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Notable records include those of a grey heron in the South Island, three recent reports of the occurrence of the native thrush, though these require further confirmation, and additional North Island reports on the black-backed magpie.

KIWI (*Apteryx australis*).—Cape Brett, three found dead, c March, 1947; Deep Water Cove, Russell, Sept., 1948, one heard, reported as common. (J.S.) Parua Bay, Whangarei, 1948, one or two often heard. (M.H.) Male found dead in paddock on hills to south of Waihi beach, and sent to Auckland Museum by R. E. Mathers, 20/12/47. (E.G.T.)

LARGE SPOTTED KIWI (*A. haastii*).—Inangahua, reported present, 3/9/48. (E.W.D.)

KIWI (? spp.).—Milford Sound, calls heard 25-26/12/47. (Mrs. J. G. Smith, D.N.F.C.)

YELLOW-EYED PENGUIN (*Megadyptes antipodes*).—Otago Pen., 26/11/47; two young in nest; two eggs in another nest and both chipped open while we watched; adults remained in hiding while we were in vicinity of nests; another adult seen with chick standing by. (L.E.W.) Otago Pen., few pairs nesting in bay, 22/11/47. (D.N.F.C.) Purakanui Inlet, Otago, one, 13/3/48. (I.T.)

LITTLE BLUE PENGUIN (*Eudyptula minor*).—Cape Brett, flock with great fuss and noise on approach of bad weather. (J.S.). Often found inside coastal coal mines, Westland, 7/9/48. (E.W.D.) Waijanakaru River mouth, Otago, 25/1/48, one dazzled by car lights, caught and released. (S.I.A.)

DABCHICK (*Poliocephalus rufpectus*).—Muriwai Beach, two near lagoon, 22/1/48. (E.W.D.) Lake Rotorua, 7/7/48, flock of 11 off Ngapuna. (E.G.T.) L. Rotomahana, 11/2/48, 27 plus mostly about Banded Island. One not full-grown (P.C.B. & H.R.McK.) Lake Waikaremoana, 21/11/47, four. (A.A.S.) Lagoon near Levin, 23/10/47, six in pairs, one pair with two half-grown young. (R.H.D.S., A.S.W.)

CRESTED GREBE (*Colymbus cristatus*).—Lake Manapouri, one reported on nest, 29/11/47. (I.T.) Lake Pearson, 19/1/48, two. (G.G.)

DIVING PETREL (*Pelecanoides urinatrix*).—Well-grown youngster in burrow on Horahora, 11/11/47. (R.B.S., E.G.T.) Many washed ashore dead in Dec., Jan., e.g., one on 5/12/47, one on 10/1/48, at Clevedon. (M.J.McC.); one on 7/12/47 alive at Miranda, found by Mr. Whittlestone (H.R.McK.); one at Orewa, 27/12/48, seven at Pakiri, 28/12/48 (R.B.S.); 17 at Hot Water Beach, Coromandel, mid-Jan., 1948 (M.C.H.).

WHITE-FACED STORM PETREL (*Pelagodroma marina*).—Small colony at Noises had eggs on 11/11/47. (R.B.S.)

CAPE PIGEON (*Daption capensis*).—Palliser Spit, 3/7/48, corpse, first I have seen here. (J.M.C.)

GIANT PETREL (*Macronectes giganteus*).—Piha, 25/10/48, one ashore. (E.F.D.) Muriwai Beach, 25/7/48, Mr. Trevor Nugent (of Auckland) reported finding exhausted bird on beach. As it took off into strong wind fox terrier dashed round in front of it, barking excitedly; bird reached down and picked up terrier by hind leg. Loud shouting, or weight of dog caused it to drop its burden, when it again landed on beach. (H.R.McK.). 11/11/47, eight together off Auckland wharves. (R.B.S.) 16/5/48, one dead, Muriwai. (B.D.H.) 18/7/48, two dead at Muriwai. (H.R.McK.)

LESSER BROAD-BILLED PRION (*Pachyptila salvini*).—There was evidently a big "disaster" in the second week of June. At Muriwai, 42 in about 2 miles on 13/6/48. (D.A.U.) Five on 18/7/48. (H.R.McK.) Bethells, two on 10/7/48. (R.B.S.)

THIN-BILLED PRION (*P. belcheri*).—Muriwai, three on 13/6/48. (D.A.U.)

FAIRY PRION (*P. turtur*).—Muriwai, two corpses on 16/5/48. (B.D.H.) Four on 13/6/48. (D.A.U.) Two on 18/7/48. (H.R.McK.) Three on 19/9/48. (J.V.A.) Bethells, 2 on 16/7/48. (R.B.S.) Kaipara, two on 24/8/48. (J.V.A., M.H.C., B.D.H.) Palliser spit, 16/5/48, two corpses. (J.M.C.)

DOVE PRION (*P. desolata*).—Palliser Spit, 30/5/48, immat. male. (R.A.F.)

FLESH-FOOTED SHEARWATER (*Puffinus carneipes*).—11/11/47, few near Motuihi; hundreds off n. coast of Waiheke, 13/11/47, c. 250 on water scarcely half a mile from Motuihi jetty. (R.B.S.). Off Tarakihi, c. 30 on 7/12/47; one on 16/5/48. (G.K.McK., D.J.S., H.R.McK.) Corpses: One at Orewa, 1 at Leigh, 1 at Pakiri, 1 at Karekare on 22/2/48. (R.B.S.)

BULLER SHEARWATER (*P. bulleri*).—11/11/47, few off the north coast of Waiheke. (R.B.S.) 5/10/47, 2 off Tarakihi and five on 16/5/48. (T.M.R., H.R.McK.) Corpses: 1 at Takatu, 18/4/48. (R.B.S.) Palliser Spit, 30/5/48, corpse. (R.A.F.); one at Makara, Wellington, 2/6/48, ashore week or two. (R.B.S.)

MUTTON BIRD (*P. griseus*).—Corpses: 27/12/47, 1 at Leigh; Muriwai, 0 on 1/5/48 (R.B.S.), 3 on 16/5/48 (B.D.H.), 3 on 13/6/48 (D.A.U.), one recently ashore, 23/10/48 (O.C., R.B.S.); one of two corpses, Palliser Spit, 16/5/48, had last half-inch of upper mandible turned to right, not fitting over lower. (J.M.C.) Palliser Spit, 30/5/48, 19 corpses, adult and juv. (R.A.F.) Akaroa Harbour, 29/12/47, 35-40 seen, reported to nest. (E.W.D.)

SHORT-TAILED MUTTON BIRD (*P. tenuirostris*).—One at Anawhata, 21/2/48. (R.B.S.)

FLUTTERING SHEARWATER (*P. gavia*).—Near Ponui, 1000 plus on 2/5/48, and 200-300 in Waiheke-Ponui Channel. (G.K.McK.). Odd corpses found ashore on Auckland west coast, 21/2/48, 1/5/48, 16/5/48, 10/7/48, 26/8/48. (R.B.S., B.D.H.) Firth of Thames, east coast, near Tapu, 13/7/48, c. 200 close inshore. (R.McK.). Palliser Spit, 30/5/48, corpse. (R.A.F.)

HUTTON'S SHEARWATER (*P. huttoni*).—Muriwai, 1 ashore on 1/5/48, first record for this well-known petrel beach. (R.B.S.)

GREY-FACED PETREL (*Pterodroma macroptera*).—Ponui-Rotorua passage, Hauraki Gulf, 16/5/48; on largest islet 12 burrows in early use or being cleaned out. Tarakihi Island (Shag Rock), off Waiheke, several dozen burrows in early stages of use. (H.R.McK., G.K.McK., F.M., D.A.U.)

WHITE-HEADED PETREL (*P. lessoni*).—Muriwai, two ashore on 13/6/48. (D.A.U.); fresh corpse, 23/10/48 (O.C., R.B.S.) Pukerua Bay, Wellington, corpse, 20/5/47. (V.I.C.) Houghton Bay, Wellington, one, 1/6/48, few days ashore. (R.B.S.)

MOTTLED PETREL (*P. inexpectata*).—22/2/48, Piha, two, recently ashore. (R.B.S.)

WANDERING ALBATROSS (*Diomedea exulans*).—Palliser Spit, 30/5/48, adult male. (R.A.F.) Ferry Wharf, Wellington, 19/9/48, five birds resting, one seen at close quarters was *exulans*; others either this or *royals*.—(J.M.M.)

ROYAL ALBATROSS (*D. epomophora*).—Ihumatao, Manukau, Oct., '48, one ashore. (K.C.B.C.) Wellington Harb., 26/2/48, 1 came very close to Cobar; two seen some days before. (A.A.B.). 30/11/47, albatross nesting near bus terminus about mile from albatross sanctuary at Taiaroa Heads. People in weekend cottages near the locality tried to keep guard over it at weekend; Dec. 20, still incubating; Jan. 2, albatross found injured and had to be destroyed; large stone lying near by. (Mrs. J. Clark, D.N.F.C.)

BULLER MOLLYMAWK (*Thalassarche bulleri*).—21/2/48, Anawhata, 1 sub-adult just ashore. (R.B.S.)

GREY-HEADED MOLLYMAWK (*T. chrysostoma*).—Corpses: Muriwai, 1 juv. 13/6/48 (D.A.U.); 2 juv., 18/7/48 (H.R.McK.); 1 juv., 26/8/48. (R.B.S.). Palliser Spit, 30/5/48, two, ad. female and juv. female. (R.A.F.)

WHITE-CAPPED MOLLYMAWK (*T. cauta*).—One mid-June, Darville coast. (D.A.U.). Palliser Spit, 30/5/48, 3 old corpses. (R.A.F.)

LIGHT-MANTLED SOOTY ALBATROSS (*Phoebastria palpebrata huttoni*).—Male, prob. 6 months, picked up at Halswell, Christchurch,

and taken into Museum; escaped from captivity but was recaptured several days after at Ashburton. Died at Museum, 23/6/48; mounted as specimen; lungs and various mesenteries covered in small tubercles.—(E.W.D.)

BLACK SHAG (*Phalacrocorax carbo*).—Rotomahana, 11/2/48, 12 empty nests on Banded Island. (P.C.B.)

PIED SHAG (*P. varius*).—Ponui Is., 9/8/48, many half-grown young. (H.R.McK.) Clevedon Estuary, 12/3/48, best count for year, 55 (A.J.G.)

LITTLE BLACK SHAG (*P. sulcirostris*).—Rotomahana, four flying with *melanoleucus*, 1/2/48. (H.R.McK., P.C.B.) L. Rotorua, 5 plus on 14 and 19/2/48. (H.R.McK., M.J., S.B.) Matata Lagoon, 16 plus on 18/2/48. (H.R.McK.)

WHITE-THROATED SHAG (*P. melanoleucus*).—L. Rotokare, New Plymouth, 13-14/1/48, one. (E.H.S.)

STEWART IS. SHAG (*Leucocarbo c. chalconotus*).—Otago Heads, May, 1947, few. (E.W.D.)

SPOTTED SHAG (*Stictocarbo p. punctatus*).—Northern ridge of Oaia, 26/8/48, 50 plus. (R.B.S.) Wanganui Est., one on 1/3/48 and 29/3/48 (W.P.M.); immature female on 3/2/48 (J.M.M.). Waikanae, Wellington, three fishing in shallow stream mouth at lower edge of beach, 4/7/48. (R.B.S.) Akaroa Har., Sept., 1946, numerous; Birdlings Flat, March, 1946, very common; Purakanui, Dunedin, May, 1947, numerous; Akaroa, Dec., 1947, common; Scarborough Heads, Sumner, 1946-47, very common; Shag River mouth, 28/5/47, several immature. (E.W.D.) Purakanui, Otago, 27/3/48, at least 200. (I.T.)

MARLBOROUGH SHAG (*Leucocarbo c. carunculatus*).—Two pairs observed off Mussel Point, Cape Campbell; one pair roosting on 50ft cliff above Marfell's Beach, 26/8/48. (E.W.D.)

GANNET (*Morus serrator*).—Group of 150 or more resting on water off-shore, Napier, flying but not diving, 2 p.m.; later c. 4-4.30 p.m., birds fly singly or in small groups to fishing grounds up coast, returning later following shoals of fish and finally continue to Cape Kidnappers, 24-29/1/48. (E.W.D.) 8/5/48, one near Otago Heads and three in harbour. (D.N.F.C.)

GREY HERON (*Ardea cinerea*).—One seen from Ashley River Bridge, 23/12/47; first seen and identified by Dr. R. C. Murphy. (E.W.D.)

WHITE HERON (*Casmerodius albus*).—Upper Whangarei Harbour, 16/9/47, one seen. (M.H.) Trypheana, Great Barrier, May, 1948, one. (M.L.J.) Pakuranga Creek, Auckland, early June, three seen by several observers; 28/6/48, three seen closely, flying and also wading, one, apart from others, with paler yellow bill; 4/7/48, one flying and also wading, seen by several members. Turanga Creek, Whitford, from 8/7/48 to 23/9/48, from one to three seen frequently by residents and O.S.N.Z. members; four birds in a party were seen by Mrs. M. A. d'Auvergne on 12/7/48 and several residents also saw four at once on other occasions; on 15/8/48, with T. Ingham, I noted that the three birds present had yellow bills. Seen again by several members on 23 and 26/9/48; bills still yellow. (H.R.McK.) Matata Lagoon, one seen in May (C.A.F.).

WHITE-FACED HERON (*Notophox novaehollandiae*).—Kaiaua, Firth of Thames, one on 27/6/48; not present on subsequent visits (H.R.McK., D.A.U., O.C.) Pihama, S. Taranaki, one on a sandhills pool from 29/2/48 to 7/3/48.—(B.D.H.)

REEF HERON (*Demigretta sacra*).—Parua Bay, Whangarei, 1948, two often seen. (M.H.) Koi Rock, Rocky Bay, Waiheke, 7/12/47, three or four adults seen; six nests, chicks, 3, 3, 2, 1, 1, eggs 2 good in one

nest, 2 addled in nest with chick; we have elsewhere noticed the daytime scarcity of adults in relation to numbers of nests. (G.K.McK., F.M., H.R.McK.) Seven nests with eggs or young on the Sisters (1947-48) these being rocks at the southern entrance to Waiheke-Ponui passage. (M.L.J.) Waitotara Est., one on 5th, 12th and 22/3/48 (W.P.M.). Wanganui Est., 8/2/48, one. (J.G.S., J.M.M.) Waiwakaiho Est. and Paritutu Beach, New Plymouth, pairs on 2, 13 and 15/1/48. (E.H.S.) Purakanui Inlet, Otago, 12-20/8/47, one or two seen daily (Mrs. J. Hickman, D.N.F.C.); 16/9/47, 8/2/48, 28/3/48, one. (I.T.)

BITTERN (*Botaurus poiciloptilus*).—Parua Bay, Whangarei, 8/8/48, one in swamp. (M.H.). Clevedon River-mouth, 1/1/48, 2 flying. (A.J.G.). Miranda, booming by day on 26/9/48. (A.C.H.) Waitotara Beach lagoon, 19/12/47, one (W.P.M.); 22/2/48, one, (J.M.M.)

ROYAL SPOONBILL (*Platalea regia*).—Manawatu, 25/10/47, one. (R.H.D.S., A.S.W. and J.M.C.)

PARADISE DUCK (*Tadorna variegata*).—Rotomahana, c. 130 in flocks on 11/2/48 (P.C.B., H.R.McK.) Karaka, four during shooting season. (D.A.U.) Poro-o-tarau, 1 pair. (W.F.I.H.). Waitotara Beach lagoon, occ. seen, most being 15 on 5/3/48. (W.P.M.) Lagoon near Te Anau, 29/11/47, pair with six small young; between Mossburn and Te Anau, flocks c. 100 and 30, 28/11/47; between Manapouri and Mossburn, flock c. 100 (30 females). (I.T.)

GREY TEAL (*A. gibberifrons*).—Lake Rotomahana, 19/11/47, c. 25, including two flapper young, deserted nest contained apparent double-yolked egg, measuring 63.3 x 43.9 mm, waist of egg was straight, taking 15 m.m. of length; nest on clay bank, c 4ft. above water; covered by dry sticks, grass and *Blechnum* fern, and site screened by five-finger and coprosma twigs; egg was on bed of bare soil and decaying leaves. (J.M.C.). Lake Okataina, s. end, 1947, five young reported (H.R.McK.) Rotomahana, 11/2/48, 100 plus, inc. many young; a brood of seven about one week old at Waimangu estuary. (P.C.B., H.R.McK.)

GREY DUCK (*Anas poicilorhyncha*).—Clevedon, May, 1948, Mr F. Duder reported two with crops full of caterpillars and one from Taupiri containing 12 acorns. (H.R.McK.) New Plymouth, Pukekura Park, 8/1/48, c. 100, many juvenile; Lake Rotokare, 15/1/48, four. (E.H.S.) Leith Valley, Dunedin, fairly common, breeding. (W. H. Davidson, D.N.F.C.). Clinton, one with eight small young, 23/11/47. (I.T.)

BROWN DUCK (*A. aucklandica chlorotis*).—Parua Bay, Whangarei, 27/9/47, pair on small lagoon on edge of bush; 10/4/48, two heard flying to beach; 22/6/48, almost every evening for last three weeks heard flying down to tidal creek; 13/8/48, often heard; 21/9/48, nest found in rush which we have passed two or three times a day; all eggs had hatched except one; though so close to daily traffic the duck had kept herself and eggs so well concealed that she had remained undiscovered even by dogs. (M.H.) Takatu, 17 and 18/4/48, 3 pairs. (R.B.S.)

SHOVELLER (*A. rhynchotis*).—Takatu, one on 18/4/48. (R.B.S.) Miranda, 1 pair on 1/8/48, and 2 males on 9/10/48. (R.B.S.). Rotomahana, five at Waimangu and others elsewhere, 11/2/48. (P.C.B., H.R.McK.) Hamurana, 91 plus on 15/2/48; Matata lagoon, many on 18/2/48. (H.R.McK.). Kaituna, Canterbury, March, 1946, fairly common. (E.W.D.)

N.Z. SCAUP or BLACK TEAL (*Aythya novaeseelandiae*).—Rotomahana, 250 plus on 11/2/48. (P.C.B., H.R.McK.) L. Rotorua, behind Ward Baths, seven appeared on 25/3/48; winter max. of 301 on 17th May; only 7 left on 11/9/48. (M.J.S.B.). Lake Wakatipu, 22/5/47, numerous. (E.W.D.)

BLUE DUCK (*Hymenolaimus malacorhynchus*).—Omanawa Falls, 7/12/47, two. (H.R.McK.). Present in the gorges of the Whirinaki River.

(R.St.P.) National Park, 11/10/47, one seen. (R.H.D.S.) Lynn Creek, Cant., 15/11/47, pair. (G.C.) Milford Sound track, Clinton River, 22/12/47, pair. (Mrs. J. G. Smith, D.N.F.C.)

CANADA GOOSE (*Branta canadensis*).—Gough's Bay, Bank's Pen., 9/9/46, pair. (E.W.D.) Hunter Valley, Lake Hawea, Jan. 47, flock c. 15 in flight, considered nuisance as they spoil pasturage. (Miss A. Edmonds, D.N.F.C.).

BLACK SWAN (*Cygnus atratus*).—Clevedon Est., 117 on, 25/5/48 was biggest count. (A.J.G.) Kaiaua, Firth of Thames, 1 straggler on 9/10/48. (R.B.S.) Miranda, Firth of Thames, 1 pair on pools, 8/10/47. (R.B.S.) Lake Rotokare, New Plymouth, 13/1/48, two. (E.H.S.) Lake Grassmere, Marl., 25-27/8/48, numerous in W. side. (E.W.D.) Kaituna Lagoon, Cant., March, 1946, extremely numerous. (E.W.D.) Anderson Bay Bridge, Dunedin, 8/5/48, nineteen. (Mrs G. Nicholls, D.N.F.C.)

WHITE SWAN (*Cygnus olor*).—Otago Harb., 6/2/48, two; Tomahawk Lag. 9/2/48, two. (Mrs. J. Hickman, D.N.F.C.)

BUSH HAWK (*Falco novaeseelandiae*).—Waipori Gorge, 10/4/48, one. (D.N.F.C.)

HARRIER (*Circus approximans*).—Cape Brett, seen to knock down red-billed gull in nesting colony and carry it away. (J.S.) Rangitumau, Wairarapa, c. 25 years ago, young one placed in orchard fed by adult with five shining cuckoos within week, reported by L. T. Blatchford, who showed me photograph of another shining cuckoo which had flown into side of house. (R.H.D.S.) Lake Rotokare, New Plymouth, 15/1/48, one flushed from remains of hare; a considerable struggle appeared to have taken place, blood, fur and intestines being spread over a wide area. (E.H.S.)

PHEASANT (*Phasianus colchicus*).—Deep Water Cove, Russell, Sept. 1948, four and one golden pheasant. (J.S.) Parua Bay, Whangarei, 30/1/48, hen with two chicks; 19/3/48, six feeding on ink weed; 7/4/48, old nest in short gorse, remains of c. 8 eggs, 1 unhatched. (M.H.) Near Morrinsville, Jan. 1948, hens very common, numbers seen at dusk. (J.S.E.) Murupara dist., 25/11/47, six cocks seen in fern. (A.A.S.)

BROWN QUAIL (*Synoicus ypsilophorus*).—Cape Brett, 5/6/48 (J.S.) Parua Bay, Whangarei, 28/9/48, c. 8 in orchard, extremely tame. (M.H.) Between Wairoa and Waikaremoana, 20/11/47, one seen; bet. Waikaremoana and Te Whaiti, 24/11/47, two; walked to Murupara, 25/11/47, two fighting. (A.A.S.) New Plymouth, 10/1/48, two near Paritutu Rock. (E.H.S.)

CALIFORNIAN QUAIL (*Lophortyx californicus*).—Cape Brett, 5/6/48. (J.S.) Parua Bay, Whangarei, 8/12/47, pair with chicks about week old; 14/1/48, nest under gorse bush, 10 eggs. (M.H.) Napier-Taupo Road, 23/1/48, common. (E.W.D.) Near Tongoio, 19/11/47, one; bet. Wairoa and Waikaremoana, 20/11/47, one; between Waikaremoana and Te Whaiti, 24/11/47, six at intervals; walked to Murupara, 25/11/47, three; Wairakei, 25/11/47, numerous. (A.A.S.) Maitai Valley, Nelson, 17/11/47, often seen. (Miss A. Clancy, D.N.F.C.) Christchurch Botanic Gardens, 1944-47, fairly numerous. (E.W.D.) Herbert district, Otago, 1937-47, one seen and one reported. (S.I.A.)

PEA FOWL (*Pavo cristatus*).—Parapara Road, Wanganui, 24/10/48, two, both flew well, several hens reported present. (J.M.C., J.H.S., J.M.M.)

SOUTH IS. WEKA (*Gallirallus australis*).—Lyell, Buller River, 3/9/48. (E.W.D.) Quinton Huts, Milford Sound Track, 24/12/47, one with four young. (Mrs. J. G. Smith, D.N.F.C.)

BANDED RAIL (*Hypotaenidia philippensis*).—Parua Bay, Whangarei, 17/3/48, 1/4/48, 15/8/48, one seen in tidal creek. (M.H.) Reported at several new places around Clevedon. (H.R.McK.)

MARSH CRAKE (*Porzana pusilla*).—One caught by dog in L. Tongonga, Kaitaia, 8/5/48 and sent to Auckland Museum by R. H. Michie. (E.G.T.). Green Is. Swamp, 16/5/48, one obtained by dog sent to retrieve black swan, taken to museum. (I.T.)

PUKEKO (*Porphyrio poliocephalus*).—Parua Bay, Whangarei, 1948, two or three about. (M.H.). Clevedon, night-flying calls from 9/9 to 24/12/47. Began again July, 1948. (H.R.McK.) Lyell to Westport, 3/9/48, common on roadside swamps; Westport-Mokihinui, 4-6/9/48. (E.W.D.)

SOUTH ISLAND OYSTERCATCHER (*Haematopus finschi*).—Kaipara, 73 at Sandspit, on 24/8/48. (J.V.A., M.C.H., B.D.H.). Manukau (a) Puketutu Flats, 1 on 4/1/48, c. 100 on 14/2/48, 150 plus on 7/3/48, c. 170 on 13/7/48, 3 on 1/9/48. (P.C.B., B.D.H., R.B.S.); (b) Puhinui, 500 plus on 9/5/48. (B.D.H.), 113 on 17/10/48 (R.B.S.); (c) Karaka, 48 on 28/12/47, 510 on 27/3/48, 2c. 210 on 5/9/48, none on 10/10/48. (D.A.U.). The Puhinui and Karaka district birds are probably the same. Kaiaua and Miranda, Firth of Thames, some summered, 32 on 23/11/47, 45 on 20/12/47, c. 90 on 7/2/48, c. 148 on 11/7/48, 55 on 9/10/48. (R.B.S., H.R.McK.). Tararua, just north of Thames, 81 on 18/7/48 and c. 30 in early October flying off Thames. (R.McK.). Ashley River Est., 3/12/47, twelve; Upper Rangitata River, 15/11/47, occasional bird, one of which drove away harrier; Waimakariri Est., 9/2/48, c. 70; Upper Selwyn Gorge, 23/11/47, three pairs. (E.W.D.) Otago Harb., near entrance, c. 80 in four flocks. (D.N.F.C.) Karatane, 27/9/47, at least 45. (Miss A. Edmond, D.N.F.C.) Taieri Mouth, end Jan., 1948, c. 12 (Mrs. J. A. Moore, D.N.F.C.). Mataura River, near Gore, 2 pairs and 2 others, 24/11/47; Manapouri-Mossburn Road, Gorge Creek, 30/11/47, at least 20. (I.T.). Doctor's Point, Waitaiti, 10/1/48, 53 feeding. (L.E.W.)

NORTH ISLAND OYSTERCATCHER (*H. reischeki*).—One pair at Pakiri (1 being black the other very pied even to having a white rump), but no nest found, 28/12/47. (R.B.S.) Kaipara, 1 black with S.I.P.O. on 24/8/48. (B.D.H.) Manukau, (a) Puketutu Flats, 2 black and 1 typical *reischeki* wintered. (R.B.S.); (b) Karaka, 1 *reischeki* seen occasionally Dec., 47—Mar., 48. (D.A.U.). Kaiaua and Miranda, Firth of Thames, 1 *reischeki* wintered, 2 black appeared one winter, one in early spring and both were still present on 9/10/48. (R.B.S., H.R.McK.). Orere, Clevedon, 1 black bird reported at Tawhatakinu Beach, first reported in this area since one reported seen about 60 years earlier by late John Luke. (H.R.McK.) Ohau Est., Manawatu, 22/10/47, nest, 3 eggs (R.H.D.S., A.S.W.) Waikanae River Est.: 13/2/48, three, two jet black, one dark grey back, greyish white below; 17/2/48, four, three black with other bird. (B.I.)

BLACK OYSTERCATCHER (*H. spp?*).—Waitotara Est., two on 24/10/47 and 14/2/48. (W.P.M.) Waikanae Est., Wellington, 4/7/48, 2 pairs, one of which was behaving as if on territory and set up loud and prolonged piping, when the other pair appeared. (R.B.S.)

TURNSTONE (*Arenaria interpres*).—Kaipara, 1 on sandspit on 23/8/48, an interesting date whichever way it is regarded. (J.V.A.; M.C.H., B.D.H.) Manukau, (a) Puketutu Flats, c. 10 appeared in Nov., c. 50 on 21/12/47, then present till April, c. 80 on 3/4/48, last seen 22 on 15/4/48 (P.C.B., R.B.S.); (b) Karaka, 1 on 28/9/47, 65 plus on 23/10/47, then varying numbers till 11/4/48 when c. 126 were seen, none known to winter, 2 back on 3/10/48. (D.A.U.) Firth of Thames, Miranda, 1, a tired migrant, on 26/9/48 (R.B.S., F.M.B.) Waitotara Beach lagoon, 11/10/48, four. (W.P.M.)

LESSER GOLDEN PLOVER (*Pluvialis dominica*).—Manukau, (a) Puketutu Flats, 9 on 21/12/47 (P.C.B.); (b) Karaka, 13 on 2/11/47, then throughout summer, max. 20 on 22/2/48, last seen 6 on 11/4/48; 6 had arrived on 10/10/48. (D.A.U.) Waitotara Estuary, arrived on 3/11/47, last date seen 22/3/48, 6 birds when first seen and again when last seen,

some showed dark patch on breast; fed on mudflats only during falling tide, not seen there at other times; at high tide on 12/3/48, four were put up from grassy hollow between lupin-covered sandhills, about 50 yards from river bank. Later, before mudflats were uncovered, one circled over river and returned over lupin. All came to feed on mudflats as they were uncovered. On 22/3/48 last one to remain feeding till low tide observed to fly over sandhill and appeared to go down into grassy hollow about 100 yards in. (W.P.M.) Waitotara Estuary, 24/10/48, seven resting in grass field. (J.H.S. J.M.C., J.M.M.)

BANDED DOTTEREL (*Charadrius bicinctus*).—Kaipara, only two at sandspit, 24/8/48. (B.D.H.) Muriwai Creek, 2 pairs on territory, one with well-made scrapes, 26/8/48; Bethells, 1 pair on territory, 10/7/48; Firth of Thames, pairs on territory, scrapes well made, 1/8/48; 2 nests found with 3 eggs each on 29/8/48. (R.B.S.); a third nest had 2 eggs chipping on 8/9/48. (H.R.McK.) Clevedon, North Road, best count 215 on 2/4/48, 12 still left on 28/8/48, but none apparently stayed to breed. (G.K.McK.) Manukau, (a) Puketutu Flats, last flock of winter c. 50 on 18/8/47, single birds on 24/8/47 and 15/11/47; after nesting season 16 on 21/12/47, 220 plus on 2/2/48 (P.C.B., R.B.S.); (b) 1 pair attempted to breed at Karaka in Sept., 1948 (D.A.U.). Rotorua, three on silica flats throughout winter, 8 on 16/8/48 and 19 on 9/9/48, of which some were paired and on territory. (M.J.S.B.) 17/11/47, silica flat, near Ward Baths, Rotorua, c. 25 breeding birds, one chick, four odd juv. perhaps late chicks of last season (H.R.M., F.M., J.M.C.) 16/11/47, plentiful, apparently breeding, near stream off Desert Road. (J.M.C.) Near Torere, east of Opotiki, plentiful on coastal shingle beach, 27/11/47. (J.M.C.) Waitotara Beach and Lagoon, 1947-48 season, 4 pairs only; in winter up to 60 at lagoon. (W.P.M.) Waimakariri Est., 9/2/48, twelve. (G.G.) Birdling's Flat, March, 1946, 2 pairs; 21/9/47, 2 pairs plus one pair with nest and eggs; Selwyn Gorge, 23/11/47, two pairs; Waipara Riverbed, 23/12/47, pair. (E.W.D.) Otago Harb., near entrance, 8/5/48, 26 feeding. (D.N.F.C.) Mataura River, near Gore. (I.T.)

GEOFFROY'S SAND PLOVER (*Charadrius leschenaulti*).—Miranda one on 22-24/10/48. (R.B.S., H.R. McK., B.D.H.). A solitary dotterel, answering the description of this species was seen at Karaka several times between 19/7/47 and 6/9/47, only a mile across the water from where the Puhinui specimen of 1945 was found. (D.A.U.). Correction: In N.Z.B.N., Vol. 3, No. 2, page 51, line 4 of penultimate paragraph, date should be Aug. 20, 1943, not May 20.

NEW ZEALAND DOTTEREL (*Pluviorhynchus obscurus*).—Pakiri, no decrease in nesting pairs; 2 nests of 3 eggs each, 2/1/48, no young seen. (H.R.McK.) Muriwai, 17 in small groups, near northern end of beach, all except one in fully red breeding plumage, 18/7/47. (H.R.McK.) Bethells, pair in breeding dress, 10/7/48. (R.B.S.) Manukau, (a) Puketutu Flats, 1 juv. spent winter with wrybills, from 15/4/48 to 8/8/48. (B.D.H., R.B.S.); (b) Karaka, 1 from 7/3/48 to 11/4/48. (D.A.U.). Firth of Thames, Miranda, 1 juv. with wrybills, 27/6/48 and 1/8/48; odd birds in colour in three places along coast, 29/8/48, and a pair seen on 2/10/48. (R.B.S.) Kaipara, sandspit, 24/8/48, several pairs and some pale juv. (J.V.A., M.C.H., B.D.H.) Waitotara Beach, 24/10/47, one at lagoon. (W.P.M.)

WRYBILL (*Anarhynchus frontalis*).—Kaipara, sandspit, 28 on 23/8/48, doubtless only a fraction of the winter population. (J.V.A., M.C.H., B.D.H.) Muriwai, 1 at the creek on 16/5/48 (B.D.H.); 33 scattered along whole beach on 18/7/48. (H.R.McK.) Manukau, (a) Puketutu Flats, first arrivals, 1 on 27/12/47, 4 on 30/12/47 and 26 plus on 5/1/48 (P.C.B.); 190 plus on 14/2/48, c. 210 on 25/4/48, the winter population was steady at c. 198 (R.B.S.); 166 on 12/8/48 (B.D.H.); 44 on 1/9/48. (R.B.S.); 7 on 20/9/48 (R.J.F.); (b) Karaka, first arrivals, 2 at least on 25/12/47, winter maximum of 73 from 9/5/48 to 11/7/48, 6 on 8/8/48, 45 plus on 5/9/48, 15 on 10/10/48. Clevedon, 2 at Mataitai on

18/1/48 (R.B.S.). Firth of Thames, Miranda, more than we have ever recorded before, 14 on 24/1/48, 120 plus on 7/2/48, 2000 plus on 29/3/48 and 27/6/48, 1000 plus on 1/8/48, c. 140 on 26/9/48. (R.B.S., H.R.McK., O.C., F.M.B.) Waitotara Beach lagoon, one on 24/10/47 and 3/11/47 (W.P.M.); 24/10/48, two with prominent bands. (J.M.C., P.H.S., J.M.M.). Ohau Est., Manawatu, 22/10/47, four. (R.H.D.S., A.S.W.). Manawatu River mouth, 25/10/47, at least one. (J.M.C., R.H.D.S., A.S.W.). Wairarapa Lake, 8/2/48, two. (R.H.D.S.)

KNOT (*Calidris canutus*).—Karaka: Very few wintered. (D.A.U.) Firth of Thames, c. 400 wintered at Miranda of which the majority showed some red. (R.B.S.) Waitotara Beach lagoon, with godwits, 3 on 3/11/47, 3 on 22/9/48, 4 on 11/10/48, colour and behaviour of early arrivals as for godwits. (W.P.M.); 24/10/48, thirteen feeding (J.M.C., J.H.S., J.M.M.). Manawatu River mouth, 25/10/47, 14 (J.M.C., R.H.D.S., A.S.W.).

AMERICAN PECTORAL SANDPIPER (*C. melanotus*).—Miranda, Firth of Thames, one, a very tame bird, was seen many times between 20/12/47 and 29/3/48. (H.R.McK., O.C., R.B.S.). Manukau: A puzzling sandpiper, certainly not a typical *acuminatus*, and possibly a *melanotus*, was seen on Puketutu Flats on 1/1/48, but not again. (P.C.B.)

SIBERIAN PECTORAL SANDPIPER (*C. acuminata*).—Miranda, Firth of Thames, 3 of 8/11/47, 3 on 20/12/47, 1 on 14/3/48 (R.A.F., H.R.McK., O.C., R.B.S.); 2 on 23/10/48 (H.R.McK., B.D.H.). Karaka, 1, freshly arrived, on 10/10/48. (D.A.U.). Waipara River, 23/12/47, four. (E.W.D.)

RED-NECKED STINT (*Pisobia ruficollis*).—Miranda, F.O.T., 1 from 7/2/48—29/3/48. (R.B.S., O.C., H.R.McK.); one on 22/10/48 (R.B.S., K.C.B.C.). Manukau, Puketutu Flats, 1 on 16/1/48 (P.C.B.) and on 31/3/48, but none seen in the interval (R.B.S., H.R.McK.).

CURLEW SANDPIPER (*Erolia testacea*).—Miranda, Firth of Thames, 1 seen at half-tide on 3/1/48 (R. and J.W.St.P.); 5 on 7/2/48, 12 on 28/2/48 and 14/3/48; the first flock recorded for the North Island. (R.B.S., E.K.T., D.A.U., O.C., H.R.McK., J.W.St.P.)

BAR-TAILED GODWIT (*Limosa lapponica*).—On 19/3/48, Messrs. Lovett, Matene and Nilsen, when fishing c. 2 miles S.E. of North Cape light, observed a very large flock of godwits which circled overhead making much noise and finally flew due north, disappearing from sight over the sea on this course; this is the first record I have of godwit having been observed actually leaving the coast in a direction suggesting departure on migration. (A.H.W.) Clevedon, 30/11/47, 1500 plus during spring influx, Dec.-Feb. steady population of 700-800. (H.R.McK.). Many hundreds wintered in Firth of Thames, Manukau and Kaipara. (R.B.S., D.A.U., B.D.H.) Napier, 29/11/47, 41 seen, winter plumage; 28/3/48, 32, including 6 in practically full summer (red) plumage, and 4 less so. (J.M.C.) Waitotara Beach lagoon, 19 on 24/10/47, 11 on 3/11/47, 19 on 22/9/48, 11 on 11/10/48; those that arrived in September and October were light-coloured, restless birds, and did not stay long. It is suggested (by R.H.McK.) that these are birds that wintered in Auckland district and get "southward urge" at time when flocks fly south from Siberia. (W.P.M.) Waitotara Est., 24/10/48, two. (J.M.C., J.H.S., J.M.M.). Waimakariri Est., 9/2/48, 19. (G.G.) Brighton Creek, Otago, 4-8/10/47, eleven. (Miss E. Farquharson, D.N.F.C.). Taieri Mouth, end Jan., 1948, c. 12. (Mrs. J. A. Moore, D.N.F.C.). Merton Est., Otago, 27/10/47, fourteen, harassed by black-backed gulls. (L.E.W.).

WHIMBREL (*Numenius phaeopus*).—Manukau, (a) Puhinui, 1 on 4/12/47, possibly the bird that wintered at Karaka. (R.B.S., B.D.H.); (b), Karaka, probably the same bird seen several times till 21/3/48; one, thin looking, appeared on 3/10/48. (D.A.U.) Firth of Thames, 3 at Miranda were wintering, 27/6/48. (R.B.S., D.A.U.).

PIED STILT (*Himantopus himantopus*).—Parua Bay, Whangarei, 1948, sometimes 2 to 6. (M.H.) North Road, Clevedon, 19/9/47, nest 4 eggs; 21/9/47, destroyed by hawks; 1, perhaps 3, earlier nests also destroyed; 2/12/47, three further nests destroyed. (B.F.Duder). Clevedon, 1947-48, increase again this year in wintering birds, total c. 200, and in birds staying for breeding season total c. 80; 21/9/47, Mr. Alec Smith, North Road, found nest 4 eggs which was robbed by a hawk; (three previous nests had also been robbed); no young stilts were reared in the Clevedon north area this season; Rotorua area, 11-19/2/48, Waimangu Est., c. 80 (c. 12 juv.); Lake Rotorua, 200 plus, some being juv.; Lake Rerewhakaitu, 2 pairs; Hamurana, 7 (1 juv.); Matata Lagoon, 25 plus. (H.R.McK.) A very late nest had two fresh eggs on 24/1/48. (R.B.S.) 8/9/48, 20 nests found of which 5 had complete clutches. (H.R.McK.). Mounmoukai, Clevedon, 30/12/47, 9 p.m., 400ft. height, heard calls of several flying S-E; very dark night; would have to cross range of 1,000ft. to 1,500ft. (J.W.St.P.) 16-21/11/47, Silica Flat, near Ward Baths, Rotorua, up to 80 birds, several breeding. (H.R.M., F.M., J.M.C.) Onehunga, 23/1/48, numerous on inter-tidal flats. (E.H.S.) Pio Pio, 1947 season, breeding on swamp near main road,, very pugnacious, cat intimidated. (D.N.L.) Patea-Waverley district, 20/1/48, few on marshy ground. Westshore, Napier, 28/1/48, 80-90. (E.W.D.). Waitotara Beach, hatching on 24/10/47 and 3/11/47; reported with young chicks in swamps, Wanganui city area, 17/12/47; 40 or 50 during winter on Waitotara Beach lagoon; some also on Wanganui Est.; no nests found during spring, 1948, at Waitotara Beach, but two pairs nesting in swamp by railway station. (W.P.M.). Lake Grassmere, 25/8/48, 6-8 pairs in lagoon. (E.W.D.) Waipara River, 23/12/47, 5 or 6 pairs. (E.W.D.) Ashley River Est., 3/12/47, one (G.G.). Otago Harb., near Est., 8/5/48, 40 plus on tidal flats. (D.N.F.C.). Merton mudflats, Otago, 24/11/47, adult and 4 young. (L.E.W.). Shag River mouth, Otago, 28/5/47, 6 or 8 pair. (E.W.D.)

BLACK STILT (*Himantopus himantopus*).—Clevedon River-mouth, 1 on 10/1/48. (A.J.G.) Karaka, 1 on 25/1/48, evidently on passage, not seen again. (D.A.U.) Miranda, 1 on 29/8/48. (H.R.McK., R.B.S.), Omarama, 27/5/48, four seen, two adults and two young still in juvenile plumage, at homestead ponds on Glenbrook Station. (L.G. and B.J.M.). Blackish stilts recorded as follows: Manukau (a) 1 juv. with black throat and belly, but white head, at Harania Creek, 10/6/48 and 18/10/48 (R.B.S.); (b) 1 almost black bird, 15/10/48 (R.B.S.) Firth of Thames, Miranda, 1 had returned on 28/2/48 (H.R.McK.), and another on 29/3/48 to spend the winter as in the past seven years. (R.B.S.).

BLACK-FRONTED TERN (*Chlidonias albibristata*).—One solitary juvenile tern about one mile off Clevedon coast on 16/5/48 was identified as this species. (D.A.U., F.M., H.R.McK.) Waikanae Est., Wellington, 4/7/48, at least 16, possibly many more. (R.B.S.) Palliser Bay, 11/4/48; 5, 30/5/48 c. 12, 3/7/48 3, 25/9/48 none. (J.M.C.) Selwyn Gorge, Cant., 23/11/47 several pairs; Ashley River, Cant., 23/12/47, several. (E.W.D.) Mataura River, Otamita, 26/11/47, four pairs; between Mossburn and Te Anau, 28/11/47, several pairs; between Manapouri and Lumsden, in small numbers. (I.T.)

CASPIAN TERN (*Hydroprogne caspia*).—Rotorua, Silica Flats, max. of 31 during March, after which they dwindled; two adults and a juv. were consistently seen together; the juv. twice fed within an hour on 8/9/48. (M.J.S.B.). Clevedon River, best count for year, 52 on 19/3/48. (A.J.G.) Waitotara Est., 3 on 24/10/47, 2 on 3/11/47, 1 on 19/12/47, 2 on 9/8/48. (W.P.M.) Palliser Spit, 3/1/48, 40-50 with c. 55 young under fortnight old; 11/4/48, none; 30/5/48, c. 7; 3/7/48, 2; 11/7/48, c. 14, not yet on nesting site; 25/9/48, c. 20 resting on nest site, many scrapes on sand. (J.M.C.) Waikanae Estuary, Wellington, 13/2/48, 16, tide out; 17/2/48, high tide, three. (B.I.) Awatere River, Marl., 27/8/48, one flying up and down river. (E.W.D.)

WHITE-FRONTED TERN (*Sterna striata*).—Cape Brett, breeding. (J.S.) Parua Bay, Whangarei, 1948, breeding. (M.H.) Pine Island, Wai-

temata, 2/10/48, c. 200. (O.C.) Clevedon, 1947-48, no large nesting colony, but several small ones about Waiheke, Ponui and the coast. (H.R.McK.) Miranda, Firth of Thames, colony of 700-800 pairs (R.B.S.) Pihama, S. Taranaki, numbers appeared in late Jan., e.g., 40 on 20/1/48, 400 plus on 22/1/48, c. 90 on 27/1/48, after which they disappeared. (B.D.H.) Napier waterfront, 24-29/1/48, very common, diving with gannets. (E.W.D.) Palliser Spit, 3/1/48, c. 490 birds with over 220 chicks, 7 nests still in use; 30/5/48, over 100 birds; 3/7/48, 3; 25/9/48, c. 50, showing no interest in nest site yet. (J.M.C.) Castlepoint, 25-29/3/48, over 200 roosting; 24-26/9/48, only one seen. (V.E.D.) Castlecliff moles, summer, 1947-48, up to 200; none during winter except 4 on 6/8/48. (W.P.M.) Waikanae Estuary, Wellington, 13/2/48, tide out, c 1800; 17/2/48, high tide, c 200. (B.I.) Wainui, Akaroa Harb., Dec., 1947, Jan, 1948, only 8-10 seen each day. (E.W.D.) Ashley River Est., 3/12/47, c. 100; Waimakariri Est., 9/2/48, numerous. (G.G.).

BLACK-BACKED GULL (*Larus dominicanus*).—Parua Bay, Whangarei, 2/11/47, nest on rock almost completed; 23/11/47, 3 eggs; 10/12/47 hatching; 24/12/47, two chicks left and swam out from shore. (M.H.). Hawke's Bay, 1947, one seen with rat, took 10 mins. to kill and half-hour to swallow it. (P.M.B.) Waitotara Beach, mid-Dec., 1947, hatching. (W.P.M.) Muriwai sand dunes, 8/1/48, 20 plus chicks, no eggs; Crusoe Island, Waitemata, 21/1/48, 60 young in water, 12 eggs. (O.C.) Palliser Spit, 11/7/48, c 100 firmly attached to nesting area, no nests commenced; 25/9/48, c a dozen nests nearly complete. (J.M.C.) Upper Rangitara River, 15/11/47, flocks of up to 1000 on nesting sites; Lake Pearson, 19/1/48, several; Bealey River, Arthur's Pass, 20-27/1/48, two. (G.G.) Purakanui Inlet, 3/3/48, pair going through some ceremonial performance at edge of water; bowed alternately, dipping heads in water, sometimes facing each other and sometimes with heads and bodies parallel; at times they changed their actions to squawking and pecking at one another with wings raised over their backs. Then they did a dignified walk from water to sand, came to halt, and re-commenced bowing ceremony which was still proceeding when we had to pass on. (I.T.)

RED-BILLED GULL (*L. novaehollandiae*).—Cape Brett, 1948, breeding. (J.S.) Rocks off Motuihi, 20 nests among *mesembryanthem*, 6 young and 4 eggs still in nests, 21/1/48. (O.C.) Koi Rock, Rocky Bay, Waiheke, c. 16 birds, 6 nests; chicks, 2, 2, 2, eggs 2 addled 1 addled, 1 good (?); the first we have known in this area, but Mr. P. H. Basley reports that they have nested previously at Putiki Bay, Waiheke. (G.K.McK., H.R.McK., F.M.) Maraetai Beach, 1 juv. among adults, 31/1/47. (A.J.G.) Rotorua, steadily increased from February. (M.J.S.B.) Castlepoint, 14/12/47, c 90 birds nesting on rock beneath lighthouse; 55 nests containing 97 eggs and chicks (under a week old); reported to have nested here in 1946 for the first time, rearing young; Palliser Spit, 3/1/48, c. 212 birds, with over 100 chicks mostly 10-20 days, 9 nests still in use; 11/4/48, 3; 16/5/48, at least 5; 30/5/48, c 7; 3/7/48, c 35; 11/7/48, c 90; 25/9/48, c 140 not yet on nest site. (J.M.C.) Waikanae River Est., Wellington, 13/2/48, c 50; 17/2/48, very few. (B.I.) Ashley River Est., 3/12/47, 2. (G.G.) Lake Grassmere, Marl., 25-27/8/48, very common. (E.W.D.) At Long Beach, 14/3/48, motor cycle races being held and about 300 red-billed gulls remain undisturbed on edge of water while motor cycles roared back and forth on sand only a few yards away; races had been in progress more than an hour before our arrival. (I.T.).

BLACK-BILLED GULL (*L. bulleri*).—Miranda, few lingered till 8/11/47. First winter visitors, 14, seen on 14/3/48; winter maximum c 750 was an increase over previous years; c. 33 still present 22/10/48. (H.R.McK., R.B.S.) Rotorua: "An exodus apparently took place during May. Numbers were seen throughout the winter. Influx about Aug., 17th, when 200 plus were counted." (M.J.S.B.) Palliser Spit, 11/4/48, one; 30/5/48, over 16; 3/7/48, 25/9/48, none. (J.M.C.) Lake Lyndon, 19/1/48, several. (G.G.) 1948, slowly spreading from flat ground of

Crookston-Kelso district, Otago, towards higher Moa Flat area, began coming to district four years ago and now appearing more frequently and in larger numbers. (A.J.H.). Mataura River, near Gore, 24/1/47, 25; Mataura R., Otamita, 26/11/47, c 12; between Mossburn and Te Anau 28/11/47, pairs on creeks and rivers; Mararoa River, 30/11/47, c 100; near Mossburn, c 85. (I.T.)

ARCTIC SKUA (*Stercorarius parasiticus*).—Many seen Auckland Harb. summer of 1947-48; once 6 at one time. (M.L.J.). Several in Waiheke waters, 11/11/47. (R.B.S.). Puketutu, 20/1/48, one, dark phase. (P.C.B.). One or two off Waimarama Beach, H.B., 27/3/48. (J.M.C.).

PIGEON (*Hemiphaga novaeseelandiae*).—Cape Brett, 5/6/48, plenty. (J.S.). Parua Bay, Whangarei, 1948, two seen almost daily, sometimes 6 to 8; number in Owhiwa Bush. (M.H.). Moumoukai, Clevedon, well distributed, feeding on supplejack, 18/1/48; along main streams, feeding on fuchsia berries and leaves of small trees, raurekau, mahoe; July, 1948, fairly plentiful, feeding mainly on leaves; 2/8/48 to 22/9/48, always some to be seen. (J.W.St.P.). Minginui: Dec., Jan., feeding on fuchsia berries; increase noted in February, feeding mainly on tawa fruit; common in March, and seen specially on tawa which had an exceptionally heavy crop of berries; April, feeding mainly on kahikatea. (R.St.P.). Lake Waikaremoana, 20-23/11/47, few; near Hunterville, 28/11/47, two. (A.A.S.). Masterton, 26/6/48, one in centre of town. (R.H.D.S.). Day's Bay, Wellington, 13/1/48, seen frequently. (A.A.B.). Otira, 20-27/1/48, common. (G.G.). Maitai Valley, Nelson, 17/11/47, several. (Miss A. Clancy, D.N.F.C.). Upper Maitai River, Nelson, 31/8/48, eight to ten seen in afternoon. (E.W.D.). Wainui, Akaroa Harb., Dec., 1947, Jan., 1948, common; young chick in nest. (E.W.D.). Maori Hill (garden), Dunedin: Monthly records, Jan, 1947, one (one bird), July 2 (1), Aug. 16 (1-3), Sept. 8 (1-2), Oct. 3 (1-2), Nov. 3 (1-3), Dec. 21 (1-4), Jan. 1948, 10 (1-2), Feb. 8 (1-4), March, no records, April 3 (1-2), May 16 (1-4). In Aug. one fed in lucerne while hedge beneath was trimmed. (I.T.). Between Pampolona and Quinton Huts, Milford Sound Track, 24/11/47, several. (Mrs. J. G. Smith, D.N.F.C.). Dunedin, 21/3/48, two eating berries beside busy street. (Miss B. Stewart, D.N.F.C.). Wai-pori Gorge, 10/4/48, ten. (D.N.F.C.). Dunedin, 18/4/48, four on berried holly tree in garden four blocks from Exchange. (Miss E. Farquharson, D.N.F.C.). Roslyn garden, 5/5/48, one on bird table, separated by path from living room window. (Miss M. Boyd, D.N.F.C.).

ROCK PIGEON (*Columba livia*).—Herbert, Otago, 4/12/47, c. 100 following cultivation of field; 16/1/48, large flock feeding in field of recently-sown oats. (S.I.A.)

KAKA (*Nestor meridionalis*).—Parua Bay, Whangarei, 24/1/48, seen in small patch of bush; Owhiwa Bush, three seen recently. (M.H.). Moumoukai, Clevedon, 2/8/48 to 22/9/48, up to four at once seen or heard; a decline in numbers is feared. (J.W.St.P.). Minginui, 2 to 5 fairly often seen. (R.St.P.). Clevedon North, 13/8/48, one heard as it flew over high up; this is unusual now. (G.K.McK.). Lake Waikaremoana, 22/11/47, one digging for grubs. (A.A.S.). National Park, 10/10/47, one heard. (R.H.D.S.). Tangarakau, Wanganui River, 31/12/47, one flying high in twilight. (B.I., J.M.M.). Silverstream, Hutt, early Oct., 1948, two seen in kowhais in several places. (M.O.H.S.). Manapouri, 29/11/47, reported. (I.T.). Between Pampolona and Mackinnon Pass, Milford Sd. track, 24/12/47, seen in flight. (Mrs. J. G. Smith, D.N.F.C.).

KEA (*Nestor notabilis*).—Rough Creek, Arthur's Pass, 19/5/48, three seen. (E.W.D.). Arthur's Pass, 21/8/47 to 2/9/47, ten seen at time above bush line; keas spend nights and early mornings around settlement. (G.G.).

RED-FRONTED PARRAKEET (*Cyanoramphus novaeseelandiae*).—Manapouri, 28-30/11/47, reported. (I.T.)

YELLOW-FRONTED PARRAKEET (*C. auriceps*).—Minginui, small numbers seen daily, 1948. (R.St.P.). Manapouri, 28-30/11/47, reported. (I.T.).

ORANGE-FRONTED PARRAKEET (*C. malherbei*).—Manapouri, 28-30/11/47, reported by Mr. Murrell. (I.T.).

PARRAKEET (*C. spp.*)—Parua Bay, Whangarei, 19/2/48, one about homestead trees for c. 10 mins.; up to 6 or 7 seen in Owhiwa Bush recently; 22/2/48, one flying over bush; 29/2/48, seen again. (M.H.). Moumoukai Valley, via Hunua, 1939 or 1940, flock of 14 on bush hill to N-E of Maungatawhiri Gorge; c. 1945, 1 seen (reports by A. Milne to J.W. St.P.). Mamaku, Rotorua, 15/11/47, 2 thought to be *auriceps*; 17/2/48, 2 seen fairly well at same place almost certainly *novaezeelandiae*; 22/2/48, calls heard at same place. (F.M., M.J.S.B., H.R.McK.). National Park, 17/10/47. (R.H.D.S.). Tangahoe, Wanganui River, 3/1/48 reported present, fresh feather found. (B.L., J.M.M.). Trotter's Gorge, Horse Range, Palmerston South, 18/11/47, at least two. (Mrs. J. A. Moore, D.N.F.C.).

KAKAPO (*Strigops habroptilus*).—Manapouri, 28-30/11/47, reported by Mr Murrell as becoming scarce, last seen by him two years ago. (I.T.). Milford Sound Hostel, 24/11/47, reported seen occasionally about sound. (Mrs. J. G. Smith, D.N.F.C.).

EASTERN ROSELLA (*Platycercus eximius*).—Reservoir Res., Dunedin, 15/4/48, flocks est. c 50 seen in fields of ripening grain. (I.T.). Waipori Gorge, 2/1/48, three. (L.E.W.). Dunedin, May, 1948, up to five at time visited caged rosella. (Mrs. P. L. Moore, D.N.F.C.). Mt. Allen, Central Otago, 2/6/47, reported present during winter, in pairs or up to six. (D.N.F.C.). Mangatua, July, 1948, six to eight seen chasing harrier. (Miss S. Traill, D.N.F.C.).

SHINING CUCKOO (*Chalcites lucidus*).—Parua Bay, Whangarei, 2/10/47, first call; 9/10/47, first seen; 12/1/48, last calls about this date. (M.H.). Moumoukai, Clevedon, first heard 22/9/47, fewer this year. (J.W.St.P.). Moumoukai Valley, Clevedon, first heard 21/9/48 (E.St.P.). Clevedon North: (a) Song heard from 30th July to mid-August; no downward notes at end of song but my family and myself know the cuckoo too well to confuse it with the early spring cuckoo-like call of the thrush; perhaps a young bird which had wintered in N.Z.; 27/8/49, one flew into a tree by the river and a tui already in the tree chased it out. (Mrs. G. K. McKenzie, M.E.McK.). (b) 6/12/47, a party of six seen and heard at 7 p.m. in an acmena tree; 7/12/47, party in same tree at 5.30 a.m.; much chatter made with the shorter calls; 6/1/48, picked up bird evidently stunned by striking window; it recovered and flew away; 19/3/98, last song; 9/9/48, first song, not complete; 10/9/48, full song. (A.J.G., R.J.F.). Clevedon, first songs, 18/9/47, 10/9/48. (H.R.McK.). Clevedon south, 2 birds singing 17/9/48. (L.H.M.). Auckland, 17/2/48, one singing repeatedly full song with down notes. (L. W. Seabrook). Minginui, first heard 7/10/47. (J. W. St.P.). Massey College, 13/9/48, one had been present for some time. (W.F.I.H.). Pihama, singing on 11/10/48. (Mrs. B. O. Heather). Waimangu, Rotorua, first recorded 25/10/44, 26/10/45, 17/11/46, 20/10/47, 30/10/48. (H.P.W.). Thames, 22/9/48, first record. (R.McK.). Gisborne, 1/9/48, first record of season, previous earliest Sept. 12. (R.F.G.). New Plymouth, 18/1/48, one in Pukekura Park eating caterpillars, silent. (E.H.S.). Castlecliff, Wanganui, 15/10/48, heard and seen. (P.G.G.). Masterton, reported first week Sept., 1948. (J.M.C.). Lower Hutt, in bush, 21/9/47, one heard. (D.H.G.). Clifton, Sumner, 1/11/47, first bird of season seen. (G.G.). Dunedin, first call, 23/10/47. (I.T.). Records of first calls heard by D.N.F.C. members: 6/10/47, Upper Leith Valley (J. D. McCraw); 6/10/47, Glenham, Southland (Miss O. R. Cartwright); Whare Flat, 12/10/47 (J. V. Dunkley); 15/10/47, Dalmore (Master A. Perry); 16/10/47, Maori Hill (J. V. Dunkley); 19/10/47, Lower Leith Valley (W. H. Davidson); 6/11/47, Puerua, S. Otago (Miss I. Dent).

LONG-TAILED CUCKOOO (*Eudynamis taitensis*).—Minginui, 24/10/47, first heard during an earthquake. "I have noticed the same thing happen on several occasions. In 1925, down the Wanganui River, when an earthquake was coming, the long-tailed cuckoos, which were very numerous, would set up a terrible noise and warn us." (R.St.P.). 7/12/47, one seen flying with a small bird in its beak. (R.St.P.). Pio Pio, 1947-48 season, one heard. (D.N.L.). Lake Waikaremoana, 21/11/47, one seen, shrieking; on track to Waikare-iti, 22/11/47, four heard; Te Whaiti, 24/11/47, one chased by tui; others calling; waked to Murupara, 25/11/47, saw or heard five; Wairakei, 25/11/47, one heard. (A.A.S.). Waimana, Bay of Plenty, 2/10/47, heard from 3 a.m. till 11 a.m., heard by others before this date. (Miss I. T. Currie, D.N.F.C.). Day's Bay, Wellington, 13/1/48, often heard. (A.A.B.). Arthur's Pass, 20-27/1/48. (G.G.). Dunedin Botanic Gardens, 3/1/48, one seen. (Mrs. J. A. Moore, D.N.F.C.).

MOREPORK (*Ninox novaeseelandiae*).—Lake Waikaremoana, 20-23/11/47, many calling; Te Whaiti, 24/11/47, heard; Taupo, 26/11/47, one heard; Oturere River, 27/11/47, one heard. (A.A.S.). New Plymouth, Jan., 1948, three female blackbirds mobbing owl in Pukekura Park. (E.H.S.). Day's Bay, Wellington, 13/1/48, common. (A.A.B.). Wainui, Bank's Pen, 29/12/47. (E.W.D.). Mokihinui River, Nelson, 5/9/48, heard. (E.W.D.). Dunedin, first week in July, 1948, heard frequently in the evenings, North East Valley. (L.G.). Maori Hill, Dunedin, heard July, 1947, Aug., Sept., Feb., April, May, 1948. Manapouri, 28/11/47; Otama, 30/11/47; Purakanui Inlet, 17/12/47, 13, 15, 26, 28/3/48; Woodhaugh, 29/4/48. (I.T.). Leith Valley, Dunedin, March and April, 1948, heard frequently, on one occasion three. (W. H. Davidson, D.N.F.C.). Ross Creek, 26-29/3/48, calls. (Mrs. J. A. Moore, D.N.F.C.).

LITTLE OWL (*Athene noctua*).—Maori Hill, Dunedin, heard July, Aug., Sept., Oct., 1947, Jan., April, 1948; Otama, Southland, 30/11/47; Purakanui, 17/12/47. (I.T.).

SPINE-TAILED SWIFT (*Hirundatus caudacutus*).—Westport, 4/9/48, five birds flying over, unable to recognise, thought might be this species; on examining museum specimen feel very sure they were this species but cannot be positive. (E.W.D.)

KINGFISHER (*Halcyon sanctus*).—Deep Water Cove, Russell, Sept., 1948, very numerous. (J.S.). Parua Bay, Whangarei, 2/10/47, excavating site for nest, old willow; 15/12/47, nest with young; also one, 4 eggs in beach cliff, only 3ft. from high tide; 22/1/48, latter nest has four young. (M.H.). Maraetai, Clevedon, 3/2/48, one swooped at a red-billed gull which was feeding on the shore and put it to flight; 13/2/48, nest with large chicks, c. 20ft. up in a dead tree, in a hole which had been used the previous year. (A.J.G.). Minginui, increasing. (R.St.P.). New Plymouth, Jan., 1948, heard and seen in Pukekura Park. (E.H.S.). Day's Bay, Wellington, 26/2/48, one in bush. (A.A.B.). Lake Grassmere, Marl., 25/8/48, two. (E.W.D.). Wainui, Akaroa Harb., Dec.-Jan. 1947-8, common along creeks near sea. (E.W.D.). Dunedin, 17/6/47, 19/6/47, 23/8/47, 12, 17, 19, 28, 29, 30/4/48, 19, 31/5/48. (I.T.).

RIFLEMAN (*Acanthisitta chloris*).—Minginui, plentiful through the high country. (R.St.P.). Rotoma Hill, 18/2/48, heard clearly by Mrs. H. R. McKenzie. Bush between Lakes Rotoehu and Rotoma, 21/11/47. (J.M.C.). Puketitiri Bush, H.B., common, 26/3/48. (J.M.C.). Waiouru Desert Road, beech forest, March, 1948, reported numerous. (G.S.). Day's Bay, Wellington, 13/1/48, heard almost daily, often seen. (A.A.B.). Peel Forest, 15/11/47, common. (G.G.). Reservoir Res., Dunedin, 12/9/47, one; Mopanui, 28/3/48, two; Cosy Dell, Dunedin, 4/5/48, one. (I.T.). Dunedin garden, Heriot Row, 19/6/47, one seen. (Mrs. M. Kerr, D.N.F.C.). Cannington Road garden, 19/9/47, pair had nest under roof of tool shed; 23/10/47, several about garden. (Mrs. P. L. Moore, D.N.F.C.).

PIPIT (*Anthus novaeseelandiae*).—Mangakino, 25/4/48, 8 or 9 to be seen at once near township. (L.T.H.) New Plymouth, 1 and 13/1/48, few behind beaches on outskirts of town. (E.H.S.). Eastbourne, towards Pencarrow, 12/1/48, number seen. (A.A.B.) Selwyn Gorge, Cant., 23/11/47; Cass, 14/12/47; Wainui, Bank's Pen., Dec.-Jan. 1947-48, common. (E.W.D.). Dunedin and district, 1/1/48, many records. (I.T.).

NEW ZEALAND THRUSH (*Turnagra capensis*).—Mr. Topp, now living in Castlecliff, gave me an account of last one he had seen in 1923, on edge of forest inland from Patea. (W.P.M.) Mr. L. R. Middleweek reports that on May 7, 1947, between Gisborne and Wairoa he observed a native thrush in a small patch of forest near a school. The bird was in a rama-rama (*Myrtus bullata*) bush. Mr. Middleweek is familiar with all the common birds, and was sure of his identification. (C.J.L.) Nelson district, Jan., 1948, five strange birds, similar in every way to native thrush in Otago Museum, call like that described in books. (E.M.M.). Southland district, 17/12/47, two birds seen appeared to be identical with specimens in Otago Museum. (J.V.D. & C.M.T.).

FERNBIRD (*Bowdleria punctata*).—Parua Bay, Whangarei, 1948, heard fairly frequently. (M.H.) Maungatawhiri Swamp, by Thames Road, 1 calling, 8/11/47. (R.B.S.). Pollen L., Avondale, 2 in manuka, very tame, 14/1/48. (O.C., S.H.). Minginui, present in suitable country. (R.St.P.). Waipoua, one heard on formerly burnt heath area, 6/3/48. (E.G.T.). National Park, 9/10/47, two seen, others calling; Wairarapa Lake, 1/2/48, two seen and heard; 19/9/48, heard. (R.H.D.S.). Matatana Swamp, Wanganui, 8/1/48, 2 with nest of 3 young, others heard. (B.L., J.M.M.).

GREY WARBLER (*Pseudogerygone igata*).—Mt. London Bush, 4/1/48, nest contained well-feathered shining cuckoo. (O.C., P.C.B.). Minginui, 8/1/48, pair seen feeding young shining cuckoo. (R.St.P.). New Plymouth, Jan., 1948, near town and on Mt. Egmont up to 5,000ft. (E.H.S.). Dunedin, 22/7/48, pursuit; 25, 29/7/48, do. (I.T.). Ravensbourne, 26/10/47, nest in tree fern. (Miss J. Ferguson, D.N.F.C.). Mt. Allen, C. Otago, 2/6/47, common in manuka. (D.N.F.C.).

YELLOW-BREASTED TIT (*Petroica macrocephala macrocephala*). Arthur's Pass, 20-27/1/48 and 2/9/48; Otira, 20-27/1/48, common. (G.G.) Dunedin, Waipori Gorge, 1/2/48, six adults and four young. (L.E.W.). Dunedin, Reservoir Res., 24/6/47, female; male singing, 15/4/48, two; Maori Hill, 29/12/47, male, 6/1/48, male; 7/1/48, young female; 8/1/48, male and female; 10/1/48, song; 12/1/48, female; 3/2/48, calls; observed more than usual in garden, though 12 years ago was common; Mopanui, 28/3/48, 2 males, female; Waimumu, Southland, 24/11/47, male in bush; Manapouri, 29-30/11/47, only one seen and one song. (I.T.). Mt. Allen, C. Otago, 2/6/47, male in scattered manuka; Fraser's Gully, 12/7/47, one; Silverstream, 8/10/47, two males, one feeding two young, songs heard; Mt. Cargill Creek, 24/4/48, two males seen, third heard; Waipori Gorge, 10/4/48, three males seen, two others heard. (D.N.F.C.). Between Pompolona and Quinton huts, Milford Sound Track, 23/11/47, seen frequently. (Mrs. J. G. Smith, D.N.F.C.). On 15/10/48 a party arriving in the afternoon camped in a hut at the head of Lake Hawea. After the preparation of two meals a tomtit was noticed on a nest, made in a small box, containing four eggs. A hole in the window had given entry. In attempting to screen the bird from the lantern light it was disturbed, flying off but later returned and continued sitting. (F.L.N., reported by B. A. Vercoe, Queenstown).

PIED TIT (*Petroica m. toitoi*).—Moumoukai, Clevedon, 1947-48, flourishing. (J.W.St.P.). Males seen much more frequently than females in November, December, at Minginui (R.St.P.). Lake Waikaremoana, 21/11/47, pair; 23/11/47, one. (A.A.S.). Pine forest, south of Rotorua, 19/11/47, at least one pair along each mile of road. (F.M., H.R.M., J.M.C.). Puketitiri Bush, H.B., few only, 26/3/48. (J.M.C.). Puakai Ranges, near New Plymouth, 5/1/48, pair feeding young; Mt. Egmont,

7/1/48, twice encountered on lower slopes. (E.H.S.). Day's Bay, Wellington, 2/1/48, pair on hilltop, first for many years in this area, although seen at Butterfly Creek in interim. (A.A.B.).

ROBIN (*Miro australis*).—Minginui, fairly plentiful, 2 to 6 seen daily. (R.St.P.). Rotorua, Paradise Valley Springs, 15/2/48, one at back of gardens; Mt. Ngongotaha, 2/2/48, one; Mamaku Bush, seen and heard throughout. (M.J.S.B., H.R.McK.). Erua, National Park, Owango, Kaitieke, 10-19/10/47, sixteen seen or heard singing. (R.H.D.S.). Wanganui River, vicinity of Tangarakau, 31/12/47, one heard; Tangahoe, 4/1/48, one seen, another heard; Kahura, 4/1/48, one heard; Hiruharama, 5/1/48, one seen, another heard. (B.T., J.M.M.). Silverstream, Otago, 6/10/47, song heard; caretaker reported one hunting for food on lawn. (D.N.F.C.). Whare Flat, 26/3/48, one seen. (L.E.W.). Paradise, Lake Wakatipu, May, 1946, five or six, very fearless; two in beech forest. (E.W.D.). Manapouri, 29-30/11/47, Mr. Murrell reported not many east of Waiau River but more on west side, though seldom on west side of mountains which is too wet for them. In 26 years he had seen only one pair on west side of mountains. (I.T.). Between Poppelona and Quinton Huts, Milford Sd. Track, 23/12/47, numbers seen. (Mrs. J. G. Smith, D.N.F.C.).

FANTAIL (*Rhipidura fuliginosa*).—Parua Bay, Whangarei, 1948, small numbers. (M.H.). North Clevedon, Miss M. Waters reported two black ones to have been about her garden for several weeks about 1940; Mr. H. S. Munro saw one near here in 1892. (H.R.McK.). New Plymouth, Jan., 1948, frequent in many locations in and near town and on Mt. Egmont to 3000ft. (E.H.S.). Masterton, April, '48, one caught on fly paper in kitchen. (G.S.). Carter's Bush, Wairarapa, 29/3/48, six pied and one black seen together. (N.F.S., R.H.D.S.). Lower Hutt, in bush, 21/9/47, seven. (D.H.G.). Akaroa, 23/3/47, on one kowhai 29 counted. (Miss C. White, D.N.F.C.). Wainui, Bank's Pen., Dec., '47, black phase common. (E.W.D.). Dunedin Railway Station, 15/4/48, two black ones hunting for insects among girders unconcerned about trains and people. (J. V. Dunkley, D.N.F.C.). Dunedin, 1/6/47—31/5/48, counts in garden, pied 111, black 31; outside garden, pied 95, black 22. (I.T.); one entered Ohopo tram, 6/4/48, and remained in tram for greater part of section. (Mrs. I. Smith, D.N.F.C.); Octagon, 28/4/48, three in busy period of day (Mrs. J. Hickman, D.N.F.C.). Paradise, Lake Wakatipu, May, 1946, pied phase common, several black. (E.W.D.).

WHITEHEAD (*Mohoua o. albicilla*).—Minginui, abundant, 31/1/48; 3 young birds sitting in a row and being fed by both parents. (R.St.P.). Lake Waikaremoana, 21/11/47, few. (A.A.S.). Ohakune, mt. track, c 4-mile peg, 9/1/48, flock. (W.P.M.). Puakai Ranges, near New Plymouth, 5/1/48, flock of c six in bush. (E.H.S.). Day's Bay, Wellington, 13/1/48, heard daily, often seen in garden. (A.A.B.).

YELLOWHEAD (*Mohoua ochrocephala ochrocephala*).—Dunedin, report of species seen North-East Valley before big snowstorm of 1939, confirmed; only record between 1934 and 1946. Ptano Flat, Waikaia Valley, Dec., '45-Jan. '46, reported. Manapouri, 29/11/47, reported by Mr Murrell as plentiful; moving from valley to valley from year to year. (I.T.). Mt. Cargill Creek, 24/4/48, small flock seen, first time present members of club recorded this species on excursion near Dunedin. (D.N.F.C.). Between Poppelona and Quinton Huts, Milford Sd. Track, 23/12/47, seen frequently. (Mrs. J. G. Smith, D.N.F.C.).

BROWN CREEPER (*Finschia novaeseelandiae*).—Dunedin, June, '47, to April, '48, many records. Waimumu, Southland, 24/11/47, four to six. Manapouri, 29-30/11/47, calls and songs. (I.T.). Mt. Allen, C. Otago, 2/6/47, small flock in manuka. (D.N.F.C.). Jura Place, Puerua, S. Otago, 6/11/47, flock still present. (Mrs. I. Dent, D.N.F.C.).

SILVEREYE (*Zosterops lateralis*).—Parua Bay, Whangarei, 1948, flocks c. 25 during autumn and winter; 15/12/47, nest in coprosma, 2 chicks newly hatched and one egg. (M.H.). Moumoukai, Clevedon,

28/9/47, c. 50 in flock; 13/2/48, first autumn flock of c. 20; July-Sept., 1948, small flocks scattered throughout. (J.W.St.P.). Lake Rotomahana, 19/11/47, flock of over 80 and probably 120, young being fed in locality. (J.M.C.). Mt. Egmont, Jan., '48, up to 4000ft. (E.H.S.). Dunedin, winter of 1947, much smaller numbers than usual; 23/9/47, first record of carrying building material; 26/9/47, first record of carrying food to young; 14/2/48, last record of food carrying. (I.T.)

TUI (*Prothemadera novaeseelandiae*).—Deep Water Cove, Russell, Sept., '48, numerous. (J.S.). Parua Bay, Whangarei, 18/9/47, good spring for tuis, well over 100 in bush within two-mile radius; 10/9/48, only about half as many about this spring, though there is plenty of kowhai. (M.H.). Clevedon, 25/11/47, two fighting on English honeysuckle; one then flew down on the ground and appeared to pick up some shell grit; Wayby, 1/1/48, good dawn chorus, two young just getting throat feathers, still yellow at gape. (H.R.McK.). Moumoukai, 18/1/48, a few young trying to sing; July, 1948, more silent than I have ever known them; Sept., 1948, song resumed strongly. (J.W.St.P.). Minginui, 1/2/48, "Tuis and bellbirds are spending a lot of time chasing cicadas"; 12/4/48, "Tuis and bellbirds seem to be feeding mainly on makomako." (R.St.P.). About 100 in valley of flowering kowhai near Waiwera. (O.C.). Waipapa, 14 miles from Mangakino, 25/4/48, fairly numerous. (L.T.H.). Lake Waikaremoana, 20-23/11/47, plentiful; Te Whaiti, 25/11/47, dawn chorus. (A.A.S.). Lower Hutt, in bush, 21/9/47, one. (D.H.G.). New Plymouth, Jan., 1948, fairly frequent in native and introduced trees in and about town and on Mt. Egmont to 3000ft. (E.H.S.). Day's Bay, Wellington, 13/1/48, common. (A.A.B.). Buller Gorge, 3/9/48, common at Lyell; Mokiniui River, 5/9/48. (E.W.D.). Aniseed Valley, Nelson, Dec., 1946, common on flax; Pelorus Bridge Reserve, 29/8/48; Maitai Valley, Nelson, 31/8/48. (E.W.D.). Otira, 20-27/1/48, common. (G.G.). Wainui, Akaroa Harb., Dec., 1946, very common in bush. (E.W.D.). Dunedin, June, 1947, to 31/5/48, many records, maximum six birds on 10/7/47; Waimumu, Southland, 24/11/47, one; Manapouri, 29-30/11/47, one singing. (I.T.). Milford Sound, 25/11/47, large numbers. (Mrs. J. G. Smith, D.N.F.C.).

BELLBIRD (*Anthornis melanura*).—Moumoukai, Clevedon, 22/9/47, several on "1000 acres" and few on main ridge to Kohukohunui, 2256ft. 18/1/48, thinly distributed throughout bush area; no dawn chorus this season. July, 1948, none seen or heard on "1000" acres for last three months; 2/8/48, some singing on "1000" acres; 7/9/48, many on "1000" acres, song much varied. (J.W.St.P.). Clevedon, 20/8/48, one seen and heard in grounds of Anglican Church, the first reported within 11 miles of Clevedon; it sang readily, even using the "dawn" song. (F.M.). Heard and seen in Vicarage garden on 30/8/48 and 6/9/48 (Rev. and Mrs. R. J. Fenton). Clevedon North, one in a kowhai tree, singing and feeding on 28/8/48, the first known here. (B. F. Duder). Clevedon, 17/9/47, Mrs. P. M. Keeney reported two taking nectar in her garden at Moumoukai; 31/8/48, 1 seen by Mrs. E. B. Fawcett, of Clevedon, on flowering almond tree, very noisy; Rotorua, 15-22/11/47, seen and heard at all parts of district, none found nesting, two deserted nests of season one with eggshells as if eggs eaten by rat; no young birds seen. (F.M.). Waimangu, Rotorua, 8-13/2/48, some "bubble" song; definitely no dawn chorus; 11/2/48, with Mr. P. C. Bull heard some apparently imitating the shining cuckoo; Rotorua, 14-22/2/48, plentiful, no young birds seen. (H.R.McK.). Lake Waikaremoana, 20-23/11/47, fairly common; Te Whaiti, 25/11/47, dawn chorus. (A.A.S.). Day's Bay, Wellington, 13/1/48, heard. (A.A.B.). Wanganui, 1948, feeding on tree lucerne planted in garden 3 years ago, from middle of June till first week in Aug. (W.P.M.). Masterton garden, 12/6/48, female in flowering red gum, first record since bush cleared c. 50 years ago. (N.F.S., R.H.D.S.). Hanmer, 1938-45, common. (E.W.D.). Peel Forest, 15/11/47, common (G.G.). Otira, 20-27/1/48, common; Arthur's Pass, 2/9/48, frequently seen. (G.G.). Wainui, Akaroa Harb., Dec., '47-Jan., '48, very numerous in bush (E.W.D.). Maitai Valley, Nelson, 31/8/48; Pelorus Bridge Reserve,

29/8/48; Mokihinui River, 5/9/48; Lyell and Inangahua, 3/9/48. (E.W.D.) Dunedin, Sept. '47—May, '48, many records; Waimumu, Southland, 24/11/47, many singing. (I.T.). Leith Valley, Dunedin, record from old diary, 23/11/1909, nest found; 24th, first egg; 25th, second; 26th, third egg; 27th, bird incubating; Dec. 8, young hatched. (W. H. Davidson, D.N.F.C.). Ravensbourne garden, Dunedin, 26/10/47, nest found in totara tree, 15ft. up, cup lined with white feathers, two eggs; two more were laid and on Nov. 9 three hatched. (Miss J. Ferguson, D.N.F.C.). Between Lake Te Anau, Quinton Hut and Milford Sound, seen and heard frequently. (Mrs. J. G. Smith, D.N.F.C.).

BLUE-WATTLED CROW (*Calleas cinerea wilsoni*).—Moumoukai, Clevedon, 2/11/47, two together seen making an unusual flight. They soared upwards about 30ft. in about 60 yards after the manner of the tui, planed down gently, then wheeled down sharply into a tree-top. (J.W.St.P., H.R.McK.). Moumoukai, Clevedon, Sept., Oct., Nov., 1947, songs and calls fairly frequent; Dec., 1947, Jan., 1948, only few odd ones heard; Feb., 1948, partial revival of song, seven being heard from Kohukohunui trig at 6 a.m. on 25/2/48; March, April, May, June, July, almost completely silent; I have not known them to be so quiet for so long at this time; from 2/8/48 to 10/9/48, few were seen and heard; 22/9/48, at 8 a.m. six heard singing from different points, 2 others seen, not singing. (J.W.St.P.).

GREENFINCH (*Chloris chloris*).—Onehunga, 23/1/48, c 35 feeding together. (E.H.S.). Moumoukai, 27/2/48, flock c. 20. (J.W.St.P.) Clevedon South, 30/8/48, flock of 6 probably returning to breeding grounds after wintering by coast. (L.H.M.) Dunedin, late summer, eating daphne berries. (W. H. Davidson, D.N.F.C.). Gore, 20-27/2/48, common. (I.T.).

CHAFFINCH (*Fringilla coelebs*).—Parua Bay, Wrangarei, 22/3/48, number feeding on dead insects where burning off carried out few days before; 24/7/48, first song of season; 10/9/48, flock of c. 25. (M.H.). Mt. Waitakaruru, Firth of Thames, close flock of 500-600 on saltings, 27/6/48; I have previously known only loose flocks of up to 100. (H.R.McK.) Mt. Egmont, Jan., 1948, one at 3000ft. (E.H.S.). Dunedin, 25/6/47, opening pods of tutsan and eating seed; 23/3/48, number going over cabbages for white butterfly caterpillars. (I.T.)

GOLDFINCH (*Carduelis carduelis*).—Parua Bay, Whangarei, 6/1/48, fourteen feeding on moon daisy. (M.H.). Dunedin, 25/6/47, feeding on tutsan seeds. (I.T.).

REDPOLL (*C. cabaret*).—National Park, 9/10/47, flock of c. 250. (R.H.D.S.). Northland, Wellington, Sept., 1948, seen in garden. (A.A.B.). Dunedin, not seen in garden all year, from Feb. to May, 1948, noted only four times. (I.T.). Aramoa, near entrance Otago Harb., 8/5/48, very numerous, especially on rushes bordering tidal flats, large flocks seen, one estimated to be 200-250 birds. (D.N.F.C.).

SPARROW (*Passer domesticus*).—Geraldine, 20/1/48, albino. (K.J.McM.). Dunedin, nest contained 20 small antirrhinum plants. (Mrs E. Sutherland, D.N.F.C.).

YELLOW-HAMMER (*Emberiza citrinella*).—Parua Bay, Whangarei, 10/7/47, feeding on grass seed in garden. (M.H.). Clevedon South, 31/8/48, 20 plus eating hay seed. (L.H.M.). Mataitai, 18/1/48, nest, 2 chicks. (H.R.McK.). Moumoukai, 6/1/48, Mr. F. Gibbons found a nest with 2 eggs and 1 chick, one foot from the ground on the top of a little punga. (J.W.St.P.). New Plymouth, Jan., '48, frequent in and near town, showing some preference for lupin areas. (E.H.S.). Dunedin, seldom seen in garden; Gore-Waikiaia-Te Anau-Manapouri, 20-27/11/47, very common. (I.T.)

SONG THRUSH (*Turdus ericorum*).—Clevedon South, earliest nests found 2/8/48, 1 egg; 4/8/48, 3 eggs. (L.H.M.). Waimangu, Rotorua, 9-13/2/48, full song by several birds at all times of day. (H.R.McK.).

27/2/48, Mr. J. L. Muir reported song ceased. Masterton, 10/10/47, clutch of 4 included albino, plumage entirely white, legs pale flesh with a yellowish tendency, bill the same with slightly reddish tendencies in parts, gape yellow, reddish in parts, reddish tongue and throat; yellow flush round eye, which was rather deep ruby pink, pupil little darker. (J.M.C.).

BLACKBIRD (*T. merula*).—Clevedon, 26/7/47, a new unfinished nest, apparently deserted; 3/9/47, two tiny chicks, long dead in the new finished nest. Waimangu, Rotorua, 8-13/2/48, many in full song at all times of day at Mr. J. L. Muir's. Mr. Muir reported the cessation of song on 25/2/48. It is usual to hear late song in high country like Waimangu, but Mr. Muir had not known such a late season as this one. (H.R.McK.). Tarakihi Is., off Waiheke Is., 16/5/48, an old unfinished nest found in a shallow cave.. This seemed strange as the tiny island is covered with scrub and small trees. (G.K.McK.). Mt. Egmont, Jan., '48, up to 3000ft. (E.H.S.). Bellknowes, Dunedin, 11/8/48, one with partly white tail; albino reported some years ago, later one with white "shawl." (Miss M. S. White, D.N.F.C.). Dunedin, 13/7/48, first full song heard. (L.G.). Dunedin, 22/8/47, lace-edged handkerchief built into nest, draped nicely on one side; 23/8/47, nest apparently finished; 28/8/47, first egg; 29th, second; 30th, third egg; incubation started; 16/9/47, eggs hatched; 23/9/47, young gone. (I.T.).

HEDGE SPARROW (*Prunella modularis*).—Parua Bay, Whangarei, 9/12/47, feeding young with insects; 15/2/47, adult with two young; 24/7/48, singing, up to six seen during spring. (M.H.). Gannet I. (Horu-horu), off Waiheke, 1 seen on 11/11/47. (R.B.S.). Dunedin, 2/4/48, several short bursts of full-song given by bird while feeding on ground; 8/4/48, singing again, longer bursts. (L.G.).

STARLING (*Sturnus vulgaris*).—Waitotara township, 24/10/48, bird seen to catch and eat bees entering hive in roof. (J.M.C., J.M.M., J.H.S.). Dunedin, 5/1/48, heard unusual call by starling; saw bird disappearing into tree in flight with a male sparrow hanging on by bill to starling's tail. (I.T.).

MYNA (*Acrodothores tristis*).—Several Ellerslie, 9/10/48. (O.C.). Pairs or small parties quite often seen in Mangere, 1947-48. (R.B.S.). Castlecliff, Wanganui, 1/2/48, one seen. (E.W.D.).

WHITE-BACKED MAGPIE (*Gymnorhina hypoleuca*).—Parua Bay, Whangarei, 9/8/48, one seen. (M.H.). Chateau Tongariro golf links, 15/10/47, two; National Park, two; 16/10/47, Kaitieke, several. (R.H.D.S.). East Cape area, most northerly birds seen just south of Jerusalem, 28/11/47. See also under black-backed magpie. (J.M.C.). New Plymouth, Jan., 1948, reported as rarity, not seen. (E.H.S.).

BLACK-BACKED MAGPIE (*G. tibicen*).—Hunterville, 20/10/47, one seen. (R.H.D.S.). Additional Hawke's Bay localities, 25-29/3/48, Nearly all magpies were of this species inland along Puketitiri and Seafield roads. From Fernhill to Kuraponga (on the Taihape Road), 47 were seen. Of these, nine were not identified, but the remaining 38 were all this species. No more magpies were seen until the end of the "desert" or tussock country. From there to Taihape they were numerous and all white-backed. Fourteen miles south of Hunterville, 15/11/47, one; black band on back wider on right side. White-backed species common here. South of Waipukurau one mated with a white-backed, 30/11/47. (J.M.C.). Mt. Bruce, Masterton, one here for several months, 3/9/48. (E.O.W.).

ROOK (*Corvus frugilegus*).—Hastings, 16-17/11/47, first seen since leaving England 20 years ago. (A.A.S.). Sockburn and Hornby, Christchurch, 1946-47, still common. (E.W.D.).