

CLASSIFIED SUMMARISED NOTES

I. G. Andrew, Wellington
 Dr. J. S. Armstrong, Taupo
 B. D. Bell, Blenheim
 M. S. Black, Rotorua
 A. Blackburn, Gisborne
 R. H. Blanshard, Little Barrier
 Mrs. M. J. Blundell, Clevedon
 D. F. Booth, Auckland
 C. D. Blomfield, Rotorua
 D. H. Brathwaite, Christchurch
 W. J. Broun, Rotorua
 C. N. Challies, Lower Hutt
 J. E. Coulthard, Manukau Heads
 E. W. Crack, Ashburton
 D. E. Crockett, Wanganui
 Mrs. O. Cullen, Whangarei
 D. Dawson, Christchurch
 M. Day, Christchurch
 E. Dear, Kopane
 P. Densem, Bay of Plenty
 M. G. Dill, Kaipara Flats
 A. T. Edgar, Titirangi
 M. E. Fitzgerald, Bay of Plenty
 Miss A. J. Goodwin, Clevedon
 P. Grant, Greymouth
 T. Hartley-Smith, Westland
 J. S. Heighway, Poukawa
 M. Hodgkins, Tauranga
 M. J. Hogg, Auckland
 F. P. Hudson, Kaipara Flats
 M. J. Imber, Hawera
 D. B. Jenner, Morrinsville
 J. L. Kendrick, Cambridge
 C. W. Kokich, Whangarei
 N. J. Ledgard, Titirangi

D. N. Lilburne, Papakura
 C. J. Lindsay, Wellington
 R. W. MacDonald, Wanganui
 Mrs. H. M. McKenzie, Clevedon
 H. R. McKenzie, Clevedon
 Mrs. R. V. McLintock, Tauranga
 J. Martin
 D. V. Merton, Gisborne
 P. M. Morrison, Wellington
 R. Mueller, Hamilton
 A. B. Munden, Westland
 W. L. Moisley, Clevedon
 A. Nuttall, Oamaru
 Mrs. G. M. Oram, Clevedon
 Mrs. J. H. Pennycock, Makarora
 W. T. Popplewell, Dunedin
 N. Potts, Opotiki
 Mrs. A. Prickett, Birkenhead
 J. Prickett, Birkenhead
 I. S. Robinson, Rotorua
 M. Ross, Kaikohe
 J. W. St. Paul, Clevedon
 R. St. Paul, Minginui
 Mrs. M. A. Scott, Tauranga
 R. B. Sibson, Auckland
 P. D. G. Skegg, Auckland
 W. S. Sutherland, Kawhia
 C. Tattershall, Rotorua
 A. Todd, Miranda
 B. J. Tucker, Wanganui
 D. A. Urquhart, Karaka
 J. G. Walker, Dunedin
 Mrs. L. E. Walker, Dunedin
 R. R. Wiblin, Pukerua Bay
 A. Wright, Brothers

N.I. KIWI (*Apteryx australis mantelli*) — Moerangi, east of Taumarunui, one heard, June '61 (F.P.H.).

YELLOW-EYED PENGUIN (*Megadyptes antipodes*) — Wakanui Beach, Ashburton estuary, 1 on 17/3/61, with injured foot; tended by S.P.C.A. and a few days later swam away (E.W.C.). Cape Wanbrow, Oamaru, a few pairs attempt to nest (A.N.). Otago Peninsula, Forbury Head, 11 on 1/8/60; 8 on 18/10/60; 9 on 25/4/61; 12 on 28/5/61; Sandfly Bay, 4 on 1/9/60; Wickliffe Bay, 2 on 14/5/61.

ROYAL PENGUIN (*Eudyptes chrysolophus schlegeli*) — Karitane, 24/2/57, one juv. in moult (L.E. & J.G.W.).

N.Z. CRESTED PENGUIN (*Eudyptes p. pachyrhynchus*) — Greymouth, 1 alive on beach, 6/10/60 (P.G.).

ERECT-CRESTED PENGUIN (*Eudyptes p. sclateri*) — Wakanui beach 1 adult, injured, on 21/3/60; died subsequently (E.W.C.).

SOUTHERN CRESTED GREBE (*Podiceps cristatus australis*) — Ashburton county — 2 on L. Heron, 1 on L. Camp, 3 on L. Clearwater on 28/5/60 (E.W.C.). Westland. L. Ianthe, 18/1/61, at least four pairs, probably five. L. Wahapo, 1 pr. (R.B.S.).

DABCHICK (*Podiceps rufopectus*) — 1 on pond on Northland College farm, Kaikohe, winter '61 (M.R.). Taporā, 3 on small weedy pool, 19/2/61; Kawerau, B. o. P., 3 prs. on small lake on 22/10/60; Hora Hora bridge, L. Karapiro, 1 on 4/7/61; L. Rotongaio, Taupo, 9, very shy, on 12/7/61; Hatepe R., 9 on Taupo hydro dam on 13/7/61 (H.R.McK., H.M.McK.). Volcanic plateau, widespread, visiting most ponds and lakelets; winter flocks up to 40; 29 on L. Rotorua on 10/6/60 (M.S.B. et al.). Tokaanu, c. 10 near jetty, 3/1/61 (R.B.S.). Masterton Gardens, 1 among ducks, May '60 (A.T.E.).

WANDERING ALBATROSS (*Diomedea exulans*) — 5+ on 31/1/61 between Tory Channel and Wellington (M.J.I., R.B.S.). 2 between Mana and Kapiti on 3/7/61 (E.D.). Greymouth, 1 seen offshore during storm 3/2/61 (P.G.).

ROYAL ALBATROSS (*Diomedea epomophora*) — 1 between Mana and Kapiti on 3/7/61 (E.D.).

BLACK-BROWED MOLLYMAWK (*Diomedea melanophris*) — 1 between Mana and Kapiti on 3/7/61 (E.D.).

BULLER'S MOLLYMAWK (*Diomedea bulleri*) — 1 between Mana and Kapiti on 3/7/61 (E.D.). Numerous in summer in Foveaux St.; not uncommon in winter off Otago Peninsula and out from Oamaru (W.T.P., J.G.).

WHITE-CAPPED MOLLYMAWK (*Diomedea cauta*) — Cook St., 4 on 31/1/61; also 1 diagnosed as *salvini* (M.J.I., R.B.S.); 2 between Mana and Kapiti on 3/7/61 (E.D.). Sometimes in numbers around fishing boats, Paterson Inlet and Foxeaux St.; but *salvini* is the most common mollymawk there. Both forms may be seen fairly commonly off Otago Peninsula (W.T.P., L.E.W.).

GIANT PETREL (*Macronectes giganteus*) — Several in Cook St., 31/1/61 (M.J.I., R.B.S.). 4 in Foveaux St. on 4/1/61; 5 at Taieri Beach on 19/2/61 (W.T.P.).

BROAD-BILLED PRION (*Pachyptila vittata*) — Many seen alive in Manawatu 29 & 30/6/61, blown inland by strong south-west winds which wrecked thousands of this species alone in this area. Single birds seen drifting over Massey College, 23 miles inland, on 29 & 30/6/61 (M.J.I.).

CAPE PIGEON (*Daption capensis*) — 4 between Mana and Kapiti on 3/7/61 (E.D.). Lawyer's Head, 22 on 20/9/60; 85 on 5/11/60; 84 on 4/12/60; 7 on 11/4/61; 30 on 25/5/61 (W.T.P., L.E.W.). Half-moon Bay, Stewart I., 6 on 18/1/61; Foveaux St., 6 on 23/1/61 (W.T.P.).

FLESH-FOOTED SHEARWATER (*Puffinus carneipes*) — Auckland-Kawau and back, none 3-5/10/60 (A.J.G.). A few still 5-7/5/61 (R.B.S.). N. of Little Barrier, 250+ on 2/1/61 with other petrels (A.J.G.). Cook St., only one seen on 31/1/61 (M.J.I., R.B.S.).

BULLER'S SHEARWATER (*Puffinus bulleri*) — Ngunguru, 26/1/61, c. 600 passed southwards, evenly spaced, during forty minutes soon after sunrise. N. of Little Barrier, 2/1/61, 450+ (A.J.G.). Several near Tiri and Kawau on 7/5/61 (R.B.S.). Wellington-Picton, 6 on 18/1/61 (H.R.McK.).

SOOTY SHEARWATER (*Puffinus griseus*) — Cook St., 4+ on 31/1/61 (M.J.I., R.B.S.). Off Otago Peninsula, first seen, 12 on 1/10/60; thousands on 29/10/60; passing at 32 per min. (av. of 8 counts) on 31/1/61; 41 per min. (4 counts) on 23/3/61; 70 and 99 per min. on 11/4/61; 20 per min. all day on 22/4/61 (W.T.P.).

FLUTTERING SHEARWATER (*Puffinus gavia*) — New Plymouth, several offshore 19/9/60 (D.V.M.). Ohau estuary, c. 15 close inshore on 15/1/61; Waitarere, 12+ offshore on 30/4/61. Tory Channel, hundreds on 31/1/61, but few in Cook St. (M.J.I.). Tauranga Bay, Westport, 2 at dusk on 19/1/61 (R.B.S.).

WESTLAND BLACK PETREL (*Procellaria westlandica*) — Greymouth, 20/12/60, one walked into a house (P.G.).

GRAY-FACED PETREL (*Pterodroma macroptera*) — Cuvier I., hundreds of occupied burrows, July '61 (D.V.M.).

COOK'S PETREL (*Pterodroma cooki*) — Little Barrier, first heard coming in at 8.15 p.m. on 7/9/60; many coming in on 9/9/60 (R.H.B.).

WHITE-FACED STORM PETREL (*Pelagodroma marina*) — Maria I., Noises, 26/11/60, many burrows with fresh eggs (D.V.M.).

DIVING PETREL (*Pelecanoides urinatrix*) — c. 200 off Red Head, B.o.I., on 26/1/61 (A.J.G.). Tory Channel, 1 on 18/1/61 (H.R.McK.). Foveaux St., 2 on 23/1/61 (W.T.P.).

GANNET (*Sula bassana serrat*) — Clevedon, 6/12/60, one flew up Wairoa river to the very last of the brackish water. North Taranaki, 140+ off Mokau on 28/2/61 (H.R.McK.). Picton-Wellington, 6 on 31/1/61 (M.J.I., R.B.S.). Waitarere, c. 20 offshore on 30/4/61 (M.J.I.). Birdlings Flat, 2 offshore on 20/5/61; Ashburton river-mouth, 1 on 22/5/60 (E.W.C.). Otago Peninsula, usually odd ones; 2 adults and 2 juv. at Brighton on 19/4/61 (W.T.P.). Greymouth, several sightings between 2/3/61 and 14/5/61 (P.G.).

PIED SHAG (*Phalacrocorax varius*) — Little Barrier, 26 nests, August '60; small young 12/9/60 (R.H.B.). Tangitiki, Pouto Pen., 12 nests and 20+ birds in a single tree on 13/10/60 (M.R.). L. Pupuoke, colony continues to flourish (R.B.S.). A few about Dunedin (W.T.P.). 9 on beach at Goose Bay on 15/1/61 (J.G., L.E.W.). Stewart Island, 7 and 15 at nests on Ulva on 17/1/61 (W.T.P.).

LITTLE BLACK SHAG (*Phalacrocorax sulcirostris*) — Volcanic Plateau, visits all lakes, normally in small flocks (M.S.B.). Picnic Point, Rotorua, 60+ on 13/5/61 (H.R.McK.).

LITTLE SHAG (*Phalacrocorax melanoleucos*) — Koi Rock, Waiheke, 11 nests on 22/10/60 (P.D.G.S.). L. Karapiro, 9, all white-throated, at Hora Hora bridge; Taupo waterfront, 5/7/61, 15 (1 pied); West-shore, 7/7/61, 50+ (1 pied); L. Rotongaio, 45+ (4 pied) (H.R.McK. et al.). Wanganui estuary, up to 40 (D.E.C.). Dunedin,

always a few; L. Waipori, 9 on 8/2/61; pied phase well represented (W.T.P.).

STEWART ISLAND SHAG (*Phalacrocorax carunculatus chalconotus*) — Aramoana, hundreds in sight and many carrying nesting material on 1/10/60. Stewart I., c. 50 pied phase to 32 bronze, Jan, '61 (W.T.P.).

SPOTTED SHAG (*Stictocarbo punctatus*) — Ward Island; Wellington Harbour, 3 on 24/6/61 (C.J.L.). Puketerahi, c. 50 nests on 24/10/60 (W.T.P.). Gillespie Pt., Westland, 1 on 15/1/61 (R.B.S.).

WHITE HERON (*Egretta alba*) — Hoteo estuary, Kaipara, 2 on 20/9/61 (F.P.H., M.G.D.). Whau estuary, up to four during winter, still present on 12/11/61 (K.C.B.C. et al). Clevedon, one for one day only on flood water 25/8/61 (H.R.McK.). Welcome Bay, Tauranga, 1 on 2/8/60 (R.V.McL.), 2 reported in September (P.D.G.S.). Cape Runaway, 3 during July '61 (I.S.R.). Port Waikato, 1 on 18/7/61 (A. & J.P., H.R.McK.). Little Waihi, Maketu, 5 on 11/6/61 (M.A.S.). Wairau Lagoons, Blenheim, c. 5 on 24/6/61 (B.D.B.). L. Ellesmere, Selwyn rivermouth, 1 on 8/1/61 (E.W.C.). 15/5/61, one at Waitati Creek and one at Merton, Otago (L.E.W.). June '61, two spent some days on the Leith at Woodhaugh, Dunedin; one killed by flying into power lines (T.R.B.). Green I. lagoon, 1 on 25/4/61; Evansdale, 1 on 22/6/61 (W.T.P.). Greymouth, 1 near Cobden Bridge on 3/8/61; 2 at rivermouth on 5/8/61 (E.W.C.). Whataroa, 1 on 11/7/61 (E.W.C.). 1 on L. Mapourika on 18/1/61 (R.B.S.).

LITTLE EGRET (*Egretta garzetta*) — Port Albert, Kaipara, 1 on 16/4/61 (R.B.S., H.R.McK., D.A.U.). Hamurana, L. Rotorua, 13/5/61, 1 harried by a White-faced Heron (M.L.T., J.L.K., H.R.McK.). 1 at Waikouaiti lagoon or Karitane, repeatedly seen between 16/4/61 and 25/5/61 (J.G. & L.E.W., A.B., W.T.P.). Karamea, 1 on 30/5/61 (T.H.S.). Greymouth, 1, 5/6/60-17/11/60 (P.G.).

BLUE REEF HERON (*Egretta sacra*) — Koi Rock, Waiheke, 22/10/60, 2 nests, 1 with 3 eggs (P.D.G.S.). 27/11/60, 4 nests with eggs (D.V.M.). Waikato estuary, 3 on 18/7/61 (A. & J.P., H.R.McK.). Ohiwa, 23/10/60, 3 nests on islet with 1, 0 & 3 eggs (R.V.McL.). Tongaporutu, 1 on 28/2/61; Patea, 1 on 25/2/61 (H.R.McK., H.M.McK.). Monck's Bay, Sumner, 1 on 14/5/60 (E.W.C.). Dowlings Bay, Otago Harbour, 1 on 2/4/61 (L.E.W.).

WHITE-FACED HERON (*Ardea novaehollandiae*) — 5 seen daily in early Feb. '61 at Paua, Parengarenga (D.V.M.). Titoki, Northland, 2/4/61, first report for the area (H.R.McK., J.R.McK.). Kaipara Flats, 11/12/60, 2 young found walking about in a pine tree, when another tree was felled into it. A third youngster had fallen from the nest into a swamp and had been reared there (M.G.D.). Wattle Bay, Waikato Heads, 1959, 2 young in big trees (J.E.C.). Port Waikato, 5, May '61 (P.D.G.S.). Tauranga Harbour, now regularly seen; 30 reported (M.H., M.E.F.). L. Waikare, Waikato, 11/5/61, one in north-east corner (H.R.McK.). L. Rotorua, 1 in May '61, the first record for this lake (H.R.McK. et al). Little Waihi lagoon, 6+ on 28/5/61 (M.S.B. et al). Taupo, L. Rotongaio, 2 on 11/7/61, 5 reported (H.R.McK.). Wanstead Swamp, Waipukurau, 15 on 3/4/61

- (J.S.H.). Wanganui estuary, 4 in swampy area (D.E.C., B.J.T., R.W.M.). Waikanae, 6 on 15/1/61; L. Forsyth, c. 40 on 8/1/61; Coldstream, c. 15 on 3/2/60; South Hinds R. near Surrey Hills, 17 on 8/2/60; Greenstreet, near Ashburton, 9 on 15/6/60 (E.W.C.). Karitane, 20+ on 16/4/61 (L.E.W.). L. Waipori, 11 on 8/2/61; Purakanui, 8 on 2/5/61; Waitati lagoons, 18 on 22/6/61 (W.T.P.).
- BITTERN** (*Botaurus poiciloptilus*) — Widely reported: Tapora, mid Kaipara; Woodcocks; Otumoetai; Volcanic Plateau, where it wanders locally; Kawerau (5 together); L. Rotongaio, Taupo (5); Tokaanu; Waitotara; Waikanae; Surrey Hills; L. Clearwater; Tomahawk Lagoon; Green Island Lagoon.
- AUSTRALIAN WHITE IBIS** (*Threskiornis strictipennis*) — Westport, 1 on 16/8/68 & 17/10/60 (T.H.S.).
- ROYAL SPOONBILL** (*Platalea regia*) — Cape Runaway, 1 seen closely in July '61 (I.S.R.). Waiaua R., east of Opotiki, 2 watched feeding and resting on 7/10/61 (N.P.). Wanstead Swamp, 1 on 3/4/61 (J.S.H.). Karamea, 1 on 30/5/61 (T.H.S.).
- CANADA GOOSE** (*Branta canadensis*) — Reported from Barrytown and L. Brunner (P.G.). Head of Dart R., Otago, 10+ in flight, 13/5/61 (C.N.C.).
- MUTE SWAN** (*Cygnus olor*) — Well established on L. Pupuke (R.B.S.). Tomahawk Lagoon, 17 on 11/8/60 & 13/3/61 (W.T.P.).
- BLACK SWAN** (*Cygnus atratus*) — Plentiful on lakes and lagoons around Dunedin (W.T.P.).
- PARADISE DUCK** (*Tadorna variegata*) — Volcanic Plateau, marked decrease in recent years; Rotomahana and Rerewhakaitu are still a stronghold. Casual on L. Rotorua; 2 at Hamurana Aug. '60; 4 at Matata Lagoon 28/5/61 (W.J.B., M.S.B., et al). Aramoho, 1 pr. on 15/10/60 (D.E.C., B.J.T., R.W.M.). Rangiotu, Palmerston North, 1 pr. on 30/4/61 (M.J.I.). c. 30, Wanstead Swamp, on 3/4/61 (J.S.H.). Numerous in lagoon at Gillespies' Point, S. Westland (R.B.S.).
- GREY TEAL** (*Anas gibberifrons*) — 1 pr. on large new pond of North Shore Drainage Board, Albany, on 3/11/61 (R.B.S.). Volcanic Plateau, generally increasing; 30 at Mokoia on 18/10/60; c. 40 at Hamurana on 14/5/61; 25+ at Waimangu on 1/6/61; 10-15 usually frequent the lake edge at Rotorua (M.S.B., et al); 55 at Wanstead swamp on 3/4/61 (J.S.H.). Woodend Lagoon, 40 on 13/8/61 (D.B.). Ashburton rivermouth, 2 on 22/5/60 (E.W.C.). 3 at L. Elterwater, Marlborough, on 14/1/61; 6+ at Waikouaiti, Otago, on 16/4/61 (L.E.W., J.G.W.).
- BROWN TEAL** (*Anas chlorotis*) — Little Barrier I., 1 with 2 half-grown young in creek, 12/6/60; 1 in Tirikakawa stream on 27/11/60 (R.H.B.). Waipu, only a few could be found on Waihoihoi R. on 2/2/61 & 10/8/61 (B.D.B., D.V.M.). Deep Bay, Stewart I., 2 on 13/1/61 (W.T.P.).
- SHOVELLER** (*Anas rhynchotis*) — Port Waikato, 100+ on 18/7/61 (A. & J.P., H.R.McK.). Most favoured lakes on Volcanic Plateau are Rotorua, Rotomahana and Rerewhakaitu; c. 50 on 14/5/61 at Hamurana; c. 150 on 28/5/61 at Matata (W.J.B., M.S.B.). 7 pr. on

- Wanstead swamp on 3/4/61 (J.S.H.). Waitotara, c. 6 on 5/11/60; c. 60 on 5/2/61 (M.J.I.). Waikouaiti, 40+ on 25/5/61 (W.T.P.). Tomahawk Lagoon, c. 400 on 18/5/60 (E.W.C.).
- BLUE DUCK (*Hymenolaimus malacorhynchus*) — Patutu, upper Waikato, 1 in flight, 22-24/10/60; but the usual haunt in the gorge not visited (J.L.K.). Waihohe, near Desert Road, 20/4/61, several reported by deerstalkers (F.P.H.).
- N.Z. SCAUP (*Aythya novaeseelandiae*) — Volcanic Plateau, numbers well maintained; 400+ wintered in Sulphur Bay, L. Rotorua (M.S.B., W.J.B.). c. 20 on L. Kaniere on 12/1/61; 2 females with broods of 6 & 7 on L. Wahapo on 13/1/61; 3 on L. Paringa on 16/1/61 (R.B.S.).
- HARRIER (*Circus approximans*) — Clevedon, 17/9/61, early nest with two dead young, partly feathered; apparently drowned by high spring tide (G.M.O.). Aerial courtship display by a single bird at Runanga on 18/8/61 (E.W.C.). Lake Waipori, 19 on 8/2/61 (W.T.P.).
- BUSH HAWK (*Falco novaeseelandiae*) — Rotorua, 2 seen indulging in aerial acrobatics over race-course (C.T.). Mamaku, 9/10/60, 1 high over the forest (A.T.E.). 1 at Mt. Creighton, L. Whakatipu, chasing a Harrier and later a hare on 27/8/61 (R.M.). Makarora Station (J.H.P.).
- BROWN QUAIL (*Synoicus ypsilophorus*) — Volcanic Plateau, widely spread and not as scarce as generally supposed; 8 near Hamurana on 8/3/59 (W.J.B., M.S.B.). Seen at northern end of Desert Road, 4/1/61 (R.B.S.).
- BANDED RAIL (*Rallus philippensis*) — One seen just south of Tata-pouri on 28/8/61 (J.M.). Little Waihi and Maketu lagoons, often heard or seen (M.S.B.).
- WEKA (*Gallirallus australis*) — Inangahua Junction, 5/1/61, 1 on main highway (J.G. & L.E.W.). Ulva I., 4 widely separated on 17/1/61 (W.T.P.).
- MARSH CRAKE (*Porzana pusilla affinis*) — Widely reported around Rotorua (M.S.B.).
- SPOTLESS CRAKE (*Porzana tabuensis plumbea*) — Atiamuri, 24/5/61, 1 killed by cat (M.S.B.).
- PUKEKO (*Porphyrio melanotus*) — Thriving in most marshy places, especially in the north.
- COOT (*Fulica atra australis*) — L. Tutira, 19/10/60, 2 swimming quietly in a backwater, fringed by raupo and overhung by willows; they continually dabbed their beaks vertically into the water (A.T.E.). Tinwald Domain, Ashburton, 1 on 17/9/60 (E.W.C.).
- S.I. PIED OYSTERCATCHER (*Haematopus ostralegus finschi*) — Marsden Bay, Whangarei Hr., 70 on 15/2/61 (O.C.). Mid-Kaipara, 600+ on 19/2/61 (A. & J.P.). c. 1200 on 16/4/61 (R.B.S., H.R.McK., D.A.U.). Waikanae, 7 on 15/1/61; 6 on 3/4/61 (M.J.I.). Heathcote-Avon estuary, 1000+ on 10/1/61 (R.B.S.). Aramoana, 300 on 1/10/60; 200 on 4/2/61; 550 on 13/5/61; Hooper's Inlet, 342 on 1/9/60; Taieri rivermouth, c. 100 on 8/10/60; 203 on 19/2/61; Pura-kanui, 172 on 2/5/61; Waitati Lagoon, 510 on 22/6/61 (W.T.P.).

At Aramoana on 17/5/60, a partial albino, light fawn where normally black, tail completely white (E.W.C.). L. Lyndon, 1 pr. on 11/1/61; Okarito rivermouth, c. 90 on 18/1/61 (R.B.S.).

VARIABLE OYSTERCATCHER (*Haematopus unicolor reischeki*) — Ninety-mile Beach, 27 on 9/2/61, mostly in one flock on rocks at the Bluff; Spirits' Bay, 2 on 7/2/61; Te Pua, Parengarenga, 17 on 8/2/61; Kaimaumau, 12 on 12/2/61 (A.T.E.). Mimiwhangata, 1 pr. on 21/8/61 (B.D.B., D.V.M.). Mid-Kaipara, 1 on 16/4/61 (R.B.S.). Kawhia, 1, May '61 (W.S.S.). Reported in B.o.P. from Otumoetai, one with godwits; Maketu, 4; Little Waihi, 4; Ohawa, mating pair; Waiaua estuary, E. of Opotiki, 10 on 7/10/61 (M.H., R.V.McL., M.A.S., N.P.). Waitotara, 1 pr. (black) with chick on 3/12/60; Ohau, 1 on 15/1/61; Waikanae, 7 on 15/1/61; 17 on 3/4/61 (M.J.I.). Gillespies Pt., S. Westland, 1 pr. of typical smudgy pied *reischeki* with downy running chick on 17/1/61 (R.B.S.).

BLACK OYSTERCATCHER (*Haematopus v. unicolor*) — Palliser Spit, nest 2 eggs on 5/11/60 (C.N.C.). Katiki Beach, 5 on 19/5/60 (E.W.C.). A pr. in many bays of Otago Peninsula; 12 at Taieri on 19/2/61; Stewart I., nest with 2 eggs on Ocean Beach on 14/1/61; Ulva, 3 and a pr. with chick on 17/1/61; Iona I., nest with 2 eggs on 22/1/61 (W.T.P.). Okarito rivermouth, a few on 18/1/61; Gillespies' Beach, 2 prs., 1 with hidden young, 1 not breeding, 15/1/61 (R.B.S.).

SPUR-WINGED PLOVER (*Lobibyx novae-hollandiae*) — Makarora Station, up to 5 on areas of surface water (J.H.P.).

GRAY PLOVER (*Charadrius squatarola*) — Mid-Kaipara, 1 feeding among Pied Stilts on a sandy flat on 16/4/61; no sign of assuming nuptial plumage; the third recorded in N.Z. in 1961 (v. Notornis IX, 151 & 172) (R.B.S., D.A.U.).

PACIFIC GOLDEN PLOVER (*Charadrius dominicus fulvus*) — Houhora-Kaimaumau, 28 on 12/2/61 (A.T.E.). Waitotara, 4 on 5/11/60; 1 on 3/12/60; 5 on 5/2/61 (M.J.I.). L. Ellesmere, Greenpark Huts, 85 on 11/3/61; 1 on 25/3/61 (D.H.B., D.E.C.).

BANDED DOTTEREL (*Charadrius bicinctus*) — Spirits' Bay, 6 on 7/2/61; Kaimaumau, c. 70 on 12/2/61 (A.T.E.); mid-Kaipara, c. 80 some already in breeding dress, on 16/4/61 (R.B.S., D.A.U., H.R.McK.). Volcanic Plateau, breeds Silica Flat and has bred on Rotorua airfield (M.S.B.). Tamaki estuary, up to 26 during July '61 (P.D.G.S.). Wanganui airport, c. 90 on 23/7/61; 12 on 29/8/61 (D.E.C., B.J.T., R.W.M.). Waitotara, 8 on 5/11/60; c. 25 on 3/12/60; c. 60 on 5/2/61; Ohau, c. 30 on 15/1/61; Waikanae, c. 30 on 15/1/61 and 3/4/61; Head of Ngaruroro R., common during November & December (C.N.C.). L. Ellesmere, Greenpark Huts, c. 1000 on 11/3/61 and 25/3/61 (D.H.B., D.E.C.). Aramoana, c. 80 on 13/5/61; Waitati Lagoon, 13 on 22/6/61 (W.T.P.). Greymouth, 25+ on 17/2/61 (H.R.McK.). Hokitika, 25+ feeding on short grass of 'The Square' on 11/1/61; Okarito, 6+ on 18/1/61 (R.B.S.).

RED-BREASTED DOTTEREL (*Charadrius obscurus*) — Kaimaumau, c. 70 on 12/2/61 (A.T.E.). Mimiwhangata, c. 10 on 21/8/61 (B.D.B., D.V.M.). Mid-Kaipara, 16/4/61, c. 50, of which 40 were together in a loose flock (R.B.S., D.A.U.). Muriwai, 2 prs. over 15 miles on 23/10/60 (P.D.G.S.).

WRYBILL (*Anarhynchus frontalis*) — Ninety-Mile Beach, 5 between Awanui beacon and the Bluff, on 9/2/61; Paua, 1 on 6/2/61 (A.T.E.). Mid-Kaipara, 100+ on 19/2/61 (A. & J.P.). c. 310 on 16/4/61 (R.B.S., D.A.U., H.R.McK.). Waikanae, 1 on 14/1/61 (M.J.I.),

LONG-BILLED CURLEW (*Numenius madagascariensis*) — Kaimaumau, 4 on 12/2/61 (A.T.E.).

BAR-TAILED GODWIT (*Limosa lapponica*) — Ninety-Mile Beach, 77 on 9/2/61; Paua, c. 500 on 6/2/61; Kaimaumau, c. 120 on 12/2/61 (A.T.E.). Portland, 800+ on 14/12/60 (P.D.G.S.). Mid-Kaipara, c. 4000 on 19/2/61 (A. & J.P.); 800+ on 16/4/61 (R.B.S., H.R.McK., D.A.U.). Tamaki estuary, up to 30 during July '61 (P.D.G.S.). Tauranga Hr., best count at Rat I., c. 480 on 12/12/60; at Otumotai and Sulphur Pt., numbers increase to c. 500 in summer; c. 110, at Matapihi Inlet, on 14/5/61, would be most of those wintering (R.V.McL., M.H.). Ohiwa, 2000+ on 23/10/60 (R.V.McL.). Matata, 2 on 21/10/60 (A. & J.P.). Wanganui estuary, 9 near Imlay on 15/12/60 (D.E.C.). Waitotara, 7 on 5/2/61. Few in Westland; Hokitika, 1 on 12/1/61; Okarito, 6 on 18/1/61 (R.B.S.). Heathcote-Avon estuary, c. 1500 on 10/1/61 (R.B.S.). c. 100 on 9/7/61 (D.H.B.). Hooper's Inlet, 8 on 1/9/60; 164+ on 6/11/60; Aramoana, c. 400 on 1/10/60; 200 on 4/2/61; c. 70 on 13/5/61 (W.T.P.).

HUDSONIAN GODWIT (*Limosa haemastica*) — Heathcote-Avon estuary, 1 on 24/6/61 and 9/7/61 (D.H.B., D.D., M.D.).

GREY-TAILED TATTLER (*Heteroscelus incanus brevipes*) — Waikanae, one under observation by several ornithologists from 1/10/60 - 22/4/61; a full report will appear later (I.G.A.). Tattlers, identified as *brevipes*, were also reported from Heathcote-Avon estuary and Aramoana, Otago (v. *Notornis* IX, 135, 136 & 181).

A tattler was found near the Greenpark Huts, L. Ellesmere, on 25/3/61; but the form was not determined (D.H.B., D.C.).

TURNSTONE (*Arenaria interpres*) — Ninety-Mile Beach, 5 on 9/2/61; Paua, c. 30 on 6/2/61; Kaimaumau, c. 300 on 12/2/61 (A.T.E.). Portland, 6 on 15/12/60 (P.D.G.S.). Mid-Kaipara, 16 on 19/2/61 (A. & J.P.). 50+ on 16/4/61 (R.B.S., H.R.McK., D.A.U.). L. Grassmere, 2 on 25/6/61 (B.D.B., A.B.). L. Ellesmere, scores, perhaps 100, on 7/1/61 (R.B.S., B.D.B.).

KNOT (*Calidris canutus*) — Kaimaumau, c. 200 on 12/2/61 (A.T.E.). Portland, 1200+ on 14/12/60 (P.D.G.S.). Mid-Kaipara, c. 1000 on 19/2/61 (A. & J.P.). 50+ on 16/4/61 (R.B.S., H.R.McK., D.A.U.). L. Ellesmere, 6 near Greenpark Huts on 25/3/61 (D.H.B., D.E.C.).

SHARP-TAILED SANDPIPER (*Calidris acuminata*) — Waitotara, 1 on 5/11/60 (M.J.I.).

RED-NECKED STINT (*Calidris ruficollis*) — Mid-Kaipara, 4 with necks reddening, on 19/2/61 (A. & J.P.). 1 on 16/4/61 (R.B.S., D.A.U., H.R.McK.).

SANDERLING (*Calidris alba*) — 1 associating with several Pacific Golden Plover, Manakau Beach, Wellington west coast on 16/12/57. Photographed and identification confirmed at Dominion Museum (P.M.M.). L. Ellesmere, 1 near Greenpark Huts on 11/3/61 (D.H.B., D.E.C.).

PIED STILT (*Himantopus leucocephalus*) — Paua, c. 400 on 6/2/61; Kaimaumau, 14 on 12/2/61 (A.T.E.). c. 30 at the 'island' in mid-Kaipara on 16/4/61 (R.B.S., D.A.U.). Albany, new pond of North Shore Drainage Board, some reported to have nested 1960; several pairs nesting spring 1961 (R.B.S., D.F.B.). Awhitu, 1 pr. at nest on 13/11/60 (H.R.McK.). Tauranga Hr. 121 at Rat I. on 2/4/61 (P.D.G.S.). Volcanic Plateau, breeds freely where conditions are favourable. Transients seem to pass through Rotorua during spring and autumn migrations (M.S.B.). Taupo, young chicks seen near outlet, 2/1/34 (J.S.A.). Tokaanu, 3/1/61, family party of 5 ballet-dancing on mat of floating weed (R.B.S.). Mohakatina rivermouth, N. Taranaki, 12 on 28/2/61 (H.M.McK.). Waitotara, c. 50 on 5/11/60; 27 on 5/2/61 (M.J.I.). Wanganui estuary, 50-60 in May, decreasing to c. 25 in Sept. '61 (D.E.C., B.J.T., R.W.M.). Ohau, c. 15 on 15/1/61; Waikanae 22+ on 15/1/61, 27 on 3/4/61 (M.J.I.). Wanstead swamp, 12 on 3/4/61 (J.S.H.). Rather scarce in Westland, 6 on playing field at Greymouth on 21/6/61 and 6 at estuary on 5/8/61 (E.W.C.). 4 at lagoon S. of Gillespies' Pt. on 17/1/61; 4 near Barrytown on 19/1/61 (R.B.S.). Dunedin Hr., 78 on 29/1/61; 85 on 20/2/61; 76 on 21/3/61; 13 on 26/6/61. Green I. lagoon, 17 on 27/4/61; Parakanui 20, Long Beach 12, Murdering Beach 7, Kai-kai 9 on 2/5/61. Karitane, 50+ on 25/5/61. Invercargill estuary, 10 on 24/1/61 (W.T.P.).

SOUTHERN SKUA (*Stercorarius skua lonnbergi*) — Tomahawk, Dunedin, 1 on 13/3/61 (W.T.P.).

POMARINE SKUA (*Stercorarius pomarinus*) — Between Clevedon estuary and Ponui I., 1 on 30/4/61; closely watched; it chased Red-billed Gulls and forced them to disgorge; tame, hovered low over launch and settled on water only 12ft. away. Evidently juv.; central tail-feathers not noticeably projecting (M.J.B.).

ARCTIC SKUA (*Stercorarius parasiticus*) — Waitarere, 1 on 30/4/61; Ohau, 1 on 15/1/61; Waikanae, 6 on 15/1/61; Tory Channel, 3 on 31/1/61 (M.J.I.). Hinds rivermouth, Ashburton, 1 on 24/4/61 (E.W.C.). Not uncommon off Westland; 2 off Hokitika still harrying White-fronted Terns at 8.25 p.m. on 12/1/61; Tauranga Bay, S. of Westport, 3 at dusk on 19/1/61 (R.B.S.). Greymouth, 1 on 8/4/61 (P.G.).

SOUTHERN BLACK-BACKED GULL (*Larus dominicanus*) — Ninety-mile Beach, c. 1300 counted over 29 miles on 9/2/61 (A.T.E.). Muriwai, c. 120 prs. breeding in sandhills, 12 miles up beach; no eggs on 23/10/60; well-grown young on 2/1/61 (P.D.G.S.). Koi Rock, Waiheke, 50+ nests with eggs on 27/11/60 (D.V.M.). Patea, c. 2300, below meat works on 25/2/61 (H.R.McK.). Waitotara, 14 occupied nests on 5/11/60; several young chicks on 3/12/60 (M.J.I.). Wanganui, 5000+ near Imlay meat works during winter and early spring (D.E.C., B.J.T., R.W.M.). Palliser Spit, 5/11/60, 209 nests; 46% contained 3 eggs; no chicks as yet (C.N.C.). Green I. beach, up to 1300 in winter; Port Chalmers, c. 2000 on sandbanks on 5/2/61; Rerewahine Pt., c. 40 nests mostly with 3 eggs on 22/11/60. Bluff, c. 1000 near freezing works on 23/1/61 (W.T.P.).

RED-BILLED GULL (*Larus novaehollandiae scopulinus*) — Ninety-Mile Beach, c. 1000 over 29 miles on 9/2/61 (A.T.E.). Muriwai, c. 10

speckled young on 2/1/61 indicated successful breeding on the pinnacle (P.D.G.S.). Volcanic Plateau, has increased over last twenty years; winter populations larger than formerly; new colony on mud-flat at Arikikapakapa golf links, established in 1959 (M.S.B.). Wanganui estuary, appears to be a winter feeding area; 86 on 22/5/61 dwindling to 25-30 on 18/9/61 (D.E.C., B.J.T., R.W.M.). Himatangi beach, 6 on 29/5/61; Waitarere, 20+ on 4/3/61; Ohau, 1 on 15/1/61 (M.J.I.). Palliser Spit, 24/12/60, small nesting colony of six nests containing eggs, and two with 2 chicks each; 2/1/61, colony deserted. Castle Point, 1/1/61, nesting colony on stack at north end of Castle rock, c. 60 nests occupied, a few young just flying (C.N.C.). Okarito, 5/2/61, in colony of White-fronted Terns, 10 adults, 1 on nest; 10+ large running young (H.R.McK.). Gillespies, 2 on 15/1/61 (R.B.S.). Wharekakaha I., Otago Pen., 77 mostly on nests on 6/11/60; Rerewahine Pt., c. 200 nesting on 22/11/60; Halfmoon Bay, c. 220 on rock on 15/1/61; Anderson's Bay, 494 on 20/2/61 (W.T.P.).

BLACK-BILLED GULL (*Larus bulleri*) — Junction of Waikato and Waipakihi, 2 on 22/10/60 (J.L.K.). Volcanic Plateau, numbers fairly stable over recent years, despite considerable predation at main breeding colony on L. Rotorua (M.S.B.). Waitotara, 3 on 5/2/61; Himatangi, 48 on 29/5/61; Waitarere, 35+ on 4/3/61; Ohau, c. 10 on 15/1/61; Waikanae, 3 on 15/1/61; c. 8 on 3/4/61 (M.J.I.). Hokitika, many on 12/1/61 (R.B.S.) and c. 30 on 15/2/61 (H.R.McK.). Whataroa, 50+ on 13/1/61 (R.B.S.) and 51 on 13/2/61 (H.R.McK.). Okarito, 10+ nesting among White-fronted Terns, 18/1/61 (R.B.S.) and 5/2/61, some young on wing and some chicks (H.R.McK.). Gillespies Beach, many hovering over a waste of gorse and tailings, 15/1/61; L. Lyndon, 1 pr. on 11/1/61; Benmore, c. 12 on 10/5/61 (R.B.S.). 4 with rose-tinted breasts in a group of c. 40 near Alford Forest, Ashburton, on 30/5/61 (E.W.C.). Pukarau, 600+ on ploughed paddock on 24/1/61; Dunedin, 50 on 18/2/61; Tomahawk, 89 on 13/3/61; Long Beach, 140 on 2/5/61; Halfmoon Bay, Stewart I., 2 on 14/1/61 (W.T.P.).

BLACK-FRONTED TERN (*Chlidonias albostratus*) — Scarce on Wellington west coast, early 1961; Ohau estuary, 1 immature on 15/1/61; Waikanae, 2 sub-adults on 3/4/61 (M.J.I.). Aramoana, 37 on 13/5/61 (W.T.P.).

CASPIAN TERN (*Hydroprogne caspia*) — Rotorua, numerous during autumn and winter, when residents are reinforced by visitors; max. c. 50 June-July, roosting on Silica Flat (M.S.B.). Ohiwa, 24/10/60, several nests but no eggs (D.V.M.). Wanganui estuary, odd birds up to Aramoho (D.E.C., B.J.T., R.W.M.). Brothers, 1 on 3/12/60; 2 on 9/1/60 (A.W.). Palliser Spit, 5/11/60, nesting colony, total number of nests 41, of which 19 contained chicks or chicks and eggs; the remainder eggs only, in addition 13 running chicks were counted; 24/12/60, four occupied nests (2 eggs and 4 chicks) and c. 20 running chicks; 2/1/61, six running chicks only. Picton 60+ on 31/1/61. L. Ellesmere, 2 prs. had bred on a 'barley grass' bank near the Canada Goose round-up, and had respectively 1 flying juv. and 2 big fledglings on 7/1/61. Westland, thinly distributed along coast; Hokitika, 5 on 12/1/61; Gillespies Pt., 3 on 17/1/61; Okarito,

a few on 18/1/61 (R.B.S.). Scarce near Dunedin; Anderson's Bay, 1 on 20/2/61; Purakanui, 1 on 2/5/61; Papanui Inlet, 1 on 14/5/61; Karitane, 2 on 25/5/61 (W.T.P.).

WHITE-FRONTED TERN (*Sterna striata*) — Ninety-mile Beach, 688 counted in 31 groups on 9/2/61; Cape Reinga, 7, and Spirits Bay, 5, on 7/2/61; c. 250 off Mangonui and many in Tauranga Bay, Whangaroa, on 14/2/61 (A.T.E.). Muriwai cliffs, c. 250 prs. on 23/10/60, laying in progress; 2/1/61, many chicks flying (P.D.G.S.). Koi Rock, Waiheke, 200+ nests with eggs on 27/11/60 (D.V.M.). Mokau, 380+ on 28/2/61 (H.R.McK.). Wanganui estuary, 3 at mole on 19/12/60 (D.E.C., B.J.T., R.W.M.). Waitarere, c. 1000 on 30/4/61; Ohau, c. 550 on 15/1/61; Waikanae, c. 200 on 15/1/61; c. 180 on 3/4/61 (M.J.I.). Westland, Jan. '61, plentiful offshore from Westport to Gillespie's Pt., frequently harried by Arctic Skuas (R.B.S.). 12/2/61, remnant colonies seen from air at Totara, Wanganui and Poerua rivermouths; Okarito, 5/2/61, 400+ adults, some still on eggs or small chicks; a few chicks flying; many at intervening stages (H.R.McK.). Aramoana, 108 on 1/10/60; 200 on 4/2/61 & 13/5/61; Taieri, 62 on 19/2/61; Stewart I., only a few — up to 10 during Jan. '61 (W.T.P.).

FAIRY TERN (*Sterna nereis*) — Portland, 1 with full yellow bill on 14/12/60 (K.C.B.C.).

TERN (*Sterna albifrons/nereis*) — Portland, 3 small dark-billed terns on 14-15/12/60, did not associate with single obvious *nereis*, but kept with waders (K.C.B.C.). Mid-Kaipara, 8 with dark bills and legs on 19/2/61 (A. & J.P.). L. Ellesmere, 1 near Greenpark Huts on 25/3/61 (D.H.B., D.E.C.).

BUSH PIGEON (*Hemiphaga novaeseelandiae*) — Moumoukai, parties visiting patches of bush on farms (J.W.St.P.). Minginui, Aug.-Jan., up to 6 in a day; Feb., 18; Mar., 50; April, 16. Food: Aug.-Sept., putaputaweta fruit; Sept.-Dec., lace-bark and other leaves; Jan., fuchsia fruit; Feb., fuchsia fruit, miro (a month early) and tawa; Mar., miro, tawa, maire; April, miro, kahikatea. No records made after April (R.St.P.). Range S. of Tokaanu, 23/4/61, many (F.P.H.). Franz Joseph-Fox Glaciers, Jan.-Feb. '61, plentiful; flocks up to 16 (H.M.McK., H.R.McK., R.B.S.). Leith Valley, 4 on 3/9/60; 4 on 6/5/61; 6 on 24/6/61; Whare Flat, 10 on 27/9/60; Stewart I., up to 20, any day Jan. '61 (W.T.P.). Mt. Creighton Station, 1 feeding off plum tree buds, 27/8/61 (R.M.).

KAKA (*Nestor meridionalis*) — Cuvier I., 2 on 16/2/61 (D.V.M.). Moumoukai, seem to come and go, 1-3 at times (J.W.St.P.). Minginui, Aug.-Mar., up to 9; April, none. In Nov., some flying E. at c. 4000ft. (R.St.P.). Pureora, W of Mangakino, 1 heard (D.N.L.). Waipakihi, Kaimanawas, 18-24/4/61, several seen; Waipakihi-Wanganui R., 2 prs. 22-24/10/60 (J.L.K.). Moerangi Bush, W. of Tokaanu, odd ones; range S. of Tokaanu, none seen or heard (F.P.H., M.G.D.). Ikamatua, 17/2/61, 5 at least in beech trees (P.G., T.H.S., H.R.McK.). L. Mapourika, 1 (H.M.McK., H.R.McK.), Stewart I., 1 on Ulva on 17/1/61; Golden Bay, 1 on 22/1/61 (W.T.P.).

KEA (*Nestor notabilis*) — Becoming a carpark attendant near Fox Glacier; 10 at roadside halt near Waikutupa R. on 13/1/61; and 5 at viewpoint below 'Cone' on 17/1/61 (R.B.S.).

WHITE COCKATOO (*Kakatoe galerita*) — 1, probably the same bird, widely reported from Ness Valley, Orere, Whakatiri, Miranda; sometimes closely pursued by Harriers (A.W.M., G.M.O., A.T.).

RED-FRONTED PARAKEET (*Cyanoramphus novaezelandiae*) — Of 8 parakeets seen Jan. '61 on Stewart I., two identified as this species (W.T.P.).

YELLOW-CROWNED PARAKEET (*Cyanoramphus auriceps*) — Minginui, Aug. '60-April '61, 2-4 often seen; one party of 7 (R.St.P.). 2 probably of this species in a birch (*betula*) beside L. Kariere on 12/1/61, elusively seen but looked small (R.B.S.).

SHINING CUCKOO (*Chalcites lucidus*) — First song:— Whangarei 16/9/60 (O.C.); Little Barrier 6/10/60 (R.H.B.); Middlemore 30/9/60 (P.D.G.S.); Clevedon 17/9/60 (J.W.St.P.); 19th (C.R.O.); 20th (A.J.G.); Minginui, 4/10/60; scarce this season, not seen or heard in Jan. (R.St.P.). Last song:— 7/1/61 (J.W.St.P.); 13th Jan. (H.M.McK.); 24th (A.T.). On 19/12/60, one flew from tree and sang full song, ending with downward notes, on the wing (H.M.McK.). Calling at Geraldine on 3/1/61 and Longford Bridge, Murchison, on 8/1/61 (J.G. & L.E.W.). Winchmore, Ashburton, 1 juv. on 27/2/60 (E.W.C.). L. Mapourika, 1 singing strongly on 13/1/61 (R.B.S.). Farewell Spit - Nelson - Reefton and down to L. Paringa, 19/1/61-18/2/61, not seen or heard (H.M. McK., H.R.McK.).

LONG-TAILED CUCKOO (*Eudynamis taitensis*) — Little Barrier, 2 at 1200ft. on 12/10/60 (R.H.B.). Minginui, first seen and heard 4/10/60; last seen and heard 2 on 30/1/61 (R.St.P.). Waipakihi Valley, Kaimanawas, several heard 22-24/10/60 (J.L.K.). L. Mathe-son, 1 on 14/1/61; Okarito Forks, 1 on 13/1/61 and 18/1/61 (R.B.S.). Base of Farewell Spit, 1 on 21/1/61; Okarito, 2 on 4/2/61; Franz Joseph and L. Wahapo, calls up to 13/2/61; not heard at Kaniere or near Hokitika on 15/2/61 (H.M.McK., H.R.McK.).

MOREPORK (*Ninox novaeseelandiae*) — Volcanic Plateau, present in fair numbers (M.S.B.). Halfmoon Bay, 2 calling on 16/1/61 (W.T.P.).

KINGFISHER (*Halcyon sanctus*) — Volcanic Plateau, fairly common; a few move into Rotorua over the winter (M.S.B.). Minginui, 1960-61, Aug., none; Sept., 1; Oct.-Jan., up to 8 per day; Feb.-April, odd ones (R.St.P.). Wanganui estuary, 39 on 22/5/61 between Imlay and Yacht Club (D.E.C., R.W.M.). Westland, apparently rather scarce (R.B.S.). Waikati, 3 on 17/9/60; 3 on 25/5/61; 7 on 22/6/61; Aramoana, 4 on 13/5/61; Otago Hr., 6 on 14/5/61 (W.T.P.).

N.I. RIFLEMAN (*Acanthisitta chloris granti*) — Waipakihi-Waikato rivers area, Kaimanawas, 22-24/10/60 and April '61, easily the most common bird. Numerous at river level and high in the bush (J.L.K.). Ranges S. of Tokaanu, April '61, common in rimu; but not seen in kamahi bush or in the upper belt of beech (F.P.H., M.G.D.).

FANTAIL (*Rhipidura fuliginosa*) — Mt. Patutu, Kaimanawas, 22-24/10/60, few; but 1 at c. 4000ft. (J.L.K.). Seen during year, Dunedin, 65 pied, 12 black; Stewart I., 21 pied, 1 black (W.T.P.).

PIED TIT (*Petroica macrocephala toitoi*) — Moumoukai, 1960-61, now very scarce; not one seen since Christmas despite traversing miles of bush each week (J.W.St.P.).

YELLOW-BREASTED TIT (*Petroica m. macrocephala*) — Ikamatua, near Reefton, 2/2/61; 18/2/61 all along bush road; noticeably yellower than when seen on 2/2/61 (P.G., H.R.McK. et al.). Westland, Jan. '61, one of the commonest native passerines (R.B.S.). Waipori gorge, 25/3/61, 2 males, 2 females, one of which was working hard at a large green cricket; Bull Creek, 3 males on 1/4/61; Leith Valley, 2 on 15/6/61. Stewart I., 4-23/1/61, 10 seen (W.T.P.).

N.I. ROBIN (*Petroica australis longipes*) — Minginui, 1960-61, Aug., song increasing; Sept.-Oct., song strong; Nov., males carrying food; Dec.-April, less song and later birds retired to deep bush (R.St.P.). Mt. Patutu hunters' camp, 1; Waipakihi-Waikato rivers junction camp, 1 usually present, very tame (J.L.K.); April '61, 8 seen on half-mile of bush; one out in open in full sunlight. Ranges S. of Tokaanu, none seen (F.P.H., M.G.D.).

S.I. ROBIN (*Petroica a. australis*) — Nelson - Westland, Feb., 1961, seen or heard at Hope Summit, north and south of Murchison, Maruia river bridge, Lewis Pass, Rahu Saddle, Ikamatua and reported plentiful at Mt. Hercules. Two at Maruia ate butter and Christmas cake; two at Rahu ate bread and fruit of a creeping plant (H.M.McK., H.R.McK.). One near Murchison on 6/1/61 was seen to gulp up a pellet measuring 13 x 7 mm. (J.G. & L.E.W.).

FERNBIRD (*Bowdleria punctata*) — Small isolated colony persists between Ngongotaha and Kawaha Pt. (M.S.B.). Minginui, only 1 found 1960-61 (R.St.P.). Between Desert Rd. and Kaimanawas, a loose colony seen every year since 1954 (F.P.H., M.G.D.). Tongariro National Park, several calling on 18/5/61 in heather colony near Tawhai Falls (P.D.G.S.). Okarito, Westland, 6/2/61, some calling; L. Paringa area, reported common (H.M.McK., H.R.McK.).

BROWN CREEPER (*Finschia novaeseelandiae*) — Fox Glacier road, 7/2/61; 1 pr. in scrubby forest on side track (H.M.McK., H.R.McK.). Klondyke Corner, Arthur's Pass, noisy family parties 11/1/61 in beech forest (R.B.S.). Edwards River, c. 40 in flock on 5/3/60 (E.W.C.). Whare Flat, 4 on 27/10/60; Waipori Gorge, 14 on 25/3/61; Bull Creek, 4 on 1/4/61; Dunedin, 6 on 8/4/61 & 20/5/61; Evansdale, 8 on 22/6/61 (W.T.P.).

WHITEHEAD (*Mohoua albicilla*) — Rotoma Hill, 4+ on 22/10/60 (H.R.McK. et al.). Minginui, Aug. '60-April '61, plentiful, up to 10 in a day (R.St.P.). Common in exotic pines between Wairakei and Tokoroa, Oct. '60 (J.P., A.P., M.S.B.).

YELLOWHEAD (*Mohoua ochrocephala*) — Ikamatua, 2/2/61, 5+ in high beech trees; song noted as of heavier timbre than song of Whitehead. Paringa, Westland, 9/2/61. 2 flying across road, one calling on the wing (H.M.McK., H.R.McK., T.H.S.).

GREY WARBLER (*Gerygone igata*) — Plentiful around Dunedin (W.T.P.).

SONG THRUSH (*Turdus ericetorum*) — Minginui, singing stopped 11/2/61 (R.St.P.). Reefton, 1-2/2/61, several singing strongly (H.R.McK.).

BLACKBIRD (*Turdus merula*) — Clevedon, song started at end of June and ceased about mid-December, with odd snatches till Dec. 30 (H.R.McK.). Minginui, song began 6/9/60 and ended about 11/2/61 (R.St.P.). Kaimanawas, 23/10/60, 1 near top of range at c. 5000ft. (J.L.K.). Reefton 1-2/2/61, several singing moderately well (H.M.McK., H.R.McK.). Clevedon, July '61, one white except for some dark flecks (G.M.O.). Vauxhall, 7/1/61, female anting in garden stopped by a male, who generally stops Starlings from anting (L.E.W.).

HEDGE SPARROW (*Prunella modularis*) — Clevedon 3/12/60, 2 young which could hardly fly were feeding on a lawn and begged food of a cock House Sparrow (H.R.McK.). Vauxhall 24/3/61, two seen bathing in wet clover on lawn (L.E.W.).

PIPIT (*Anthus novaeseelandiae*) — On Volcanic Plateau has had to retreat to more secluded areas. Logging roads traversing fern and scrub land are now a favourite habitat, e.g. March '59, 35 counted along two miles of track (M.S.B.). Kaimanawas, 22-24/10/60, several pairs along river valleys and on the tops; nest, 3 eggs, in a clump of tussock (J.L.K.).

BELLBIRD (*Anthornis melanura*) — Moumoukai, still fading; only 2 heard in six months (J.W.St.P.). Common around Rotorua (M.S.B.). Minginui, best daily count each month from Aug. '60-April '61: 35, 70, 70, 80, 60, 50, 50, 300. Foods noted: *Nothopanax arboreum* flower; Oct. started on kowhai; Oct.-Jan. fuchsia flowers; Jan.-Feb. konini; Mar., maire and kaikomako; April, kahikatea. Insects are taken throughout the year (R.St.P.). Kaimanawas and ranges S. of Tokaanu, April '61, numerous. Near the latter place the bush resounded with a call we had not heard elsewhere. It was of two notes sounding like the shrill yelping of a small dog (F.P.H., M.G.D.). Westland, Jan. '61, plentiful (R.B.S.). Dunedin, Fraser's Gully, 16 on 13/9/60; 11 on 8/12/60; 19+ on 8/4/61. Waipori Gorge, 7+ on 25/3/61; Bull Creek, 6 on 1/4/61; Whare Flat, 31 on 27/10/60, mostly heard. Halfmoon Bay, plentiful; 1 with wings of large crane-fly forming moustache, sang several times (W.T.P.).

TUI (*Prosthemadera novaeseelandiae*) — Minginui, best daily count each month Aug. 60-April '61: 30, 70, 75, 120, 70, 50, 45, 70, 300. Foods noted: Aug.-Sept., flowers of *Nothopanax arboreum*; Oct.-Nov., kowhai; Oct.-Jan., fuchsia flowers; Feb., konini; March, miro, maire; April, kahikatea. Insects throughout year (R.St.P.). Kaimanawas, 22-24/10/60, only 1 seen (J.L.K.). Ranges S. of Tokaanu, April '61, very few; at least 20 Bellbirds to one Tui (F.P.H., M.G.D.). Rotorua, not very common; 4 in aerial display near Hamurana; fed with Bellbirds during winter at Taupo (M.S.B., J.S.A., C.D.B.). Dunedin, Leith Valley, 3 on 24/6/61. Halfmoon Bay, Jan. '61, 20-30 every day; singing 'cowbell' notes (W.T.P.).

SILVEREYE (*Zosterops lateralis*) — Little Barrier, 7/7/60, first small flocks for winter (R.H.B.). Cuvier Island, 11-23/7/61, thousands present; they departed as suddenly as they arrived (D.V.M.). Minginui, Aug.-Jan., small parties; Feb.-April, flocks of up to 90. Food noted: Feb., wineberry, blackberry, coprosma, lucida; Mar., kaikomako;

April, coprosma (R.St.P.). Clevedon, June '61, swarming on 'Red Hot Pokers' (M.J.B.).

GREENFINCH (*Chloris chloris*) — Rotorua, the last three years large flocks appeared in autumn and disappeared Aug.-Sept. (M.S.B.). Minginui, a few throughout year; seen eating dandelion seed (R.St.P.). Dunedin, formed about half a flock of 1500 finches on 29/6/61 (W.T.P.).

GOLDFINCH (*Carduelis carduelis*) — Minginui, Aug.-Sept. '60, a few; Oct.-April '61, none (R.St.P.). Taupo, 2 at Waitahanui on 14/7/61, the only 2 seen during a stay of 10 days (H.R.McK.). Dunedin, flocks of up to 100 in winter (W.T.P.). Westland; Jan '61, very few seen (R.B.S.).

LESSER REDPOLL (*Carduelis flammea*) — Minginui, small parties, spring and summer; no big flocks autumn '61 (R.St.P.). Dunedin, flocks of up to 12, Oct.-Jan.; up to 250 in winter, feeding chiefly on thistles and grass seed (W.T.P.).

CHAFFINCH (*Fringilla coelebs*) — Minginui, first song heard 2/9/60; song continued till near end of Feb. '61 (R.St.P.). Kaimanawas, 22-24/10/60, the most numerous introduced bird in the valleys and up the forested ridges* (J.L.K.). Moerangi, west Taupo, early June '61, all finches scarce where they had been in great numbers in May '59 (F.P.H., M.G.D.). Dunedin, winter flocks of 100+; commonly feeds on beaches (W.T.P.).

YELLOWHAMMER (*Emberiza citrinella*) — Little Barrier, 1960, c. 20 present all winter (R.H.B.). Moumoukai, 30/12/58, 2 nests with 4 and 3 eggs, 1 and 3 feet up in bracken (R.St.P.). Dunedin, 150+ in flock up c. 1500 finches on 29/6/61.

CIRL BUNTING (*Emberiza cirius*) — Motunau, 19/1/61, pair with fledgling (D.H.B.). Winchmore, Ashburton, a few seen frequently between April '60 and June '61; probably breeds (E.W.C.). Sumner, 1 singing at dusk on 9/1/61 in pines on top of cliffs (R.B.S.).

STARLING (*Sturnus vulgaris*) — Minginui, Aug.-Dec. '60; best daily count per month 60-80; Jan.-Feb. '61, none; Mar.-April, odd ones. Starling and House Sparrow greatly reduced, probably as result of advent and increase of Myna (R.St.P.). Queen's Gardens, Dunedin, c. 450 roosting (W.T.P.). Vauxhall, Nov. '60-April '61, often seen anting (L.E. & J.G.W.).

MYNA (*Acridotheres tristis*) — Naenae, several again reported (C.N.C.).

BLACK-BACKED MAGPIE (*Gymnorhina tibicen*) — Massey College, 1 regularly seen; Foxton, 2 on 18/8/61 (M.J.I.).

WHITE-BACKED MAGPIE (*Gymnorhina hypoleuca*) — Little Barrier, 6/12/60, adult arrived and was promptly shot (R.H.B.). Persists in Tongariro National Park, 2 at 2900ft. on 18/5/61 (P.D.G.S.). Klon-dyke Corner, 2 on 11/2/61 (R.B.S.). Evansdale, 3 on 22/6/61 (W.T.P.).

KOKAKO (*Callaeas cinerea wilsoni*) — Moumoukai, population may be increasing slightly. More singing noted (J.W.St.P.).