (BB, AH) and 12/4 (KJF). FoT, Miranda, 6 on 1/2 (RWL); Access Bay, 5 on 18/2 (CM); census, summer 7, winter 1 (BB); "Swallow Pools," 9 on 21/3 (TC). Kaituna Cut, 7 on 10/2 (WMH); 10 on 22/2 (GAT); 8 on 14/3 (RMW). Whakatane SP, 3 on 2/1 (RMW, WMH). Westshore, 5 on 7/11 (KVT). Manawatu R. est., 2 on 15/11 (LJD); 2 on 20/24 Dec; up to 7 from 13/2 to 28/3 (JLM, MM). L. Ellesmere, 1 on 4/1 and 19 on 3/2 (PMS); 20 on 24/2 (CM); max. summer 1981-82, 25 (CFJO). Southland, Waimatuku R. mouth, 1 seen 5 times between 1/12 and 28/3 (MLB); Awarua Bay, 7 on 6/12 (MLB). Hapupu, Chatham I, 3 on 26/11 (KJT).

PECTORAL SANDPIPER *C. melanotos*

Karaka, 1 on 16/1 and 14/3 (AH, BB, IS). Access Bay, FoT, 1 on 31/1 (BG, GMHP); 1 on 28/4 (BG, GMHP, BSG). Taramaire/Miranda, 3 on 7/12 (RP). Kaituna Cut, 2, 18-27/2 (PCML). Bell Block SP, 1 26-28/10 (DGM, REL). Westshore, 3 on 18/11 (KVT). Manawatu R. est., 1, 20-24 Dec (JLM, MM). L. Ellesmere, 8 on 4/1 roosting with Pied Stilts high on shore; 1 on 6/2 (PMS); 7 on 24/2 (CM); max summer 1981-82, 9; 2 overwintered (CFJO). Ashburton R. mouth, 1 on 26/2 (CFJO). Oamaru, 2 on 12/3 on small farm pond 5 km inland (CFJO). Waimatuku R. mouth, 3 seen 5 times between 1/12 and 28/3 (MLB).

CURLEW SANDPIPER *C. ferruginea*

Karaka, 7 on 2 and 5/7, 8 on 19/7 (BB). FoT, Miranda, 18 on 18/4 (AH); Access Bay, 17 on 18/2 (CM); Taramaire, 3 on 4/12 (RP); 12 on 28/2 (PCML); 11 on 28/4 (BSG). FoT census, summer 20, winter 1 (BB); 22+ on 21/3 (TC); red-tagged bird seen on many occasions (BB); 12+ on 18/4, darkly red (RBS); lone very red

bird on 16/5 (BB). Westshore, 1 on 10/10 (KVT). Farewell Spit, 1 on 25/6 (JHS); 4 on 13/11 (CM). L. Ellesmere, 2 on 26/7; 1 on 3/10 very highly coloured; 31+ on 12/12, 17 on 3/2 (PMS); 60 on 24/2; 29 on 19/3 (CM); 26 on 22/4 (GAT); max. summer 1981-82, 64; 5 overwintered (CFJO). Awarua Bay, 13 on 6/12 (MLB).

RED-NECKED STINT *C. ruficollis*

Tapora, 1 on 14/2 (CM). Manukau H, Karaka, 8 on 19/7, 13 on 18/10 (BB); 4 on 29/10 (BSG); 23 on 23/11, 30 on 16/1, 20 on 12/4 with 12 showing colour (BB); 12 on 7/6 (BB, KJF, AH); harbour census, summer 24, winter 12 (BB). Miranda, 5 on 3/2, a few all summer (RBS, JRH). FoT census, summer 3, winter 1 (BB). Bowentown, 1 on 10/4 with Banded Dotterel (FN). Kaituna Cut, at least 4 present between 17/10 and 27/2 (PCML, WMH). Maketu, 7 on 4/1, 5 on 10/3, 1 on 15/6 (GAT). Ohope Spit, 1 on 9/1/81 (WMH). Muriwai Lagoon, 2, Feb (BRK). Westshore, 2 on 10/12 (KVT). Manawatu R. est., 2 on 28 & 29/11, 2 on 13/2 (JLM, MM). Farewell Spit, 3 on 14/11 (CM); 7 on 23/6 (JHS). L. Ellesmere, 7 on 26/7 (PMS); 150 on 24/2; 51 on 19/3 (CM); max. summer 1981-82, 214; 1 overwintered (CFJO); 93 on 16/4 (GAT); 3 on 4/5 (GAT). Awarua Bay, 39 on 6/12 (MLB).

SANDERLING *C. alba*

Karaka, 1 on 23/5 (RC, AH). L. Ellesmere, 1 on 13/11 (CFJO). Mullet Creek, Farewell Spit, 1 on 12/11 (CM). Awarua Bay, 1 on 6/12 (MLB).

PIED STILT *Himantopus himantopus leucocephalus*

Manukau H census, summer 1899, winter 4691 (BB). FoT census, summer 1160, winter 4495 (BB). Little Waihi, 259 on 16/5 (GAT). Kaituna Cut, c.300 on 19/6 (PCML). Maketu, 667+ on 16/5 (GAT). L. Rotomahana, 115 on 10/1 (GAT). L. Rerewhakaaitu, 341 on 13/12 (GAT). Kawhia H, 318 on 27/2 (BHS). Bell Block SP, 60 on 21/11 (DGM). Waitotara R. mouth, 55 on 14/2 (DGM, REL). Westshore, 928 on 2/11 (KVT). Patea R. mouth, 17 on 3/4 (DGM). Manawatu est. present all year, max. 355 on 1/5 (JLM, MM). Arahura R. mouth, 30 on 22/1/81 (NJW). L. Grassmere, 168 on 3/4 (BDH). Cobden Lagoon, 7 (inc. 2 juv) on 5/6 (CSL). Rangiriri, Chatham I, 2 on 28/11 (KJT).

BLACK STILT *H. novaezeelandiae*

Kaipara Harbour, Jordan's Farm, 1 on 14/3, smudgy (BB); Ngapuke Creek, 1 on 14/3, a typical subadult, not quite all black (RBS); Oyster Point, 1 on 14/3 showing some white (RBS). Wiroa I, Auckland Airport, 1 on 29/5 feeding with 50 Pied Stilts — lower breast and belly smudgy; patch of white on cheeks and throat; under tail white (BSG). Puhinui Creek, Manukau H, 1st week in May, 1 (R. Cometti). Waimahia Inlet, Manurewa, 1 on 3, 4 & 7/11 (KJF). Miranda, 1 on 14/3 (LB). Kawhia H, 8 on 27/2 — 4 all black, 2 with some speckling on belly and around vent, 2 with a little white at base of bill and vent (BHS). Manawatu est., smudgy immature from 16/1 to 28/2 (JLM, MM). Ahuriri R., North Otago, 2 on 30/12 2 km up river from mouth at L. Benmore; not banded and were feeding in shallow water running over gravel; did not associate with 13 Pied Stilts 20 m away (LJD); 18 on 2/4, and up

to 33, 26/4-14/5 (CFJO). Godley R. delta, 5 on 2/4 (CFJO). Dobson R. delta, 2 on 2/4 (CFJO). Totaranui, 1 on 13/2 (CFJO).

SOUTHERN GREAT SKUA *Stercorarius skua lonnbergi*

Foxton Beach, 1 on 12/10/80 (JLM, MM). Waitaki R. mouth, 1 on 11/3 (CFJO).

POMARINE SKUA *S. pomarinus*

Foxton Beach, an immature bird with pale rump on 13/4 (JLM, MM). Farewell Spit, 1 on 13/11 (CM). Kaitorete Spit, L. Ellesmere, 1 on 13/11 (CM). Rakaia R. mouth, 2 on 23/3 (CFJO).

ARCTIC SKUA *S. parasiticus*

Whangarei H, 1 on 16/5 (CM). Waiheke I, 2-3 on 26/11 offshore (BB). Taramaire, Fot, 2 on 4/12 (RP). Ohui, offshore between mainland and Slipper I, 1 dark phase on 18/1 (PCML). Papamoa, offshore between mainland and Motiti I, 1 dark phase on 26/1 (PCML). Papamoa Beach, 2 pale phase on 9/3 chasing White-fronted Terns over beach (PCML). Kawhia H, 1 on 27/2 (BHS). Foxton Beach, 1 on 26/10; up to 3 from 27/3 to 10/4 (JLM, MM). Ohau (Levin), 1 on 9/1 (white below, whitish rump, white patch on base of primaries; in primary moult) (BDH). L. Ferry, 2 on 28/3; 6 on 8/4, 2 with white below and 1 with pale rump (BDH, JES). Farewell Spit, 1 on 12/11 (CM). Nelson Haven, 1 on 21/6 (JHS). Tauranga Bay, Cape Foulwind, 1 on 2/12 (DJO). Punakaiki, 2 on 25/1 (NJW). Porarari R. Beach (Punakaiki), 2 on 17/3 (DJO). Charlestown, 2 on 18/4, 7 on 27/4, 5 on 28/4 (DJO). Cobden Beach, 2 on 15/4 (NJW). Kaitorete Spit, L. Ellesmere, 1 on 18/4 (CM). Queen Charlotte Sound, birds of both light and dark phases seen during Dec and Jan (SCS).

SKUA sp.

Waitotara R. mouth, 1 dark phase probably Arctic following White-fronted Terns on 14/2 (DGM, REL). Miranda, on 4/4 on two occasions skua mobbed by godwit and knot flocks until intruder well clear of roost; nearby roosting SIPO stayed put, other small waders, Wrybill, etc., took flight but did not participate (AH).

BLACK-BACKED GULL *Larus dominicanus*

Manukau H census, summer 479, winter 959 (BB). FoT census, summer 1015, winter 848; Taramaire, up to 150 inland on 17/10 and c.50 young grey birds on 17/11 (BB). Mt Tarawera, 425-500 on 12/12; 31 empty nests, 7 with 1 egg, 5 with 2 eggs, 1 with 3 eggs; chicks running free, 10 (RMW). Waitotara R. mouth, several hundred nests with eggs and chicks on 22/11; deserted by 14/2 but many corpses, some freshly killed (DGM, JCM, REL). East Clive, small nesting colony 29/12 (KVT). East Clive to Awatoto, HB, 1725 on 18/7 (KVT). Westshore, 235 on 2/11 (KVT). South East I, estimated 32 breeding pairs Nov with main concentration near seal colony (MDD).

RED-BILLED GULL *L. novaehollandiae scopulinus*

Outpost 1, Leigh, c.40 on 9/1, including a few with nests (MJT). Manukau H census, summer 105, winter 3819 (BB). FoT census, summer 238, winter 1196 (BB). Pongakawa Stream (BoP), 350 on 11/4; group feeding on grass pasture, some flying ahead and feeding,

then birds from the back flying forward over mob and feeding ahead (JHS, BHS). Sulphur Point, L. Rotorua, 1000 on 4/3 (RWJ). Waitangi, HB, 230 on 31/3 (KVT). Punakaiki, 42 on 12/1, including 6 juv (NJW). Nellies Nook, South East I, egg laying began about 18/11; estimate 25 breeding pairs on island (MDD).

BLACK-BILLED GULL *L. bulleri*

Kawakawa Bay, 10 on 27/6 (RBS). FoT, census, summer 50, winter 15 (BB); Access Bay, 60-100 on 1/2, 30 half-grown chicks (TC). Kawhia H, 3 on 27/2 (BHS). Tarawera R. mouth, 4 on 26/6 (PCML). Sulphur Point, Rotorua, 90 on 14/3, including 14 first-year and 5 second-year birds (RWJ). Muriwai Lagoon, Gisborne, 100+ on 24/5 (BRK). Wairoa R. bar, c.125 pairs Dec, many young well developed by 25/12, nests still with eggs (GF). Oputama Beach, Mahia, 8 on 29/11 (GF). Waitangi, HB, 500 on 29/10; 5/11, nests being built, total 230; weekly visits made until chicks hatched, but on 21/1, site had been vandalised and was deserted (KVT). L. Horowhenua, 60 on 9/1; 0 on 29-30/5 (BDH). Farewell Spit, 167 on 25/6 (JHS, BHS). Buller/Howard R., 80+ with 18 on nests and young on 18/11, none present on 28/11; 125 abandoned nests and large flock on shingle up Howard but not renesting on 19/12 (PJ). Kahutara R. mouth, c.900 on 14/9 (BE). Kowhai R. mouth, c.1300 on 25/7 (BE). L. Ellesmere, 128 on 6/2 roosting in shallows at lake edge (PMS). Lower Waitaki R., c.1500 on 1/1 (LJD). Eglinton Valley, Walker Creek, 122 adults and 59 large young on 6/12 (KM).

BLACK-FRONTED TERN *Sterna albobriata*

BoP, Rangitaiki R. mouth, 1 on 9/5/81 (WMH); 12 on 5/7 (PCML); 22 on 5/7 2 km inland from mouth (PCML); Tarawera R. mouth, 10 on 7/6/80 (WMH); 13 on 1/5 (RMW); 30-40 on 7/6 (PCML). Waitangi, HB, 75 on 18/6 (KVT). Waikanae Beach, 12 on 20/4 and 7/6 (BMS, DMS). Farewell Spit, 123 on 25/6 (JHS, BHS). Upper Wairau R., 80+ on 29/11. Kaituna, NW Blenheim, 23 on 2/12 over pasture (DJB). Wairau Spit, 100+ on 10/5 (GAT). Buller/Howard R., 18 on 18/11, 3 birds on nests; none present 28/11, 4 empty nests with shell present on 19/12; shingle plant operating within a few yards (PJ). Motueka Sandspit, 21 on 27/3 (BE). Seal I, 14 juv on 25/1, 42 on 10/5 (BE). Kowhai R. mouth, 40 on 25/7 (BE). Arahura R. mouth, 3 on 19/1/81 (NJW). Ahuriri R., 30/12, 3 pairs with nests and eggs plus 10 unoccupied birds roosting nearby (LJD). Dart R., 9 on 16/11 (MLB). Rees R., 2 on 16/11 (MLB).

WHITE-WINGED BLACK TERN *Chlidonias leucopterus*

FoT, Wharekawa, 1, 15/10-17/11; 2 from 5/12 to 1/2 and 1 from 18/2-13/6, when it was seen at Access Bay in breeding plumage (AH, BB, TC, AJG, JRH, RBS). Westshore, 1 on 6/5 in advanced nuptial plumage (NBM). Spider Lagoon, South Canterbury, 2 on 21/2 in non-breeding plumage (PMS). Opihi R. mouth, 2 on 25/4 in non-breeding plumage roosting among Black-fronted Terns (PMS).

GULL-BILLED TERN *Gelochelidon nilotica*

Jordan's Farm, Kaipara Harbour, 6/6, 2, and a probable third more distant, were feeding into wind across seaward field. One rested on grass briefly. All had reduced black caps (BB, DGB. *et al.*).

CASPIAN TERN *Hydroprogne caspia*

Kaipara H, 13/3, Ngapuke Creek, c.40 and Oyster Point, 45 (BB). Wiroa I. Auckland Airport, 20 on 16/5 (BSG). Karaka, 71 on 16/8, 70 on 28/3, 68 on 7/6 (BB, KJF). Manukau H census, summer 86, winter 130 (BB). FoT census, summer 44; winter 84 (BB). Whangapoua, 44 birds on 1/11 — 3 two-egg nests, 17 one-egg nests, 15-20 scrapes; c.9 broken eggs, probably due to recent flooding (GMHP). Port Waikato, colony of 222 on 22/11 (AH). Bowentown, c.50 on 26/1 on shellbanks (PCML). Sulphur Point, Tauranga, 83 on 24/4 roosting (BC). Matahui Point, Tauranga H, 50 on 30/5 (BC). L. Rotorua, 35 on 25/2 (GAT). Maketu, 7 on 10/3, 6 on 16/5 (GAT). Whakatane R. mouth, 5 on 31/5 (GAT). Matata Lagoon, 2 on 11/4; 1 dived repeatedly to pick up a stick, then carried it up to c.50ft, dropped it again, and then dived to retrieve it (JHS, BHS). Ohope Spit, 11 on 31/5 (GAT). Ohiwa H, 30 on 2/11 nesting on island (WMH). Muriwai Lagoon, 11 on 26/4 (BRK). Urenui-Cape Egmont, small numbers along coast, Jul-Jun (DGM). Westshore, 15 on 14/5 (GAT). Tukituki R. est., 19 on 16/5, all in winter plumage (W & MT); 34 on 18/7 (JW). Manawatu R. est., 32 on 9/4 (JLM, MM). Moutere Sandspit, 60 on 23/2/81 (JMH). Hokitika R. mouth, 3 on 14/11/80 (NJW); 4 on 14/11 (CSL). Okarito, 1 on 14/11 (CSL). L. Ellesmere, 12 nesting pairs summer 1981-82 (CFJO). L. Waitaki, 3 on 30/4 (CFJO). Ahuriri R., 1 on 30/12 (LJD).

CRESTED TERN *Sterna bergii*

Scorching Bay, Seatoun, 1 on 19/12 loosely associating with a flock of breeding White-fronted Terns (BMS, DMS).

FAIRY TERN *S. nereis*

Te Arai Stream, Mangawhai, pair on 19/12 with 2 eggs; still present 24/1 but no nest (CM). South Kaipara Heads, 2 on 28/11 (MJT). Bowentown, 1 on 3/4 on shellbanks (PCML). Sulphur Point, Tauranga, 1 on 6/11 (KICF).

LITTLE TERN *S. albigrons*

Karaka, 8 on 29/10 (BSG); 3 on 23/11 (AH); 1 on 24/5 in breeding plumage (BSG). Manukau H census, summer 8 (BB). FoT, census, summer 3 (BB); 8 on 3/2, some present all summer (RBS). Access Bay, 10 on 3/12 (BB, AJG). 12 on 4/1 (TC); 5 on 27/4, of which 4 were immature (BSG); 10 on 18/2 (CM). Ohope Spit, 2 on 26/12/80 (WMH). Muriwai Lagoon, Gisborne, 1, Dec and Mar (BRK). Motueka Sandspit, 1 on 25/2 (BE, JMH).

WHITE-FRONTED TERN *S. striata*

Karaka, 70 adult and 6 juv on 24/1 (BB). Manukau H census, summer 133, winter 142 (BB). FoT census, summer 192, winter 338 (BB). Access Bay, 300+ on 3/12 (BB, AJG); up to 200 breeding pairs on 4/1 and birds still laying, though a few small and a few very large chicks pointed to renesting after flooding (TC); on 1/2 c.100 chicks more than half grown and 2 flying (TC). Port Waikato, colony of 350 birds and 152 nests on 21/12; 149 on 10/1 with 149 nests (AH). Opoutere Beach, north end, c.100 on 18/1; south end, c.100 on 19/1 (PCML). Tarawera R. mouth, 300+ on 31/5 (GAT).

Bowentown, 30 on 3/4 on shellbanks (PCML). Maketu, c.340 on 10/3; 6 on 15/6 (GAT). Port Ohope Spit, 200 plus 30 juv on 23/2; returned after absence of 8 years to breed and nearby were Red-billed and Black-billed Gulls nesting (RMW). Muriwai Lagoon, Gisborne, 47 on 1/2 (BRK). Wairoa R. bar, 300 pairs nesting Dec with Black-billed Gulls (GF). Waitangi, HB, 250 on 29/10; nesting colony washed out 31/10 (KVT). Manawatu R. est., 78 on 28/2 (LJD); 120 on 10/4 (JLM, MM). Farewell Spit, 26 on 23/6 (JHS, BHS). Wairau bar shoreline, 50 on 12/9 (DJB). Wharariki, 200 on 12/4 (BE). Punakaiki, 116 on 12/1, including 3 juv (NJW). Hokitika R. mouth, 160+ on 24/8/80 (NJW). Ashley est., 128 on 18/4 (PMS). Caroline Bay, Timaru, 295 on 20/3 (PMS). South East I, estimate 70 breeding pairs; egg laying began 24/11 (MDD). Mangere I, laying started mid-Nov (DC).

NEW ZEALAND PIGEON *Hemiphaga novaeseelandiae*

Waiheke I, flock of 20 on 20/1 (MJT). L. Okareka, abundant in tree lucerne Jul/Aug (JI). L. Waikaremoana, c.40 on 26/2 in a flock, swooping, diving and chasing above camping ground (PM per BHS). Rangitoto Ranges, 10 on 20/3 on summit track (BHS). Motu R., abundant in the mid and lower reaches 29-31/1 (GAT). Bushy Park, Kai-iwi, 8 on 4/4 in puriri tree (DGM). Christchurch, 10 on 29/4 roosting in *Betula* in Botanic Gardens (CFJO). Whitcombe R., Westland, 1 on 9/4 (GAT). Te Anau, absent over winter until 2/9; 22 stripping laburnums on 30/1 (JVM). Halfmoon Bay and environs, 13-22/1, most common species (WJC).

WHITE COCKATOO *Cacatua galerita*

Manurewa, 1 early Feb (GF). Pukekohe East, 1 on 30/4 being harassed by magpies (AH). Waiuku Forest, on 2/5, 2 birds returning to roost in forest at late dusk (AH). Port Waikato, 18 on 11/7 (AH). Pohangina Valley, 1 km north-west of Totara Reserve, 11 on 13/9 (LJD). L. Ryan, Mar-Jun, 1 seen periodically (NJW).

KAKA *Nestor meridionalis*

Little Barrier, 3 on 1/4 together and c.5 more flying near junction of Summit and Valley Tracks (BB). Man o' War Bay, Waiheke I, flight of 12 over native forest on 20/1 (MJT). Huia, 1 on 31/1 (JGH). Remuera, 1 on 28/4, noisy (RBS). Duder's Beach, Maraetai, 1 on 24/4 (JGH). Mt William Walkway, 1 on 24/3/79 (JGH). North Mamaku SF (eastern boundary), 1 on 11/3 (GAT). Rangitoto Range, 3+ on 20/3 on summit track (BHS). Pureora, 1 on 16/5 (SG); 12/10 especially noisy at this time of year (JI). Aniwanui, Urewera NP, usually 6+ 18/12 to 14/1 (JGH). Ngutuoha, Urewera NP, several heard daily 12/5 and 18/5 late morning and early evening (JGH). Marsden, 1 on 18/7 flying over cut bush (CSL). West Matukituki, 9/4, a pair feeding flying juvenile in silver beech forest above Aspiring Hut (PC). Chalky Inlet, North Port, 3 on 27/3 fluting at dusk (KM). Frew Saddle and Mathias Pass, present 9-11 April (GAT). Cobb Ridge, 3 on 6/3 swooped down on car and started devouring tyres (BE). Whitburn Valley, W. Dart, on 10/4 flock of 9 arrived in evening to roost in bluffs (PC). Cascade Basin, head of Dart (alt. 5300ft), on 12/4, flock of 6 feeding on snowberries along bluffs (PC). North Mavora L., 6 on 17/3 (WJC).

EASTERN ROSELLA *Platycercus eximius*

Opuawhanga, 10/9, pair investigating nest box put up for starlings; 14/9, watched chiselling out hole in nest box — while one bird chiselled the other kept watch; even though hole was enlarged, birds failed to nest (JFS). Tahekeroa, 8 on 10/4 (DGM). Oyster Point, Kaipara H, 7 on 6/6 (BB). Waiheke I (Goodwins Bush), 1 on 21/2 (BB). Ness Valley, Clevedon, 6-8 on 22/10 feeding on ground (BB, DFB). FoT, Waharau Reserve, present 18/4 (BB). Ramarama-Drury, 2 on 13/8 (AH). Kaueranga Valley, 4 or 5 each day 16-20/11 (MB). Waingarua Bush, Ngaruawahia, 6 on 29/3 (MS). Oparau Stream, Kawhia, 1 on 11/7 (JHS).

RED-CROWNED PARAKEET *Cyanoramphus novaezeelandiae*

Opuawhanga, 1 on 30/10 (JFS). Little Barrier, 1 on 29/6 feeding on *Astelia* fruit (GAT). Whangapoua Beach, Great Barrier, 5 on 11/4 in puriri (LN, CH, KB). South East I. female incubating Dec (DC).

YELLOW-CROWNED PARAKEET *C. auriceps*

Little Barrier, 1 on 28/6 feeding on *Pittosporum umbellatum* (GAT). L. Rotoaira, foot of Pihanga, 2 on 15/1. Karioi SF, 14/1, small flock in bush remnant surrounded by exotic plantation (DJB); Access Road No. 15, off Desert Road, Turangi, 1 on 17/1 (BE). Kumara reservoir, 3 on 30/8 (CSL). Hukarere, 2 on 14/3 (CSL).

CHATHAM ISLAND YELLOW-CROWNED PARAKEET

C. auriceps forbesi
Mangere I, estimate 40 in 4-ha bush (DC); 29/10 nest of 4 eggs hatched (AKM). 20/1, single chick in nest (CRV).

SHINING CUCKOO *Chrysococcyx lucidus*

Opuawhanga, 1 on 18/11 sitting on power line undisturbed by activity underneath; 5/2, young bird fed by pair of Grey Warblers, female Chaffinch and a Fantail (JFS). Matakana I, 10+ on 21/11 flying about in group, calling continuously (FN). Pukekohe East, 18/11, male feeding female perched on small gumtree with damselfly, caterpillar and a beetle plus other insects, for more than 15 minutes until they were joined by two other birds, when all flew into tall tree. Quite a number of this species in the area at this time and calls heard at night, 10-11 p.m. (TH). Papamoa Hills, last heard on 17/2 calling at 11.30 p.m. and flying north (GAT). Tupara, Taranaki, prolonged whistling on 15/10 (RBS). New Plymouth, first heard 7/10 (JCM, G. Dumbell); 3 together in suburban garden on 21/11 (DGM); 1 calling at 11.30 p.m. on 21/12 (RWW); last heard 31/1 (DGM). Te Popo, Stratford, first heard 25/9 (JM). Pokeka Stream, Waitotara SF, 6 heard on 21/11 during 2-hour walk (LJD). Pinehaven, Hutt Valley, 1 fully grown young being fed by 2 Grey Warblers 30/1 and 1/2; constant calling all day (BDH). Punakaiki, 7/10 first heard calling in *Pinus radiata* (NJW). Charlestown, first seen and heard on 1/10 and last 7/4 (DJO). L. Rotorua, Kaikoura, 2 seen and 4 heard on 13/11 (BE). Lewis Pass, 2 on 5/1 at Summit (CFJO). Sealers No. 1 Creek, Fiordland, 1 on 4/11 singing (KM). Mangere I, 1 heard and seen 22-26/11 but not heard after 26/11 (DVM). South East I, 1 heard Nov-Jan but probably pair present as chick found in Chatham Island Warbler's nest 18/1 (DC).

LONG-TAILED CUCKOO *Eudynamys taitensis*

Langholm, 1 on 4/3 calling at 2230 (MJT). Hamilton City (near Lake), 1 immature bird on 28/3 seen high in eucalypt tree, single call *rrrp* repeated for over an hour at sunset (MS); watched hawking insects from top of pine tree at dusk (RWL). Motu R., 29-31/1 numerous (GAT). L. Te Anau, 1 on 23/1 being noisily pursued by small birds (probably Brown Creeper) along shoreline (FN). Boddytown, 1 on 23/1 called for over an hour moving around four widely separated trees (CSL). Stewart I, 1 on 29/1 flying and calling (FN).

MOREPORK *Ninox novaeseelandiae*

Opuawhanga, 8/9, when taped *cree* sound played, female puffed up and spread wings: *wok wok* call started, 7/10 at 1.50 p.m., 10/10 at 2.47 p.m., 14/10 at 11.30 a.m. and 2.35 p.m. (JFS). Browns Bay, Auckland, 1 heard on 30/8 in suburban garden (DFB). Hatepe, L. Taupo, 1 seen in daylight in May (JD). Northern Mamakus, Kaharoa Plateau, Mt Otanewainuku and Papamoa Hills, widespread and abundant in all forested areas, Nov-Mar 1981-82 (GAT).

LITTLE OWL *Athene noctua*

Blenheim, 1 on 3/12 chased by pair of Blackbirds through vineyard (DJB). Kaniere, West Coast, now present (F. Overmars, pers. comm. CFJO). Harihari, 3 in January (CFJO). Makikihi, South Canterbury, 2 on 15/5 (CFJO). Boddytown, 1 on 19/7 flying in mid-afternoon; 1 on 20/1 heard calling at 9.30 a.m. (CSL).

SPINE-TAILED SWIFT *Chaetura caudacuta caudacuta*

Leask Bay, Stewart Island, 2 on 16/4 (M. Mendill per RRS).

NEW ZEALAND KINGFISHER *Halcyon sancta vagans*

Opuawhanga, 5/12 young birds in nest in old ponga; 1 on 12/12 caught mouse but did not eat it; 6 on 15/4 on short length of power line (JFS). Maketu est., 37 on 15/6 (GAT). Mamaku Range, few still in heavy forest during May-Jun — widespread and abundant during the summer months (GAT). Kawhia H, north end, 40+ on 11/7 (JHS). Motu/Haparapara R., few present in heavy bush in Dec-Jan (GAT). Punakaiki, 20/2 first post-breeding bird seen on coast (NJW).

KOOKABURRA *Dacelo gigas*

Matakana, 2 on 1-16/8 (SPC). Warkworth, 1 on 12/4 "laughing" across river in centre of town (BB); 1 on 24/6/81 (SPC). Tahakeroa, April, reported occasionally seen and heard (DGM). Puhoi Valley, heard occasionally Jan-Mar (MJT). Wenderholm, 1 on 24/1 being buzzed by Kingfisher (MJT). Coalmine Bay, Whangaparaoa, 1 on 5/9 (SPC).

RIFLEMAN *Acanthisitta chloris*

Little Barrier, widespread Jun (GAT). Pureora, 3 on 16/5 — one flew feet first at my face in unprovoked attack (SG). L. Waikareiti Track, Waikaremoana, very common on 7/7, birds "attacked and whistled" and one alighted on my arm and back in an effort to oust me from area (SG). Mamaku/Kaharoa Forests, 1981/82, either very local or absent (GAT). Blythe Track, Ruapehu, 25 on 15/1 (BE). L. Sylvester, Cobb, 10 on 6/3 (BE). L. Kaniere, 3 in May in pod-

carps (CFJO). Fernleigh, 4 on 25/7 (BE). Canyon Creek, Upper Mathias R., 1 female seen in *Hoheria lyalli* on a terrace in a deep gorge, well away from forest or other scrub (GAT).

ROCK WREN *Xenicus gilviventris*

Arthurs Pass NP, Goat Pass, 2 on 20/3 (GAT); Mt Oates, 2 on 20/3 at 5800ft. a.s.l. Female was seen to catch an alpine grasshopper (2.5 cm long) which was held in bill, battered on ground and continuously pecked occasionally. This occupied the bird for 5 minutes but it was not seen to eat all or part (GAT). Frew Saddle, 2 seen on a talus slope above Saddle on 11/4. 1 bird was continuously flicking out one wing only. Calls could be heard distinctly but faintly at 25 m (GAT). Canyon Creek, Upper Mathias R., 3 in a group, 3200ft a.s.l. on 12/4 (GAT).

SKYLARK *Alauda arvensis*

FoT, 18/4, some tentative singing after brief summer recess (RBS). Te Matai-Mangorewa area, north of Rotorua, present on grazed ridges among pines 2-6 m tall 1981/82 (GAT). Mangere I, low numbers Sep-Nov (DC).

AUSTRALIAN TREE MARTIN *Hylochelidon nigricans*

Berwick, Outram, Otago, 1 on 3/12 with Welcome Swallows and again on 14/11; on 21/2, 2 were seen (ALN).

WELCOME SWALLOW *Hirundo tahitica neoxena*

Little Barrier, 30/3 to 12/4, 2 hawking above summit; 34 clung to Ranger's clothesline during cyclone Bernie and later took to the ground below, as conditions worsened (BB). Horuhoru, on 26/11, frequenting two caves below the gannets and probably nesting (RBS). Pirongia south SF, 79 on 5/3 on telephone line (RG). Mt Maunganui, on 23/10, 12 birds getting mud from cattle trough and flying to a cliff near top of mountain (KICF). Whakatane/Taneatua R. junction, albino on 4/5 (JRL). Sulphur Bay, L. Rotorua, flock of 250 present May/June (GAT). East Coast/Awatoto, 400 on 18/7 (NBM). Bell Block SP, 40 on 1/8; Waitotara R. mouth, 30 on 14/2 (DGM, REL). Parapara, 34 on 9/4 (BE). Nelson North West area, during Nov seen at every hut site on Whangapeka, Heaphy, and Abel Tasman Park Tracks (MPK). Wairau R., west of SH1, 150+ on 28/2, incl. c.60 resting on stones, feeding over water during windy rainy late afternoon (DJB). L. Ryan, Mar-June, usually 3-5 present but 9 on 14/4 (NJW). Cobden Lagoon, 5 on 11/7 (CSL). Hokitika SP, 100 on 19/7/80 (NJW). Kyeburn R., 3 on 15/10, first record for Central Otago — no evidence of nesting (PC). Te Anau, regularly seen in winter until 4/9, max. 30+ on 21/7; 6 reappeared on 9/5 (KM, JVM).

NEW ZEALAND PIPIT *Anthus novaeseelandiae*

Kaitoke Beach. Great Barrier, 2 on 11/4 (KB). Waiheke I, 13 counted 20-21/1 (MJT); Awaawaroa, 6 on 20/2 on the road plus 2 further on (BB). Bethell's Beach, 2 on 25/7 (MJT). East Cape Road, 4 on 29-30/1 (MJT). Otamarakau, 2 on 7/6 (PCML). Northern Mamakus, widespread but not common; favours logging roads and clearings (GAT). L. Rotomahana, 14 on 14/6 feeding at landing (GAT). Hastings, 1 on 8/5 eating grass grubs tossed out on to lawn from vegetable plot (KVT). Stoney R. mouth, Okato, 1 on 10/10

(DGM). Foxton Beach, 2 on 11/9 (JLM, MM). Wairua/North Bank, 2 on 9/1 (PJ). Cobb, 10 on 6/3 (BE). Kaikoura Pen., 2 on 11/5 (BE). Wharariki, 6 on 12/4 (BE). Punakaiki R., 17/1, nest with 4 nearly fully feathered young; adult fed them with green grass cicada (NJW). Key Dome, Western Dart, on 11/4 at alt. 5700ft, good numbers along ridge (PC). Tiwai Pen., Southland, 7/3, common (WJC). Mangere I, 21/11, nest with 3 adults tending 2 chicks (DVM).

DUNNOCK *Prunella modularis*

Mt Maunganui, Dargaville, singing on 1/8 (RBS). Little Barrier, present on homestead flats and 1 on beach near Pohutukawa Flats 29/6 (GAT). Auckland, now seldom heard or seen around, except on cool west coast (RBS). Mangatangi Dam, Hunua, calling on 4/4 (RBS). Waiotapu Forest, 21/6, heard in pruned *P. radiata* (RWJ). Waikoau, 3 on 9/5 (KVT). Taranaki, widespread (RBS). Tawa, 1 on 30/8 (BMS, DMS). The Ned, Marlborough, 2/11, nest in bracken with 4 eggs (DJB). Mathais R. Canterbury, 12/4, common in riverflat scrub and podocarp/hardwood remnants (GAT). Mangere I, estimate 30 pairs; other than Chatham Island Warbler, most common forest passerine (MDD).

FERNBIRD *Bowdleria punctata*

Bethell's Road Swamp, an important stronghold (RBS). Kopuku, 1 heard on 11/10 (BB, AH). Whangamarino Swamp (causeway bridge), 2/9, high numbers (IS). Matakana I, few birds around lagoon (BC). Northern Mamaku forests, widespread but local, in scrub or old skid clearings in logged area (GAT). Whakarewarewa SF, widespread but local in swamps and scrub amongst young pine plantings (GAT). Kaingaroa SF, 2 on 29/10 (WMH). Te Wera SF, heard on 20/8 (DG). Ngamotu, Wairoa, 2 on 10/12 in blackberry and bracken fern (GF). Taihape, 1 on 28/1 on marsh bordered with pines (KVT). Farewell Spit, 1 on 12/11 in rush swamp near Lagoon Creek (BDB *et al.*). Cape Farewell, 2 on 12/4 (BE). Puponga Inlet, Golden Bay, calling 11/11 (CM). Rainbow Gorge, 1 on 20/2 (PJ). Port Elizabeth, 1 on 16/1 (CSL). Grove Swamp, Hokitika, moderate number 12/5 (CFJO). Rotokino Swamp, South Westland, 74 on 19/1 (CFJO). Te Anau, Lookout Mire, 17 on 13/2 and at Dome Mire, 8 on 14/2 (KM). Waituna Wetlands Reserve, on 7/3, 2 seen and 2 heard western end (WJC). Upper Freshwater Flats, Stewart I. 1 on 25/8 (GAT).

BROWN CREEPER *Finschia novaeseelandiae*

Torrent Bay, 4 on 13/3 (BE). Bay of Many Coves, Queen Charlotte Sound, widespread in dense kanuka-manuka canopy up to 300 m a.s.l. Jan (SCS). Kawhaka SF, first song heard 31/7/81: 1 on 31/8 in song (NJW). L. Rotoroa, 11 on 13/11, 10 on 17/5 (BE). Hukarere, 7 on 14/3 (CSL). Coal Creek Falls, Runanga, 3 on 27/5 (CSL). King Domain, Greymouth, 4 on 11/7 (CSL). Fernleigh, 10 on 7/11 (BE). Balloon Hut/Mt Arthur Tableland, small flock on 26/12 (PJ). Branch Creek/Taylor Pass, 30 on 18/4 (PJ). Greyneys Shelter, Arthurs Pass NP. flock in mountain beech forest on 20/3 (GAT). Milford Sound jetty, 5 on 13/3 (PJ).

WHITEHEAD *Mohoua albicilla*

Mt Raungatautari (near Cambridge), 5 on 9/1/82 (JHS, BHS). Ngapaenga, near Te Kuiti, 2 on 10/12 (RG). Tararua Ranges, track over Judd Ridge up to Field Hut, groups of 6 and 4 on 25/1 all calling profusely (LJD). Pureora, singing strongly 19/1 (BB). Rangitoto Range, 8 on 20/3, incl. 3 juv (BHS). Otago, 2 flocks of c.10 on 24/4 (PCML). Rotorua district, widespread and plentiful in all forest, scrub and exotics habitats (GAT). Motu and Haparapara R., common in forest Dec-Jan 1981-82 (GAT). Waihaha Forest Hut area, Tihoi SF, 3 on 18/10 (LJD). Kaimanawa SF, 6 on 15/1 off Desert Road (LJD). Ruahine Ranges, Iron Gate Hut area, Oroua River catchment, 9 on 4/4 in red beech (LJD).

YELLOWHEAD *M. ochrocephala*

Catlins SF, 21/1, 10-12 seen/heard along Catlins R. in silver beech forest (PC).

FANTAIL *Rhipidura fuliginosa*

Ngapaenga, Te Kuiti, 1 on 10/12 all black (RG). Mt Pirongia, 1 on 6/3, all black, with 3 normal birds (PM per BHS). Huiroa, 1 black in Sep (JM). Martin's Bay, 3-4/8, pied and black forms common (WJC). Mangere I, 0 Sep-Jan (MDD). South East I, low numbers (MDD).

PIED TIT *Petroica macrocephala toitoi*

Puketi, 27/3, many heard and seen, mainly giving *psst* call; most territories along track seemed taken up (JFS). Russell SF, 5 males on 9/2 (Pukemoremore Track) (JFS). Opuawhanga, 4 males seen, 2 others heard on 25/9 (JFS). Mt Raungatautari (near Cambridge), 9/1, numerous on upper two-thirds of track to summit (JHS, BHS). Matakana I, 1 male on 7/12 on territory in pine forest (FH). Motu Basin, numerous 29-31/1 (GAT). Blowhard Bush, HB, 2 on 28/1 (KVT).

YELLOW-BREASTED TIT *P. m. macrocephala*

Mt Fyffe, 2 pairs and 3 males on 18/9 (BE). Punakaiki, 20/7 singing (NJW). Kumara reservoir, 3 on 30/8, juvenile being fed by male (CSL). Totara SF, first song heard 24/7/80 (NJW). Te Anau, singles seen in manuka scrub 6/1-6/3 (KM, JVM). Dusky Scund, numerous in March (PJ).

CHATHAM ISLAND TIT *P. m. chathamensis*

Mangere I, 1 male on 27/1 (WFC). South East I, abundant Sep-Jan (WFC).

NORTH ISLAND ROBIN *Miro australis longipes*

Little Barrier, 1 on 6/4 singing near summit (BB). Northern Mamakus, Mangorewa, Te Matai, Otago SFs, widespread and abundant, scarce in Kaharoa SF, 1981-82 (GAT). Atiamuri Lookout, 1 on 20/3 in scrub and pine (SG). Waihaha SF, 1 on 10/4 (RD). Tihoi SF, 3 heard and 1 seen on 18/10 (LJD). Inland Wanganui, 21/11, 20 heard on 2-hour walk beside Pokeka Stream in Waitotara SF; good population (LJD).

SOUTH ISLAND ROBIN *M. a. australis*

L. Rotoroa, Kaikoura, 1 on 12/10; 1 on 8/2 (BE). Lake Rotoriti, Nelson Lakes, 2 on 25/11 (CM). Lake Gunn, 1 on 13/3 hopped into car between passenger's feet (PJ). Lewis Pass, 2 on 19/4 at 4000ft (CFJO).

STEWART ISLAND ROBIN *P. a. rakiura*

Stewart I, more widespread in manuka on freshwater flats in Aug 1981 than in 1977-1979 (CFJO).

SONG THRUSH *Turdus philomelos*

Opuawhanga, from May onwards until Oct, bird imitating first part of Shining Cuckoo call; 5/6 imitating Morepork and Rosella (JFS). Remuera, 12/4, snippets of song, short but explosive (RBS). Auckland, first song 8/5 (MJT). Hamilton, first song 23/3 mid-morning (MS). Cambridge, first song 11/5 in suburban garden (BHS). Tokoroa, first song 15/5 in garden (SG). Hastings, song began at 3.15 a.m. on 22/5 (KVT). Haparapara Stream, East Coast, 28/12, present in scrub (GAT).

BLACKBIRD *T. merula*

Auckland, first song 23/6 (MJT). Orakei, male seen several times offering leaves to another male, Jul (MJT). Clevedon, male on 12/10 attacking reflection in early morning accompanied by fledgling calling plaintively but ignored (AJG). Kaimai-Mamaku SF, in dense virgin rimu-tawa forest in Jun (GAT). Punakaiki, 21/8, singing (NJW).

SILVEREYE *Zosterops lateralis*

Manurewa (Hill Road), 12 bathing together in bird bath on two consecutive days in Jun (JD).

STITCHBIRD *Notiomystis cincta*

Little Barrier, 154 seen or heard between 2 and 4/9 (CM); 3/3, one tape recorded singing a complex whisper song (BB).

BELLBIRD *Anthornis melanura*

Maraetai, 1 reported singing in a garden 1981 (BB). Kawakawa Bay, 23/10, one flew from an *Erythrina* across road in front of car (BB). FoT, Waharau Reserve, 18/4, 3 together and 2 separately (BB). Matawai, 1 on 19/9 in cutover bush (BJ, SJ). Blowhard Bush, HB, 1 on 28/1 perched on pine (KVT). Waikoau, 1 on 7/5 (KVT). Bushy Park, Kai-iwi, several near homestead on 4/4 (DGM). Christchurch City, present within town belt winter 1982 (CFJO).

TUI *Prothemadera novaeseelandiae*

Clevedon, 2 fledglings on 15/3 still being fed; very faint thin calls (AJG). Piha, 1 perching on power line, Nov (MJT). Manurewa (Hill Road), 1 on 15/5 had 29 dips in garden bird bath taking 4 minutes (JD). 1 seen 6-20/12 persistently chasing sparrows and starlings through garden (JD). Kawakawa Bay, 60 on 11/10 in grove of kowhais (JD). Punakaiki, 1 on 11/10 feeding on *Myrsine salicina* berries (NJW). Pelorus River, several in matai on 1/5 in full song (DJB).

CHATHAM ISLAND TUI *P. n. chathamensis*

Mangere I, several visiting bush for flax nectar, Oct-early Nov (DVM). South East I, conspicuous Nov-Dec; seen collecting insects for chicks (DC).

CIRL BUNTING *Emberiza cirlus*

Tuahine Point, Gisborne, 6 on 1/8; 2 males singing on territories 7/1 (BRK). Nelson Haven, 6 in May and Jun, in *Salicornia* (JMH). Kahutara, 1 male trilling on 14/9; pair at same spot on 12/10 (BE). Kaikoura, 6 sightings during May (BE).

CHAFFINCH *Fringilla coelebs*

East Cape, Haparapara and Motu R., present during Dec/Jan (GAT). L. Rotomahana (Ashpit Road), 500+ in June in large flocks among lupins at edge of road (GAT).

GREENFINCH *Carduelis chloris*

Remuera, first spring "jeering" on 28/8 (RBS).

GOLDFINCH *C. carduelis*

Northern Mamaku, Te Matai Forests, small flocks present in June in clearings and cutover forests (GAT). Blenheim, 2 on 30/11 perched and noisy on power line 1 m away from unconcerned Kingfisher (DJB).

REDPOLL *C. flammea*

Matakana I, 1 pair on 21/11 at edge of lake (FN). Blowhard Bush, HB, 6 on 28/1 (KVT). Te Anau, large flocks taking larch seeds on 30/8 (KM, JVM). Rangiriri, Chatham I, 2 on 28/11 (KJT).

STARLING *Sturnus vulgaris*

Remuera, throughout winter, often including in repertoire sound of distant Pied Stilts (RBS). Hatepe, L. Taupo, flock 3000+ on way to roost on Motutaiko I in May (JD).

INDIAN MYNA *Acridotheres tristis*

Opuawhanga, 30/4, heard imitating dog and duck (JFS). Auckland, red or orange-headed birds are now reported in the flax-flowering season (RBS). Little Barrier, 3 in Jun around bunkhouse (GAT). Wanganui, 5 along river and 2 in city centre on 31/12, but none on SH3 further south (JLM, MM).

NORTH ISLAND KOKAKO *Callaeas cinerea wilsoni*

Kohukohunui Track, Hunua Ranges, 24/10, while I was playing taped calls with DFB and SPC, a stoat ran briskly almost to our feet before being frightened by a sudden movement (AJG). South-east of Hauturu (Kawhia Harbour), 8 on 29 and 30/6 between The Dome and Rock Peak (PA). Pureora, 3 on 7/2 seen and heard at midday in blazing heat; none seen or heard 16/5 (SG). Horohoro SF, 2 on 9/5 calling (JI). Oropi, near Te Puke, 3 on 10/11 (RMW). Mangorewa SF, 1 on 14/2 seen in rimu, tawa, beech forest near the southern boundary (GAT). Kaharoa SF, over 10 birds seen/heard Dec/Jan (GAT).

BLACK-BACKED MAGPIE *Gymnorhina tibicen tibicen*

Mangere SP, increasing population on surrounding farmland

(RBS). Pahiatua, 1 on 18/1 (BE). Gisborne, Kaiti Beach, 1 on 7/9 (BRK); Kaiti, 1 on 24/5 in suburb (BRK). Hararapara Stream, East Coast, present in lower reaches, 28/12 (GAT). Hapuku, 2 on 17/7 (BE). St Anne's Lagoon, 1 on 23/10 (BE).

WHITE-BACKED MAGPIE *G. t. hypoleuca*

L. Otamangakau (Access Road), 24 on 1/11 (DJB). Kokatahi/Kowhitirangi, 7 on 25/8/80 (NJW). Dunton Creek, Te Anau/Milford Sound, 1 on 4/8 (WJC).

ROOK *Corvus frugilegus*

Okiwi Airstrip, Great Barrier, 1 juvenile (no white on face) on 25/5 (CCO). Miranda, 18 on 28/8 inland (CM). FoT winter census, 119, an increase of 59 from last winter; a farmer reports having known this species on his Walton farm "some years ago" (BB). Waihau Beach, East Coast, 2 on 12/11 (BRK). Kaiti Hill, Gisborne, 29 on 3/8 over rookery in eucalypts (BRK). Takapau, 22 on 19/5 (KVT). Pahiatua, 3 on 18/1 (BE). Kaikoura, 8 on 24/7, 10 on 16/10; 1 carrying nesting material 5/11 (BE).

CORVUS sp.

Marahemo, 1 big and black, not obviously a Rook, foraging among sheep on 1/8 (RBS).



SHORT NOTE

RED-BILLED GULL USES CURRENT TO FORAGE FOR FOOD

On 14 May 1982, I watched a Red-billed Gull (*Larus novae-hollandiae*) at Miranda, Firth of Thames, feeding in an interesting way. A small stream runs out on to the mudflats, and as the tide was about 1½ hours out much of this stream was exposed. The gull was drifting down this stream, always facing in the direction it was being taken. It would submerge its head and drift for five or six metres, raise its head to look around, then dip it again. It kept up this procedure for about 150 metres. Then it took to the air, flew back upstream, landed on the mud, walked into the stream, and continued its seaward drift again.

Once it caught a small fish, at which the bird stopped until it had positioned the fish correctly for swallowing. Then it went back to its activity, which it was still doing when last seen 20 minutes later.

LEN BUCHANAN, C/- Mangatarata School, R.D. 1, Waitakaruru