

NOTORNIS

is the journal of the Ornithological Society of New Zealand (Inc.)

Acting Editor H. A. Robertson,
PO Box 12397,
WELLINGTON

VOLUME 41

PART 1

MARCH 1994

CLASSIFIED SUMMARISED NOTES, NORTH ISLAND, 1 JULY 1991 TO 30 JUNE 1992

Compiled by GRAEME A. TAYLOR and G. RICHARD PARRISH

Classified Summarised Notes (CSN) are a selection of observations provided by 248 members and friends of the Ornithological Society of New Zealand (OSNZ). This year observations were received from all North Island regions and ten members provided individual contributions. A review of the observations submitted suggests that waders and seabirds were the birds studied most frequently by OSNZ members in the past year. The purpose of CSN is to record the results of bird census counts, anecdotal observations of behaviour and to improve our understanding of NZ bird distribution. In general, those observations that do not add to our knowledge of bird distribution as shown in *The Atlas of Bird Distribution in NZ* are ignored. Nest record observations, band recoveries and beach patrol summaries are covered by other OSNZ schemes and usually are not included in CSN. All records from kiwi to herons plus skuas, gulls and terns were collated by GAT, and waterfowl to waders and pigeons to passerines by GRP.

Contributors: J. Adams, D.J. & P.J. Agnew, P.J. Anderson, S. Anderson, J. Angus, B. & D. Appleton, G.J. Arnold, M. Aviss, D.G. Baker, M.A. Barnes, G.F. Bates, P.F. Battley, A.N. Baucke, S. Beadel, B.D. Bell, B. Bell, D. Bell, M. Bell, J.R. Berry, R.W. Bishop, G.G. & L.J. Blackmore, B.W. Boeson, G.L. Bolton, K.R. Bond, D.F. Booth, P.D. Bovill, J. & W. Brake, J.A. Brierley, S. Brow, B. Brown, K. Brown, K.L. Buchanan, B.J. Burch, J. Burke, C. Burt, P. Buxton, M. Bycroft, E.K. Cameron, R.S. Carmichael, R. Carter, S.P. Chamberlin, S. Chambers, J. Chappel, W. Chelley, B. Chudleigh, J. Clark, V.M. Clarke, H.R. Clough, H.A. Cook, R.N. Cotter, S. Cotter, M.T. Craven, R. Cull, P.C. Cuming, D. Cunningham, J. Davenport, A. Davis, A.M. Davis, M. Day, R.W. Dench, J.A. Dennison, T.C. Dennison, Department of Conservation (DOC), J.V. Driessen, G.J. Eller, B.A. Ellis, R. Empson, D.M. Fahey, K.J. Fisher, M.A. Fleming, G.A. Foreman, P.M. Garrett, A. Garrick, A.R. Giblin, A.J. Goodwin, D. Gosling, L.D. Gough, E.M. Graham, M. & S. Graham, G.N. Grant, T.C. Greene, G.P. & R. Guest, R.S. Guest, A.M. Habraken, J.G.

Hamilton, D. & P. Hardy-Green, P. Harrison, K. Haslett, K. Hawkins, B.D. Heather, J.C. Henley, A.L. Hodgson, J.E. Houston, G.I. Hunt, N.E. Hussey, W.M. Hutton, M.J. Imber, J.G. Innes, R. Jackson, B. & M. Jeffries, J. Jolly, C. Jones, G. Kessels, J. Korner, R.E. Lambert, P.C. & R. Latham, D.A. Lawrie, D. Lee, J.L. Lloyd, B. Locke, T.G. Lovegrove, C. Lucas, J. Luke, J.W. Luttrell, A. MacDonald, B. MacNab, J. McCallum, A. McCutchan, G. McGuigan, Y. McKinnon, N.J. McLean, C.F. McRae, M.B. Mackerath, B. Mackerath, C. Madore, V. Marfell, G. Maurel, D.G. Medway, J.C. Medway, W.B. Messenger, R. Messenger, P.J. Miller, C. Mitchell, J.L. & M. Moore, D.M. Morton, A. Munro, M. Neill, R. Neverman, F. & S.M. Nieuwland, J.F. Northe, P. Nutsford, K. Oates, C.C. Ogle, M. Olsen, K.L. Owen, G.R. Parrish, N.C. Peachman, J.R. Pearson, K. Peers, M. Peers, N.A. Perrott, G.M. Peterson, R.J. Pierce, A.V. & J.V. Piesse, B.L. Postill, R.G. Powlesland, E.E. Pratt, G.A. Pulham, G. Randle, W.I. Reid, D.J. Riddell, H.A. Robertson, T.F. Robinson, A.S. & J.M. Rowe, V.M. Rutherford, A.C. Saxby, C.E. Scadden, C. Schischka, L.M. Scott, B. Searle, B.H. Seddon, H. Selderbeek, T. Shaw, W. Shaw, B. Shepherd, G. Sherley, R.B. Sibson, J.H. Sich, D.M. Sim, J. Sinner, R. Sinclair, L. Skelton, V. Skelton, R.S. Skinner, P. & R. Slack, R. Slack, W.H. Sloan, M. Smale, E. Smith, J. Smith, M. Smith, R. & T.A. Smith, J. Snell, H.G. Spencer, K. & N. Spencer, B. Stephenson, A. Stewart, D. & M. Stracy, G. Suckling, N. Tanner, B.M. & M.G. Taylor, G.A. & S.L. Taylor, M.J. Taylor, T. Teasdale, A.J. Tennyson, B.A. Tennyson, P.J. Thomson, K.V. Todd, M. Toohill, O.C. Torr, M. & P.W. Twydale, R. van Heyst, R. Wallace, D.M. Walter, E.R. Ward, R.M. Weston, R. Whittington, S.J. Wilkinson, A. Williams, M.A. Williams, M. Wong, K. Woodley, B.A. Woolley, J. Woon.

OSNZ Group Contributors: H. Andrews, R.M. Aranui, P. Bonis, J. Cheyne, P. Dandy, C. Duffy, B. Gillies, N. Langham, K. Twydale, B. Wright, SAFT = South Auckland Field Trip

Abbreviations: asl above sea level; B Beach; BoI Bay of Islands, c/b colour-banded; E Estuary; FoT Firth of Thames; F Forest; H Harbour, HQ Headquarters; imm/s immature/s; I Island; juv/s juvenile/s; Lag Lagoon; L Lake; NP National Park; pr/s pair/s; Pen Peninsula; Pt Point; Res Reserve; R River; SF State Forest; SFP State Forest Park; SP Sewage Ponds; SR Scenic Reserve; Stm Stream; V Valley; MNT Miranda Naturalist Trust.

Regional Abbreviations: [FN] Far North; [N] Northland; [A] Auckland; [SA] South Auckland; [Wk] Waikato; [BP] Bay of Plenty; [VP] Volcanic Plateau; [G/W] Gisborne/Wairoa, [T] Taranaki; [M] Manawatu; [Wg] Wanganui; [HB] Hawkes Bay; [Wr] Wairarapa; [W] Wellington

BROWN KIWI *Apteryx australis*

[N] Waikaraka Valley, near Whangarei, 2 heard calling on 29-30/6 (PJA). Species currently being surveyed in region by DOC (RJP). [BP] Mangakino Hut, Kaimai-Mamaku SFP, 1 on 26/2 (C.Dunseath, DOC). Ottawa SR, 2 in Nov '91 (D.Brambley per KLO). [G/W] Rakaia, East Cape, lone male called from 0.2 ha of rough roadside scrub on 8/6 (sexed from its call) (JCH). [T] Mt Taranaki: kiwi feathers found in hollow under tussock at 1180m, near junction of Round the Mountain and Kokowhai Tracks, above Ahukawakawa swamp on 12/12; Holly Hut, 3 separate kiwis calling in 15 minutes on 12/12 (CCO). Matemateaonga Walkway, 2 heard in late Jan (KO). [HB] Kaweka SFP: kiwi sign (probes and tracks) found near Makino Hut on 13/10 and Te Puia Hut on 8/4 (BMT); Makahu Saddle East, 2 males

calling in beech forest at 2130h on 23-24/1 (B&DA). DOC survey of Kaweka SFP: Western Kaweka, 15 birds heard on 21-25/5 (JA, CFM, JGH, JRB *et al.*).

LITTLE SPOTTED KIWI *A. owenii*

[N] Hen I, 30+ recorded in March '92, breeding confirmed since 1987/88 introduction (RJP, GRP *et al.*). [SA] Red Mercury I, 3 noted on 26/11-3/12 (SB, SAn).

NEW ZEALAND DABCHICK *Poliocephalus rufopectus*

[FN] L Wahakari, Te Kao, 5 on 21/6 (RJP). Lake near Waipapakauri, 5 on 26/9 (DAL). L Rotokawau, 5 on 23/8 & 12/2 (incl. pr with 2 chicks), 7 on 26/4 (incl. 2 family groups) (GRP, RJP). [N] Kauri, 1 on pond on 28/2 (GNG). [A] L Kereta, 14 on 13/7 (GRP). [SA] Wattle Downs Ponds, Manurewa, 1 on 3/8, last seen on 9/10 (PJA, JVD, ERW). [Wk] L Whangape, 1 on 29/3 (SC). L Karapiro, 4 on 27/4 (AS&JMR). L Rotongata, 4 on 1/4, 2 on 9/4 (SC). L Arapuni, 5 + 1 juv on 17/4 (AS&JMR). Te Kuiti, 3 on temporary pond on 16/9 (NJM). [BP] Matata Lag, 7 on 12/8 (GAT, AJT), 3 on 23/11, 1 on 22/3, 4 on 26/4 (JAB, WMH, PCL, RMW). L Tamurenui, near Kawerau, 7 on 27/10; L Aniwhenua, 6 on 8/9 (JAB). [VP] Hamareha Ls, Waimakariri Rd, Putaruru, 2 on 7/2 (KLO). L Rotoma, 4 on 1/1 (JAB). Sulphur Bay, L Rotorua, 22 in June (RW). L Taupo, between Karangahape Cliffs and Tauranga-Taupo R mouth, 74 adults & 4 juvs on 1/2 (KLO, CJ, JGI, J&WB, AS, MD, PB, RJ). [G/W] Pakarae Swamp, East Cape, 2 on 12/10 (JCH). Te Puia L, 2 on 28/10 (OSNZ). Whakaki Lag, 1 on 29/2, 3 on 22/6 (GAF). [Wg] Kaitoke L, present on 24/8 (OCT). [M] Foxton No.1 L, max 7 + 2 imms on 8/3; Foxton No.2 L, max 5 + 2 imms on 10/11; Moutoa Borrow Pits, 1 on 21/12 & 18/4; Heatherlea Pond, Levin, 2 on 8/3 (JL&MM). L Horowhenua, 10+ on 17/4 (GAT). [HB] DOC/OSNZ survey on 17-19/4 found 394 birds on 41 of 54 lakes and ponds checked in the region (MTC). Putere, 2 on small lake in late Aug (JRB). L Tutira, 17 on 17-19/4 (OSNZ cen), 11 on 30/5 (AJT, SB). North Pond, Westshore, 2-5 seen in winters 1991/92 with 2 present throughout 1991/92 summer (few summer sightings in region recorded in last few years) (ARG, R&TAS). Pumphouse, Ahuriri E, 1 on 17-20/6, unusual in estuary (MJ). Puketapu swamp, 3 on 15/9 & 5/10, re-established after drainage of swamp (R&TAS, JGH, CFM). L Runanga, 41 on 17-19/4; L Kautuku, 11 on 17-19/4; L Oingo, 27 on 17-19/4; L Roto-o-Kiwa, c20km south of Hastings, 22 on 17-19/4 (OSNZ cen). Ocean B, 8 in roadside pond on 30/5 (GA&SLT). L Hatuma, 121 on 17-19/4; L Purimu, 15 on 17-19/4; L Rangitapu, 10 on 17-19/4; Mangahei, near Dannevirke, 10 on 17-19/4 (OSNZ cen). Horseshoe L, 2 on 25/9 (KVT). Long Range L, near Blackhead, 5 on 30/5 (GA&SLT). Blackhead, 2 on farm pond c2km to south on 6/10 (AJT, SB). [Wr] Whangaehu, near Masterton, 12 on farm dam in Feb '91 (VM). Homebush SP, Masterton, 11 on 12/4, 16 on 17/5, 3 on 1/6 (TCD, OSNZ). Homewood, 3 on farm pond on 1/3 (NEH, HAC, JB). Simmond's Lag, pr with 2 chicks on back on 17/11 (D&MS). L Wairarapa, Oporua Floodway exit, 24 on 28/6 is only second record on main lake in 7 years of monthly counts (BDH, HAR). [W] Waikanae R, 1 on river near Otaihangā on 28/7 (AJT). Waikanae SP, 34 on 6/6; Ratanui Ls, Paraparaumu, 2 on 7/12 (AJT, BAT, JL, MAF).

AUSTRALASIAN LITTLE GREBE *Tachybaptus novaehollandiae*

[FN] L Wahakari, 3 on 21/6 (RJP). Lake near Waipapakauri, 5 on 26/9 (DAL). L Rotokawau, 12 on 12/2, 5 on 26/4 (GRP, RJP). Pond south of Kaikohe, pr on 19/11 (GRP). L Owhareiti, 1 on 24/9 (DAL). Jacks' L, Pakaraka, 3 on 20/11 (GRP). [N] Kauri, Whangarei, pr on 1/1 (breeding on farm for past 3 years) (RJP). Now seem well established in Far North (GAT). [A] L Kereta South, attempted to nest in Nov-Dec but nest was preyed upon (BAE).

WANDERING ALBATROSS *Diomedea exulans*

[FN] Three Kings I, 3 offshore on 15/10, 1 on 16/10 (GRP). [BP] Hukuwai B, Opotiki, sub-adult came ashore alive on 11/3, cared for then released at sea on 14/3 (WHS). [M] Foxton B, 3 adults passing north on 28/9 (JL&MM). [W] Tarakina Bay, Wellington south coast, 1 freshly dead on 1/5 (Stage 1 or 2) (I. Biggs per AJT).

BLACK-BROWED MOLLYMAWK *D. melanophrys*

[BP] Between Mayor I and Motiti I, 1 imm on 2/7 & 27/10, 2 imms on 28/10 & 1/11, 1 imm on 21/11 & 1-6/12 then 2 imms on 12-20/12, 1 imm on 5-6/1, 1 imm probably of race *melanophrys* on 17/4 (most of the rest *impavida*), 1 adult *impavida* on 23/5, 1 imm & 1 adult *melanophrys* on 21/6 (JEH). [W] Cook Strait, 1 adult on 1/3 (AJT), 1 on 2/6 (GRP).

WHITE-CAPPED MOLLYMAWK *D. cauta*

[BP] Between Mayor I and Motiti I, either 1 or 2 adults on 6/7 (JEH). [HB] Cape Turnagain, 3 probables offshore on 5/10 (AJT, SB). [W] Cook Strait, 2 on 24/8 (DS), 4 on 15/10 & 19/10 (GAT, AD), 1 on 2/6 (GRP).

SALVIN'S MOLLYMAWK *D. cauta salvini*

[W] Cook Strait, 2 on 15/10 (GAT, AD), 1 on 20/1 (BS).

YELLOW-NOSED MOLLYMAWK *D. chlororhynchos*

[BP] Between Mayor I and Motiti I, 3 adults + 1 imm on 2/7, 1 adult on 6/7, 1 imm on 21/7, 1 adult on 24/7 & 28/7, 2 adults on 30/7, 1 adult + 2 imms on 31/7, 2 adults + 2 imms on 1/8, 2 adults + 1 imm on 15/8, 2 adults on 22/8, last sighting 1 adult on 6/10, 1 adult next seen on 9/6, 1 adult + 1 imm on 18/6, 2 adults on 19/6, 2 imms on 21/6 (JEH).

BULLER'S MOLLYMAWK *D. bulleri*

[FN] Cape Reinga to Three Kings I, 66 on 15/10 on trip out, c50 on 18/10 on return trip, mostly juvs. Birds also present on Rosemary Rocks (GRP). [W] Cook Strait, 2 on 15/10 (GAT, AD).

LIGHT-MANTLED SOOTY ALBATROSS *Phoebastria palpebrata*

[M] Manawatu E, 1 imm blown ashore exhausted, died on 24/8 (DOC).

FLESH-FOOTED SHEARWATER *Puffinus carneipes*

[FN] Cape Reinga to Three Kings I, 2 on 15/10, tens of birds seen on 18/10 (GRP). [N] Tutukaka, c50 feeding over schools of kahawai, c3km offshore on 18/2, in association with c600 Buller's Shearwaters, c1000 Fluttering Shearwaters plus c20 White-fronted Terns, 3 Arctic Skuas and c100 Red-billed Gulls. Other large flocks of seabirds were also present in this area (TCG). Coppermine I, numerous flying about western summit just before dark and calling started after darkness. From 10-15/2, 80% of burrows were occupied. One bird was noted on egg on 12/2 with tuatara also present

in same burrow. Another bird on egg on 15/2, and a small chick with its head missing was found outside a burrow – tuatara predation? (TCG). [BP] Between Mayor I and Motiti I, none seen between 1/7 & 26/9, a few on 27/9, 1 on 3/10, c20 feeding about boat on 6/10, numerous from 12/10 to 24/3, very few seen 26-28/3, none on 31/3, 1 or 2 seen most days in April until 26/4, after which none were seen up to 30/6 except for 2 on 2/5 (JEH). [W] Cook Strait, 6 on 15/10, following a fishing boat (GAT, AD), 4-5 on 1/3 (AJT).

BULLER'S SHEARWATER *P. bulleri*

[FN] Cape Reinga to Three Kings I, hundreds seen on trip out and back on 15-18/10 (GRP). Cape Reinga, continuous flock of 50-100 per minute close to shore on 26/9 (DAL). [N] Piercy I, c200 per hour flying north over glassy water on 5/12 (GRP, PJM). Poor Knights I, c5500 on 16/9 seen on trip out and back, 1000+ on 2/11, c650 on 27/12 (GRP). [BP] Between Mayor and Motiti I, none seen between 11/7 & 12/9 (JEH), several off Mayor on 25-26/9 (RSC), 2 halfway between Mt Maunganui and Mayor I on 27/9, a few on 6-8/10, numerous on 26/10, 1 feeding about boat, slightly oiled and sickly on 1/2, seen regularly from 26/10 to 5/5, only 2 on 14/5, 16/5 & 23/5, none from 26/5 to 30/6 (JEH). [Wr] Castlepoint, c30 offshore on 22/2, most appeared to have inner primary moult and several were feeding by plunge diving after small fish at the surface (AJT, SB). [W] Cook Strait, 2 on 1/3 from ferry (AJT).

SOOTY SHEARWATER *P. griseus*

[BP] Between Mayor I and Motiti I, occasional bird seen on 6/10, a few flying past and 3 eating offal by boat on 8/10, only 1 seen on 11/10 but several on 12/10 & 23-26/10, only a few on 27/10, single bird seen on each of 16 trips between 15/11 & 2/5, 2 on 16/5 & 23/5 then 1 on 26/5, 31/5, 2/6, 9/6 & last seen on 11/6 (JEH). [M] Foxton B, c30,000 passed south between 0645-0730 on 2/12, 1 on 5/4 (JL&MM). [HB] Blackhead-Porangahau, 20-30 per minute passing south on 6/10; Cape Turnagain, c80 passing south in 10 minutes on 5/10 (AJT, SB). [W] Cook Strait, c8 on 23/9 (AJT), several seen on 15/10, 2 on 19/10 (GAT, AD).

SHORT-TAILED SHEARWATER *P. tenuirostris*

[BP] Between Mayor I and Motiti I, 1 fed on offal close to boat on 2/7, another on 10/7 with Fluttering Shearwaters, 1 with Flesh-footed Shearwaters on 15/11, another close to boat on 29/12 (JEH).

FLUTTERING SHEARWATER *P. gavia*

[N] Coppermine I, several heard calling each night over camp on 10-15/2 (TCG). [SA] Red Mercury I, a few heard on 26/11-3/12 (SB, SA). [BP] Papamoa, flock of c100 just beyond breaker line on 24/5 (PCL). Taumaihi I, near Motiti I, nesting on 18/2 (KLO). Whale I, c20 seen offshore on 28/12 (PCL). [Wg] Wanganui R mouth, 12 on 17/4, c5km offshore (GR). [M] Foxton B, c500 passing north on 22/12, c100 on 1/1 & 3/5 (JL&MM). [Wr] Castlepoint, 1 probable offshore on 22/2 (AJT). [W] Rauoterangi Channel inside Kapiti I, passing north at 40/min at 0800 on 5/3 (HAR). Cook Strait, 10-100 on 15/10 (all had light brown plumage above and white underwings), 50-100 on 19/10, flying south and eastwards across strait (GAT, AD).

HUTTON'S SHEARWATER *P. huttoni*

[Wr] Castlepoint, c12 probably this species flying south on 22/2 (AJT). [W] Waikanae B, 2600 *huttoni/gavia* offshore on 8/12 (AJT). Cook Strait, small numbers on 23/9 (AJT), none seen on ferry crossing on 15/10, 1 on 19/10 (very black plumage above, darkish head and underwing) and c10 probables, mostly heading north 1-2 km off Tory Channel entrance (GAT, AD), small numbers on 1/3 (AJT).

LITTLE SHEARWATER *P. assimilis*

[SA] Red Mercury I, several on 26/11-3/12 (SB, SA). [W] Nga Manu, Waikanae, 1 pale-faced fledgling recently found on local beach on 7/12 (AJT).

COMMON DIVING PETREL *Pelecanoides urinatrix*

[FN] Cape Reinga, 2 offshore on 26/9 (DAL). [A] Kauwahaia I, Te Henga, 3 caught on 6-7/7 (GAT, AJT). [BP] Mayor I, numerous on 25-26/9 (RSC). Between Mayor I and Motiti I, no records kept until 1/2, from then to 26/3 none were seen, a few seen on 27-28/3 then numerous on 31/3, none seen on either 5/4 or 7/4 but birds were seen regularly from 8/4 to 30/6 (JEH). Mt Maunganui, 1 imm landed in car saleyard on evening of 30/11, released safely on 1/12 (PCL). Motuotau I, 1 old egg in burrow on 11/8 (AJT, GAT). [W] Cook Strait, several at Tory Channel entrance on 15/10, none on 19/10 (GAT, AD).

BLACK PETREL *P. parkinsoni*

[BP] Between Mayor I and Motiti I: all seen near Mayor I, most near boat taking offal, 1 on 27-31/12 then 2 on 6/1, 1 on 15/1, 27-29/1, 4/2 & 20/2, 4 on 5/3 all feeding about boat halfway between Mt Maunganui and Mayor I (JEH).

WESTLAND PETREL *P. westlandica*

[W] Cook Strait, 1 on 15/10 & 19/10 (GAT, AD).

KERGUELEN PETREL *Lugensa brevirostris*

[T] Waitara, 1 ashore on 6/8, later died (DGM).

CAPE PIGEON *Daption capense*

[FN] Cape Reinga to Three Kings I, 8 on 15/10, 4 on 18/10 (GRP). [BP] Between Mayor I and Motiti I, 1 on 2-6/7, 2 on 7/7 & 10/7, 1 on 14-16/7, 2 on 19/7, 3 on 20/7, 2 on 21/7, 1 on 22/8, 4 on 31/8, none seen between 1/9 & 24/4, 1 on 25/4 & 28/6 (JEH). [W] Cook Strait, only a few seen on 24/8 from ferry (DS), 1 on 15/10, 2 on 19/10, 1 on 17/11 (GAT, AD, AJT, SB).

ANTARCTIC PETREL *Thalassoica antarctica*

[W] Otaihangā, 1 exhausted on 23/9 (P.Mckenzie per AJT).

ANTARCTIC FULMAR *Fulmarus glacialisoides*

[BP] Motiti I, 1 c4km north on 2/7 (JEH).

SOUTHERN GIANT PETREL *Macronectes giganteus*

[BP] Off Motiti I, single all dark bird with greenish bill tip was hand fed from boat on 10/7, 14/7, 19-20/7 & 1/8, presumably an imm, possibly the same bird was hand fed at boat on 6/1 at Mayor I (JEH). [T] New Plymouth, 1 ashore on 13/8, released later (DGM).

NORTHERN GIANT PETREL *M. halli*

[FN] Cape Reinga to Three Kings I, 4 on 15/10, 2 on 18/10 (GRP). [BP] North of Motiti I, single all dark bird with pinkish bill tip close to boat on 25/6 (JEH). [T] New Plymouth, 1 ashore on 30/12, released later (DGM). [W] Nga Manu, Waikanae, 1 with red bill tip, dark plumage to bill base, recently brought in exhausted on 7/12 (AJT). Wellington H, near Korokoro Stm, 1 being harrassed by Black-backed Gulls on 5/4 (SC). Cook Strait, 7 on 24/8, none on 1/3 from ferry (DS).

GIANT PETREL *Macronectes* sp.

[BP] Between Mayor I and Motiti I, single birds of indeterminate race seen on 15/8, 31/8, 11-12/9, 8/10 & 9/12, 2 on 22/8, none of these was tame and able to be hand fed at the boat (JEH). [T] Oakura, 1 ashore on 7/8, released later (DGM). [M] Foxton B, 1 on 29/9 & 18/3 (JL&MM). [HB] Porangahau, 3 dark phase offshore on 6/10 (AJT). [W] Cook Strait, 1 on 15/10, none on 19/10 (GAT, AD).

FAIRY PRION *Pachyptila turtur*

[FN] Poor Knights I, c700 on 16/9 & 2/11, seen on trip out and back, c250 on 27/12 (GRP). [BP] Mayor I to Motiti I, none seen on numerous visits to this area from 1/3 to 22/5; Mt Maunganui to Mayor I, 1 on 23/5 & several on 9/6; Karewa I, several offshore on 18/6; Motiti I, numerous c4km north on 2/7, then 1 seen on 31/7 & 22/8 but few sightings between 22/8 & 1/3 (JEH). [W] Cook Strait, 100's in mid-strait at 1730h on 15/10, none at 0730h on 19/10 (GAT, AD), hundreds seen from ferry on 20/1 (BS).

PRION sp

[M] Foxton B, 5000+ passed south between 0700-0730h on 2/12 (JL&MM).

BLUE PETREL *Halobaena caerulea*

[BP] Mt Maunganui to Motiti I, 1 seen on 12/9 with white tail tip obvious in overcast conditions and 12 knot northerly wind (JEH). [T] Bell Block, 1 ashore on 5/8, later died (DGM).

PYCROFT'S PETREL *Pterodroma pycrofti*

[N] Coppermine I, several heard calling each night over camp on 10-15/2 (TCG). Hen I, small number ashore in March '92, flying overhead at night (RJP). [SA] Red Mercury I, 55 banded on 26/11-3/12 plus 1 recapture of bird banded in 1990 (SB, SA).

COOK'S PETREL *P. cookii*

[A] Bethells B, 1-2 calling in flight over beach each evening at 2124h-2144h on 18-22/12. One petrel was seen to sweep low over Kauwahaia I, calling loudly then headed NE flying up over hills behind O'Neills B (GAT). [BP] Off Mayor I, several "Cookilaria" petrels, probably this species, were seen in very wet weather on 31/12 & 1/1 (JEH).

BLACK-WINGED PETREL *P. nigripennis*

[FN] Motuopao I, colony visited 21-23/1, has extended in area during past 2 years (RJP). [N] Piercy I, pr on 4/12 seen copulating inside burrow entrance (PJM, GRP).

GREY-FACED PETREL *P. macroptera gouldi*

[FN] Harakeke I, 1 fledged chick with down on head on summit on 5/12, birds back cleaning burrows on 11/5; Motutui I, birds back cleaning burrows on 11/5 (GRP). [N] Piercy I, probably 100+ prs, several birds feeding chicks on 4-5/12 (GRP, PJM). [BP] Between Mayor I and Motiti I, 1 on 2/7, several on 21/7, 1 on 15/8, several on 22/8, 1 on 31/8 then none seen from 1/9 to 30/6 (JEH). Motuotau I, many on eggs on 11/8 (AJT, GAT, WIR). Ohope B, 1-2 responding to war-whoops on 17/4 (AJT, SB). [T] Carr's Rd, Urenui, first birds arrived at 1801h on 10/5. At least 30 were flying about, very vocal and responded well to war-whoops. Several burrows showed signs of recent use. Of 20 birds examined none were banded despite banding at colony last season (DGM *et al.*). [W] Cook Strait, 5 probable on 17/11 (AJT).

WHITE-HEADED PETREL *P. lessonii*

[Wr] Pukio, near Martinborough, 1 found dead on 5/7 had flown into a power pole (DMS).

WHITE-FACED STORM PETREL *Pelagodroma marina*

[FN] Cape Reinga to Three Kings I, 3 on 15/10, 1 on 18/10 (GRP). Motuopao I, few heard overhead at night on 21-23/1 (RJP). [N] Poor Knights I, 4 on 16/9, 5 on 2/11 on trips out and back, 3 seen on trip out and 9 on return on 27/12 (GRP). [A] Tiritiri Matangi I to Great Barrier I, birds common at sea on 20/1 (EKC). [Wk] Dinsdale, Hamilton, 1 on 28/1, was fed on fish but died (PCC). [BP] Between Mayor I and Motiti I, several on 31/8, 12/9, 8/10 & 12/10, from 26/10 to 29/1 they were commonly seen though becoming noticeably less over the last week of Jan, none were seen on 1-2/2, a few seen on 4/2, 1 on 6-7/2 then none seen between 8/2 & 30/6 (JEH).

BLUE PENGUIN *Eudyptula minor*

[A] Te Henga B, 100's of footprints in cave at south end on 8/7 (AJT). [SA] Red Mercury I, common in Lunch Bay at night on 26/11 to 3/12 (SB, SA). [BP] Motuotau I, several nesting on 11/8 (AJT, GAT, WIR). Off Whale I, fewer than 10 seen on visits to the island on 23/11 & 28/12 (JAB, PCL). [G/W] Kaiti B, Gisborne, 1 on 31/8 (MAW). [HB] Westshore, 1 crossing main road at 1945h on 1/1. Penguins are known from nearby Napier H but unusual to see them in Ahuriri E or crossing main road (RS). [Wr] Mataikona B, north of Castlepoint, pr nesting in Dec '90 (JA). [W] Mana Inlet-Pukerua Bay, 12 seen on 26/1 (MP, KP). Kaiwharawhara, 2 uncovered by earth-moving equipment on 26/6 (M. Tonks per AJT).

FIORDLAND CRESTED PENGUIN *Eudyptes pachyrhynchus*

[W] Kapiti I, 1 moulting in boatshed on 14/2 (RGP). Wellington H, (Frank Kitt's Park), 1 picked up, banded and released on 31/10 (RE).

ERECT-CRESTED PENGUIN *E. sclateri*

[HB] Blackhead B, 1 moulting imm present 22/2-3/3 then died (K&J Condliffe per AJT).

AUSTRALASIAN GANNET *Morus serrator*

[FN] Ninepin Rock, 29 roosting on 5/12, plus 3 partial nests; Bird Rock,

Cape Brett, 120 on 4/12, incl. 1 nest with egg & 3 partial nests (GRP, PJM). Pinnacles, Poor Knights, seen on most islets on 17/2, with large numbers of young exercising wings in nests (TCG). [A] Hauraki Gulf, 3 juvs feeding (plunge diving) with 2 adults near Rangitoto light on 28/2/90 (RGP). Muriwai, c700 nests, comprising 400 on cliffs & 300 on rock stack (MJT). [BP] Mt Maunganui to Mayor I, 1 imm on 5/3 (JEH). [G/W] Moutara Rock, Tolaga Bay, estimated 400 prs breeding on 26/10 (OSNZ). Kaiti B, Gisborne, 1 on 29/6 found with band (from Cape Kidnappers colony, banded 31 years ago) (JCH). [M] Foxton B, max c200 passed south between 0630-0730h on 2/12; Manawatu E, c10 well inside estuary on 17/4 (JL&MM). [HB] Westshore, 2 huge flocks (100s perhaps 1000s) fished close inshore (often up to beach) on 23/11. Flocks followed fish shoals in association with gulls, terns & c5 dark shearwaters (Flesh-footed?) (ALH, MTC). Clive, large flock offshore from rivermouth on 24/11 (R&TAS). Black Reef and Cape Kidnappers, very few birds present around 27/7 but all flat rocks were occupied by 10/8, birds were nest-building. Colonies fully occupied and large chicks present on 24/11. On 6/2, many birds still nesting, some downy chicks & imms attempting flight (R&TAS, KVT). [W] Cook Strait, 4 on 19/10 (GAT).

BROWN BOOBY *Sula leucogaster*

[FN] Houhora H, 1 present since Sept '90, had moulted into adult plumage by June '92 (RJP, JS).

BLACK SHAG *Phalacrocorax carbo*

[SA] Manukau H: 15 on 8/12 (AJG, MJT, OSNZ cen). FoT, 8 on 10/11, 16 on 7/6 (AJG, OSNZ cen). Port Waikato, 75 on 5/4 (AMH). Coromandel H, 9 on 9/4 (AV&JVP). [Wk] L Waahi, 83 on 25/4 (PDB *et al.*). Hamilton L, max 16 on 11/4 (MAB *et al.*). Waikato Hydro Ls: evenly distributed, ranging from 10 on L Waipapa on 25/3 to 129 on L Ohakuri on 23/3. Many juvs and adults in breeding plumage seen, though no nests (JM&ASR). [BP] Kaituna Cut, 4 nests in pines on 12/8 (AJT), 2 nest building on 15/9; Maketu E, 19 on 4/1; Matata, 10 on 26/4 (PCL). [G/W] Whakaki Lag, 52 on 5/1 (GAF). [T] Mamaku Rd L, 11 on 19/4 (GA&SLT). Tuihu SF, colony of c12 birds nesting in tops of mature rimu trees, chicks present on 15/9; Kaiaua Stm, near Egmont NP, up to 8 nests in mature rimu trees, chicks present on 15/11 (WBM, RM). [Wg] Wanganui E, 24 on 5/5 (TT). [M] Manawatu E, max 25 on 7/6 (JL&MM). [HB] Kaweka SFP, present at 1486m asl at Mangaturutu/ Venison Top on 21-25/5 (CFM, JGH); bird flew upstream past Harkness Hut on 24/5 (HAR). Ahuriri E to Tukituki E, 115 on 17/11 (double previous summer counts for past 5 years), 66 on 27/6 (OSNZ cen). Large numbers present at Ahuriri E: 44 on 17/11, 50 on 30/5, 31 on 27/6 (OSNZ cen, AJT, SB) and Waitangi E: 50 on 17/11, fishing flock of 20 on 24/5, 21 on 31/5 (OSNZ cen, M&PWT, GA&SLT). East Clive, 1 chased by magpie on 22/7, 23 on sewer outfall on 27/7 (KVT). DOC/OSNZ wetland survey on 17-19/4: 153 noted at 15 of 50 localities surveyed. Typically counts of up to 12 birds at each location but 43 at L Oingo, 25 at Horseshoe L & 27 at L Hatuma (OSNZ cen). [Wr] L Wairarapa, monthly max 59 on 26/1 (BDH, HAR).

PIED SHAG *P. varius*

[FN] L Ngakeketa, Te Pahi, 5 adults + 6 juvs (nearly fledged) on 22/8 (GRP). [N] Smugglers Bay, 43 on 13/5 (incl. 12 sitting on nests) (GRP). [A] Pollen I, Auckland, c25 on 12/4 (EKC). [SA] Manukau H, 120 on 8/6 (AJG, MJT, OSNZ cen). Bottletop Bay, Papakura, colony now spread further downstream towards carpark on 9/9 (ERW). Port Waikato, 65 at river mouth on 6/7, 50 at port on 5/4 (SAFT, AMH). Red Mercury I, 30 + on 1/12 roosting at dusk in Shag Bay (SB). Whitianga, failed to nest for second season on Whitianga Rock (MBM). [Wk] Hamilton L, 1 juv on 24/9 (ASR), 1 on 11/4, 2 on 26/4 (MAB). Oparau Stm, near Kawhia, 8 occupied nests, 22 adults, 7 large chicks, 3 subadults on 10/12 (ASR *et al.*). [BP] Tauranga H: Bowentown shellbanks, 10 on 7/6 (PCL); Tuapiro, 34 on 10/11 (JRP); Mt Maunganui, 19 roosting in pohutukawas at dusk on 11/8 along with 14 Little & 1 Little Black Shag (AJT). Brewis Shoals, off Motiti I, a sub-adult on 11/2 feeding on offal and scraps about boat and out-competing the Flesh-footed Shearwaters (JEH). Taumaihi I, near Motiti I, present on 18/2 (KLO). Kaituna Cut, 19 nests in pines on 12/8 (AJT), c50 nest-building in pine trees on 15/9; Matata, 12 on 26/4 (PCL). Tarawera R mouth, 18 on 23/11, 28 on 22/3, c30 on 26/4 (WMH, RMW, PCL), 1 flying inland with nesting material on 9/2 (RMW). Whale I, 10-15 nests in McEwen's Bay on 1/4 (KLO). Ohiwa, 10 on 23/11; Waiotahi, 13 on 22/11 (WHS, GM). [G/W] East Cape to Gisborne survey: total of 201 on 26-28/10. Breeding colonies at Kuratau (13 occupied nests), Koutunui Head (11 nests), South Koutunui Head (36 nests), Tolaga Bay (30 nests), Moutara Pt (10 nests), Waihau B (18 nests) (OSNZ). Oraka, Mahia, 4 on 14/6 (GAF). [W] Waikanae E, 1 from 16/10-24/11 & 29/3-6/4 (AJT, JS).

LITTLE BLACK SHAG *P. sulcirostris*

[FN] Motuone I, Te Puna Inlet, c40 on 11/5 (GRP, TS). [N] High I, Whangarei H, 22 on 13/5 perched in pohutukawa (GRP). [A] Hobson Bay, wintering flock of 200-220 on 9/6 (MJT). [SA] Kawakawa Bay, 50 resting on reef on 9/9 (JVD, AJG). FoT, 7 on 10/11, 22 on 7/6 (AJG, OSNZ cen). Wharekawa, FoT, 30 on large shingle lake on 4/6 (BS). Port Waikato, 50 on 5/4 (AMH). Whitianga, 56 roosting on Whitianga Rock on 9/7, 59 feeding off Buffalo B on 10/7, down to 11 on 14/10 & 1 on 9/11 (MBM). [Wk] L Waahi, 11 on 25/4 (PDB *et al.*). L Karapiro, 64 on 27/4; L Arapuni, 43 on 17/4; L Ohakuri, 20 on 23/3 (AS&JMR). [BP] Maketu E, 12 on 24/11, 6 on 4/1 (KLB, PCL). Rangitaiki E, 32 on 22/6/91 (WMH). [VP] Sulphur Bay, L Rotorua, c54 on 21/4 (GAT). Whirinaki R, 1 amongst dense podocarp forest on 2/6 (AJT, SB). [G/W] Whakaki Lag, 24 on 25/10 (GAF). [T] Mamaku Rd L, Waitara, 1 on 19/4 (GA&SLT), 3 on 10/6 (DGM). [Wg] Kaitoke L, 10 on 10/11; Virginia L, 1 on 11/4; Wanganui E, 20 on 5/5 (TT). [M] Manawatu E, c25 on 28/9, c45 on 2/5; Foxton No.1 L, 10 on 4/8 (JL&MM). L Horowhenua, mixed flock of c150 Black and Little Black Shags flew across lake on 17/4 (GAT), flock of c60 on 2/6 (D&MS). [HB] Ahuriri E to Tukituki E, 53 (almost all at East Clive) on 17/11, 11 on 27/6 (both counts much lower than usual) (OSNZ cen). Ahuriri E, 55 on 9/9; Waitangi E, 31 on 5/9 (GRP), max c230 on 18/3 (KVT). DOC/OSNZ wetland survey on 17-19/4: 101 recorded at 3 of 50 ponds/lakes surveyed with 15 at L Runanga & 81 at L Hatuma (OSNZ cen). Porangahau, 8 on 10/11, 26 on

27/6 (OSNZ cen). [Wr] Henley Ponds, Masterton, 1 on 29/5 (GA&SLT). L Wairarapa, 61 on 11/4 (BDH, HAR).

LITTLE SHAG *P. melanoleucos brevirostris*

[N] Paparahi I, Mimiwhangata Bay, 14 nests in pohutukawas on cliffs on 9/12, most had fledged chicks by 7/1 (GRP). [Wk] L Waahi, 15 on 25/4 (PDB *et al.*). Waikato Hydro Ls: the commonest shag, from 25 on L Waipapa on 25/3 to 282 on L Arapuni on 17/4 (AS&JMR). [BP] Tauranga H: Bowentown, c40 on 7/6 (PCL); Tuapiro, 46 on 10/11 (JRP). Maketu E, 16 on 24/11 (KLB), 15 adults & 6 nests on maimai in estuary on 4/1; Little Waihi E, c20 on 8/9 (PCL). [VP] L Rotoehu, 1 with white head & nape on 12/8 (AJT, GAT). [G/W] Whakaki Lag, max 99 on 29/2 (GAF). [T] Mamaku Rd L, 11 on 19/4 (GA&SLT). [M] Foxton No.1 L, max 10 on 10/11 (JL&MM). [HB] Ahuriri E to East Clive, 28 on 17/11, 78 on 27/6 (OSNZ cen). Neilson Ls, Te Awanga, 13 nests (3 occupied) in old willow + 45 birds incl. a few Black Shags on 4/12 (BMT). DOC/OSNZ wetland survey on 17-19/4: 83 recorded at 10 of 50 ponds/lakes surveyed with 16 at L Runanga & 47 at L Hatuma (OSNZ cen). [Wr] L. Wairarapa, normally <5 on main lake (BDH, HAR). [W] L Puketawhaino, 4-5 active nests on 24/11 (AJT, SB).

SPOTTED SHAG *Stictocarbo punctatus*

[A] Erangi Pt, north of Te Henga B, 7+ on 8/7, many collecting nest material (AJT). [SA] Manukau H, 24 on 8/7 (AJG, MJT, OSNZ cen). Taramaire, FoT, 2 imms on 7/1 (SC). Big Bay, Colville H, 6 on 10/11 (AV&JVP). [BP] Mt Maunganui, a juv/subadult at harbour entrance on 18-21/6, the 3rd record of species in region (JEH, PCL). [M] Foxton B, 1 at sea on 23/5 (JL&MM). [HB] East Clive, max 32 (highest count in recent years) at sewer outfall on 21/7, many with crests (M&PWT), 24 in Aug (ARG), 17 on 5/9 (GRP), none on 17/11 (OSNZ cen), 6 on 18/3 (earliest arrival date in recent years) (ARG), 18 on 20/6 (MJ). Black Reef, Cape Kidnappers, 12 on 10/8 (TAS). [W] Paekakariki, 2 with crests, sitting on rocks south of town on 26/6 (D&MS).

WHITE-FACED HERON *Ardea novaehollandiae*

[SA] Manukau H, 485 on 8/12 (AJG, MJT, OSNZ cen). FoT, 140 on 10/11, 138 on 7/6 (AJG, OSNZ cen). Coromandel H, 18 on 26/6 (AV&JVP). [Wk] Waikato Hydro Ls: from 2 on L Atiamuri on 22/3 to 14 on L Arapuni on 17/4; L Karapiro, 38 feeding on weed beds exposed by low water levels (AS&JMR). [BP] Tauranga H: Bowentown, 15 on 7/6; Tuapiro, 28 on 10/11; Matahui Pt, 20 on 10/11 & 7/6; Omokoroa Golf Course, 30 on 10/11, 10 on 6/6 (PCL, JRP, RSC, JD, MS). Kaituna Cut, 30 on 24/11 (BC). Maketu E, 20 on 7/9 & 24/11, max c120 on 4/1 (KLB, PFB, PCL). Little Waihi E, 42 on 24/11 (GG&LJB). Whale I, 1 on 28/12 (RMW). Ohiwa, 10 on 13/10 (PCL). Waiotahi, 36 on 22/11 (WHS, GM). [G/W] Whakaki Lag, max 86 on 5/1 (GAF). [T] Whangamomona, 1 in farm paddock on 19/4, only sighting from car along 120 km of SH 43 (GA&SLT). [HB] Ahuriri E, 57 on 17/11, 53 on 27/6; Waitangi E to Tukituki E, 20 on 17/11, 9 on 27/6 (OSNZ cen). East Clive, 1 on 18/3 seen with small flounder, while trying to swallow this was pursued by a Pukeko; Taradale/Hastings, occasionally visit garden fish ponds (KVT). DOC/OSNZ wetland survey on 17-19/4: minimum of 17

counted at 9 of 50 ponds/lakes surveyed (OSNZ cen). Swamp Rd, Fernhill, c70 on farm in mid-Aug, feeding on crayfish in drains (MTC). Porangahau E, 26 on 10/11, 5 on 27/6 (OSNZ cen). [Wr] Ahikouka Rd, Greytown, 35 on dairy farm on 7/5 (MW). L Wairarapa, monthly max 43 on 7/7 (BDH, HAR).

WHITE HERON *Egretta alba*

[FN] Parengarenga H, 1 on 21/6 (RJP). Pukenui, Houhora H, 1 present, takes food from the hand (JS). [N] Waipu E, 1 on 29/9 with several reports in previous weeks, apparently stayed over summer (GRP). [SA] Wattle Downs Ponds, Manurewa, 1 on 20/7, 2 from 3-28/8, 1 last seen on 28/10, 1 on 1/6 (DJ&PJA, BJB, JVD, DAS, CS, ERW). Mahia Inlet, 1 on 26/4 (DAL, AMH). [Wk] L Whangape, NE end, 1 feeding on 24/12 & 26/4 (DAL, AMH). [BP] Matata, 1 on 13/7, 2 on 4/8 & 11/9, 1 on 15/3, 22/3 & 26/4 (JAB, WMH, JD, PCL, K&NS). Tarawera R mouth, 1 on 12/8 & 18/4; Bennett's Bridge, Awaiti Wetlands, 1 on 12/8 (AJT, GAT). [G/W] Wairau Lag, 1 on 21/7; Whakaki Lag, 1 present from 25/4 to 21/6 (GAF). [M] Manawatu E, 1 on 27/10 & 12/4, also visited Foxton No.1 & No.2 Ls on 27/10 (JL&MM, WC). L Horowhenua, 1 from 2/7 to 17/8 (D&MS, MO, AJT). [HB] Westshore Lag, 1 on 8/7 (M&PWT). Meeanee Game Farm, 2 from 13/7 to 25/8 (RN, CFM, JGH), 1 on 20-27/6; Awatoto, 2 on 20/6, 1 feeding in corn-stubble near beach on 27/6 (MJ, OSNZ cen). Waitangi E, 2 on 2/5, 1 on 27/6 (M&PWT, OSNZ cen). Clive/Tukituki E, 1 from 14/7 to 29/7, 2 from 10/8 to 2/11, none on 17/11 (TAS, BMT, M&PWT, OSNZ cen), 4 on 11/9 (GRP). Haumoana, 1 on 22/4 first sighting for season (BMT). There were 4 White Herons present in South Napier area on 20/6 & 27/6, the largest number seen for many years (OSNZ cen). [Wr] L Wairarapa, 1 by the Barrage Gates on 31/5 (LDG, HAR). [W] Waikanae Lag, 1 on 1/12 & 23/2 (JS, MAF).

LITTLE EGRET *E. garzetta*

[FN] Parengarenga H, 1 on 21/6 (RJP). Unahi Rd, Rangaunu H, 4 on 7/7 (GNG, GRP, RS). [A] Ambury Park, Mangere, 1 throughout spring (HRC, KH). [SA] Wattle Downs Ponds, Manurewa, 4 on 27/7 & 29/8, 3 on 19/9, 2 on 8/5 & 6/6 (DJ&PJA, BJB, CS, ERW). Miranda, 1 on 21/2 (AJG, BHS, KH). [M] Manawatu E, 1 on 6/2, 12/4 & 7/5 (WC, P&RS). Foxton No.1 L, 1 on 15/9 & 22/9 (JL&MM, WC). [HB] Waitangi E to Tukituki E, 1 seen frequently from 14/7 to 20/11 (JGH, TAS, BMT *et al.*), 1 present again from 16/5 to 27/6 (GRP, MJ, TAS, BMT, OSNZ cen). L Poukawa, 1 on 17/4, first sighting for season (very early for the region) and first record at this locality (MJ, BS).

REEF HERON *E. sacra*

[FN] Te Werahi Stm, 1 on 1/1 (GRP). Parengarenga H, 3 in Jan-April (RJP, GRP). Houhora H, 1 on 26/9, 3 on 11/2 (perched on boat wreck) (DAL, GRP). Mangonui, 1 on 25/9 (DAL). Pekaheka Bay, 1 on 9/2; Pear Tree Bay, 1 on 11/4 (CB). Whangaroa, 2 on 25/9 (DAL). Takou Bay, 1 on 25/4; Black Rocks, 1 on 6/12 (GRP). Paihia, 3 on 27/9 (DAL). [N] Paparahi I, 1 nesting on 9/12, gone by 7/1; Tutukaka H, 1 on 2/11; Otarawa I, pr nesting on 22/12, chick banded 28/12 (GRP). Taiharuru E, 1 on 1/1 (GA&SLT). Lady Alice I, 1 on 26/12 (GRP). Whangarei H: Calliope I, 3

birds plus 3 empty nests on 14/12, none on 22/12; Motukaroro I, 6 on 14/12, 1 adult & a chick found predated plus another nest with 2 cold eggs were present on 22/12; Limestone I, 1 on 14/12 (GRP). Ruakaka E, 1 from 2/2 to 29/3 (CB, JS, GNG, GRP). Waipu E, 1 on 20/6 (JS). [A] Whangaparapara H, Great Barrier I, regular sightings of 1 or 2 (EEP). Mechanics Bay, Auckland, 1 on 3/11 on eastern breakwater (EKC). Bethells B, 2 dead c1 week (AJT). [SA] Orua Bay, Manukau H, 1 on 17/12 (DAL). Gordon's Rd, Awhitu Pen, 1 on 5/5 (AMH). Duder's B, Maraetai, 1 on 25/8 (NCP). Motukaramea I, pr reported to have nested on wharf used to load shingle; Pakihi I, several prs present (JM). Whitianga, single birds seen every month of year, 2 at Whitianga E on 17/3 & 6/4, 3 on 14/5 (MBM). [Wk] Ruapuke, 1 on 4/8 (PCC). Kawhia H, 1 on 26/6 at Te Waitere (BAW). [BP] Tauranga H: Bowentown shellbanks, 1 on 7/6 (PCL); Mt Maunganui, 1 flying over township, probably between Rabbit I where they nest and the harbour where they feed, on 7/3 & 13/3 (AM, PCL); Mt Maunganui entrance, 1 seen occasionally from 6/3 to 21/6, max 3 on 23/5 (JEH). Maketu E, 1 on 2-4/1; Little Waihi E, 1 on 26/4 (PCL). Ruatuna Rd, Ohiwa H, 1 on 23/11 (WMH). Ohiwa, 1 on 23/1; Waiaua E, 1 on 26/9 & 22/11 (WHS). [G/W] Pourewa I, Tolaga Bay, 1 on 26/10, the only one seen on survey from East Cape to Gisborne (OSNZ). Oraka, Mahia, 1 on 16/11 (GAF). Aurora Pt, Mahia Pen, 1 on 31/5 (AJT, SB). [T] Waiongana E, 2 on 11/1 (RWB). Cape Egmont, 2 on 3/5 (DGM, JCM). [HB] Ahuriri E, 1 from 29/7 until early Nov then 1 on 3/5 (R&TAS, OSNZ). Single bird has visited the estuary in winter for many years (MTC). Kairakau B, 1 on 30/5 (GA&SLT). Cape Turnagain, 1 on 5/10 (AJT, SB). [Wr] Mataikona, 1 on 6/11 (TCD). Palliser Bay, 1 on 31/5 (LDG, HAR). [W] Plimmerton, 2 on 20/8 near quarry (EMG). Mana I, 3 on 19/10 (DS). Wellington H wharves, 1 present mid-March to April, 1 on 30/8 (AJT, JSi). Owhiro Bay, 1 on 14/12 (AJT).

CATTLE EGRET *Bubulcus ibis*

[FN] Unahi Rd, Rangaunu H, 100 on 7/7, 77 on 19/8 (GRP, RS, GNG). [N] Portland, 20 on 20/7, 13 (in breeding plumage) on 27/10 (GRP). Gilbert Rd, Mata, 8 on 3/8 (GNG). [A] Little Barrier I, 3 on 27/10/89 flew into Te Marea-roa at 1330h and flew off at about 1500h. All were in full breeding plumage (orange coloured feathers on head, neck and down middle of back) (RGP, TCG). Mangere SP, 1 in breeding plumage on 2/1 (AJT). [SA] Aka Aka, 86 on 1/8, 200 on 8/9, flew to roost in trees on island, 140 on 20/10 in maize stubble, 21 on 17/11 (JVD, DAL, AMH, AJG, NCP). Piako, 97 on 4/7, 111 on 25/8, 85 on 29/8, 13 on 2/5, 35 on 7/6, 22 on 28/6 (AJG, ASR, BS, F&SMN, OSNZ cen). [Wk] Rangiriri, Churchill East Rd, from 257 in Aug down to 2 showing some breeding colour in late Nov, to 146 on 21/6 (BAW *et al.*). Onion Rd, Horotiu, 7 on 29/3 (MAB). L Ngaroto, 77 on 20/7, 6 in March, up to 31 on 18/6 (RWD *et al.*). [BP] Tauranga H: Tuapiro, 1 in full breeding plumage on 7-8/11 & 3/1 (JRP); Matahui Pt, 1 on 7/6 (RSC). Kaituna Cut/Maketu, 27 on 12/8 & 15/9, 3 in breeding dress at Kaituna Cut & 1 at Maketu on 24/11 (AJT, GAT, PCL, KLB). Greig Rd, Tarawera R mouth, 48 on 28/6/91, 27/7 & 30/8, 40 on 13/10, 25 on 26/6 (WMH, PCL). Kukumoa, Opotiki, 5 from 5/7 to 23/9, 4 on 16/10, 2 on 6/1 (they remained all summer), 3 on 2/5, 5 on 7/5, 6 on 25/5, 5 on 5/6 (WHS). [G/W] Parkers Lane, Gisborne, 11 on 24/8 in suburb (JCH,

MAW). [T] Awakino, 6 on 31/8 (VS, LS). Waitara, 9 on 28/6, the only birds recorded from the New Plymouth area this year; Omata, 24 on 3/8 (DGM *et al.*). Tangahoe R, 7 on 14/9 (WBM). [Wg] Whangaehu B Rd, 21 on 8/5 (BM). [M] Foxton/Whirokino, 100+ on 2/7 near viaduct (on SH 1), c135 on 14/8, c120 on 24/8, last sighting c70 on 10/11, first sighting 52 on 2/5, c50 on 17/6, flock of 60+ on 26/6 (D&MS, AJT, JL&MM). Ashhurst, c6 on 2/12 seen from road to Palmerston North (JL&MM). Waitarere, Levin, 7 on 22/1 (MO). [HB] Swamp Rd, Fernhill, 18 on 6-20/8, 16 on 22/9, 9-10 until late Nov, 2 on 15/5 (MTC, CFM, JGH, JRB). Birds have shifted out into hill country where remaining dairy herds are present as the flat ground which they formerly visited has been developed for horticulture (MTC). Maraekakaho Rd, west of Hastings, 20 on 15-17/7 (JA, BMT). Te Hauke, 34-40 on 10-14/8 (JRB, JA), max 43 on 22/9, a record count (JGH, CFM), 29 (14 well coloured) on 10/11 (M&PWT), 14 on 2/12 (JLM), 7-8 in full breeding plumage on 10/12 (very late for birds to remain in this district) (JRB). Arlington Rd, Waipukurau, 11 on 10/8 (OSNZ cen). [Wr] Featherston, 27 on 17/11 on Murphy's Line (HAR).

AUSTRALASIAN BITTERN *Botaurus poiciloptilus*

[FN] Te Werahi Stm, 1 flushed on 25/10 (GRP). Lake near Waipapakauri, 2 booming on 25/9 (DAL). Rangiputa, 1 on 30/12 flying across paddock (GNG). Kerikeri R, 1 flushed from salt marsh on 18/3 (TS). [N] Mimiwhangata, 1 on 18/7 (GRP, RJP). Blacksmiths Crk, Whangarei H, pr with juv on road in Nov '91 (T.Evans per GRP). Pouto Pen, 1 on 5/8 in Glinks Gully area (PJA). Tauhoa, Kaipara H, 1 on 11/4 (GRP). [SA] Maioro—mine site, 1 on 8/9, reported to be booming on lower Waikato islands (DAL). Kopuku, 5 on 14/7 (PJA). Kairito, FoT, 1 on 7/6 (AJG, OSNZ cen). Whenuakite R, 1 on 29/1 (MBM). [Wk] Paeroa, 1 crossing main road by railway crossing on 2/5 (DMF). L Waahi, 7 on 25/4 (PDB *et al.*). Taupiri, 2 on 15/12, 1 on 20/4 (PCC). L Arapuni, 3 on 17/4 (AS&JMR). Tiritirimatangi Pen, Kawhia, 1 booming in swamp on 10/12 (ASR). Buried Forest, Pureora, 1 calling quietly after dawn on 31/5 & 1/6 (GP&RG, RSG). [BP] Matata Lag, 1 on 31/1/91 (KLO), 1 on 13/7, 26/4 & May (PCL, JAB). Awaiti Wetlands, 1 on 21/2 (RMW). Tarawera R mouth, 1 on 27/7 (WHM). Thornton, 1 on 22/6/91 & 11/4 (WMH, RMW). Ohiwa, 1 on 23/11; Kukumoa, Opotiki, 1 on 1/7 & 16/5 (WHS). [VP] Te Akau Rd, L Rotoiti, 1 in Feb '91 (D.F. Dunlop per KLO). [T] Bell Block SP, 1 on 27/7 (DGM). Omata, 1 on 31/1 (RWB). Nowell's L, Hawera, 1 on 2/3, 2 from 30/3 to 8/6 (AMD). [M] Foxton, 1 in marshes near works depot on 10/3 (D&MS). Foxton No.1 L, 1 on 8/3; Whirokino, 1 on 2/5 (JL&MM). [HB] Westshore Lag, 1 on 21/9, 4/3, 20/3 (bird possibly carrying nesting material) & 2/5 (ACS, NAP, LMS). Ahuriri E, several sightings of 2-5 birds from 20/10 to 1/6 in top section of estuary, 5 on 6/2 may have been family group (RS, JGH *et al.*). Puketapu swamp, 1 from 29/7 to 5/10 (TAS, CFM). L Runanga, 2 on 16/4, only birds recorded in DOC/OSNZ wetland survey (OSNZ cen). East Clive, 2 on 13/7 & 28/11, 1 booming mid afternoon on 1/1, 1 on 15/2 & 29/4 (M&PWT, ARG, R&TAS, YM, RW). Muddy Crk, Clive, 1 flushed on 16/5 (GRP). Te Awanga Lag, 1 on 21/4 (first record); Waimarama Rd swamp, east of Havelock North, 1 flying over pond on 13/10 (BMT). [Wr]

L Wairarapa, 2 on 26/1 (BDH, HAR). [W] Waikanae R, at Otaihanga, 1 seen on 4 occasions in early July (JS).

GLOSSY IBIS *Plegadis falcinellus*

[Wk] Churchill Rd, Rangiriri, 1 with Cattle Egrets in July-Aug (WIR *et al.*). [M] Kerekere Rd, near Foxton, 4 in wet paddock on 2-6/10 (TFR, RC). [Wr] L Wairarapa, Tauherenikau R to Oporua Spillway, 1 seen in most monthly counts (BDH, HAR).

ROYAL SPOONBILL *Platalea regia*

[FN] Great King I, 2 on 15-16/10, circling rock stack in Tasman Bay, later roosting with nesting Red-billed Gulls. New record for Three Kings group (GRP, GS). Te Hapua, Parengarenga H, 33 on 20/8, 45 (3 c/b) on 11/6, 40 on 20/6 (GRP, RJP). Unahi Rd, Rangaunu H, 54 on 7/7, 3 in breeding plumage on 27/10, 64 (4 c/b) on 11/6 & 20/6 (GRP, GNG, RJP). [N] Port Whangarei, 1 on 17/4, 9 on 20/4 then 17 (1 c/b) on 10/5 to end of May (GNG, GRP). Waipu E, 2 on 20-21/6 (JS, GRP). [A] Mangere Ponds, flock of 47 on 9/10, declined to 17 on 7/11 & 8 on 15/11, none over summer, then 4 on 5/4, 7 on 12/5, 22 on 13/5 (HRC, RBS). [SA] Clarks B SP, 2 present from May to mid-July, 1 disappearing for 2 weeks (DAL). Gordon's Rd, Awhitu Pen, 2 on 7/2, 1 on 5/5 (AMH). Miranda, 1 on 19-20/4 & 13-14/5 (AJG, OSNZ). Whitianga E, 3 on 18/5, not banded (MBM). [Wk] Tiritirimatangi Pen, Kawhia, 3 on 6/7 (HGS, WIR), 5 on 8/6 (VMC). [BP] Waimapu E, Tauranga H, 3 on 14-15/3 (per KLO). Kaituna Cut, 10 (1 c/b) from 12/8 to 15/9, 6 on 12/10, 3 on 27/10, 2 on 22/3, 9 in May (PCL, AJT, ES, RMW, JAB). Little Waihi, 4 roosting on sandbar with oystercatchers on 26/4 (PCL, JHS). Matata, 1 on 20/10, 23/11 & Dec, 3 on 21/2, 4 on 15/3 (RMW, JAB, K&NS). Ohiwa H, 1 from 11/7 to 30/10, last seen 21/11, 2 on 16/4, 3 on 22/4 (WHS, GM, PCL). [G/W] Waiapu R mouth, 8 on 25/8, 7 on 29/9 (JCH, MAW). Muriwai Lag, Gisborne, 1 on 3/5 (JCH, MAW), 6 on 27/5 (JGH) & 20/6 (GAF). Mangawhio, Mahia, 1 on 11/1 (JCH). Whakaki Lag, 11 on 25/8 & 12/10, 3 on 29/2 (GAF), 8 on 17/4 (AJT). Korito Lag, 9 on 21/6; Wairoa E, 14 on 6/7 & 8/9, 5 on 9/11, 6 on 1/6 (birds regularly move between Wairoa E and Whakaki and Korito Lags) (GAF, GRP). [T] Waitara R, 1 on 28/6 (DGM *et al.*). [Wg] Wanganui E, 4 on 1/9, max 13 on 18/4, 5 on 26/4 (OCT, GR). [M] Manawatu E, 10 on 17/11, 8 on 19/3, 13 on 26/3, max 47 on 13/4, 33-35 from 29/4 to 2/6 (WC, MP, KP, D&MS, JL&MM). [HB] Ahuriri E, 22 from 29/7 to 12/8 (PWT, TAS), 20 on 5-9/9 (GRP), down to 6 on 20/10 & 4 on 17/11 (RS, MT, OSNZ cen), 1 on 6/2, 2 on 4/3 (CFM, ACS) increasing to 13 on 29/3 (R&TAS), 20 on 17/4 (AJT, SB), max 23 (incl. 4 imms) (observed catching flounder) on 24/4 & 2/5 (M&PWT, BDH, KVT), 20 on 27/6 (OSNZ cen). Porangahau, 1 on 27/6 (OSNZ cen). [Wr] L Wairarapa, 1 on eastern shore on 26/1 & 6/2 (HAR, CES, BWB), 6 on 22/3, 20 on 11/4 (incl. c/b juv) (HAR), 10 flying along eastern shore on 2/5 (JWL). L Onoke, 3 on spit on 22/11 & 6/2 (CES, DMS). [W] Waikanae E, bird caught and swallowed a small flounder on 27/10 (AJT), 3 from 27/10 to 23/1, 7 on 3/3, 3 on 10/3, 4 on 5/4 (AJT, JL, JJ, D&MS, EMG, BM). Pauatahanui E, 1 on 6/7 (JL). Aotea Lag, Porirua H, 1 on 30/3 (per AJT). Somes I, 2 on 19/3 (RNC).

MUTE SWAN *Cygnus olor*

[Wg] L Virginia, Wanganui, 2 on 6/9 (TT), 4 on 17/4 (GA&SLT), 2 on 19/5 (DS). [HB] Seen on 5 out of 50 wetlands surveyed on 15-17/4, highest numbers: Patoka, Ngaroto Wetlands, 7; L Te Pohue, 2; L Poukawa, 2; Horseshoe L, 2; Murphy's Pond (Waipukarau-Porangahau Rd), 2 (OSNZ cen, DOC). Game Farm, Meeanee, 2 introduced on 6/6 (R&TAS). [W] Te Horo, 1 in pond by road on 12/10 (AJT).

BLACK SWAN *C. atratus*

[FN] L Owhareiti, c1000 on 20/11; Jack's L, Pakaraka, 44 + 8 cygnets on 20/11 (GRP). [A] Te Ngaio Pt, Kaipara H, 290 on 22/2 (GNG). [SA] Tuakau SP, 54 on 6/7 (DAL). Whangapoua H, 140 between Owena & Matarangi on 20/6 (SAFT). [Wk] L Whangape, NW arm, 200 on 16/2 (DAL). L Waahi, 164 on 25/4 (PDB *et al.*). Waikato Hydro Ls survey: from 8 on L Maraetai on 25/3 to 48 on L Arapuni on 17/4 (AS&JMR). [BP] Tauranga H: Athenree/Bowentown, c600 on 10/11, 1000 + on 18/4, 200 on 7/6 (PCL, AJT); Aerodrome Bay, 25 on 10/11, 71 on 7/6 (GG&LJB). Matata, 54 + 5 juvs on 23/11 (RMW), 25 on 26/4 (PCL). [G/W] Whakaki Lag, max monthly count 1029 on 22/6 (GAF). Gisborne/Wairoa, population stable at c1200 (JCH). [T] Mamaku Rd L, c21 on 19/4 (GA&SLT). [M] Foxton No.1 L, max c150 on 25/8, c60 cygnets on 10/11; Foxton No.2 L, max c30 on 2/1; Moutoa, max c70 on 18/4 (JL&MM). [HB] North Pond, single flock of c500 in flight on 28/3 (M&PWT), c500 on 2/5 (BDH, KVT). Seen on 39 out of 50 wetlands surveyed on 15-17/4, total 3142 (OSNZ cen, DOC). Largest populations on L Tutira, 280; L Runanga, 600; L Poukawa, 400; Horseshoe L, 200; L Hatuma, 750. Ahuriri E, 199 on 9/9 (GRP), c100 on 3/12 (JLM), c400 on 25/2 (YM, RW). Ahuriri/ Westshore, 365 on 17/11 & 1510 on 27/6 (OSNZ cen). Tukituki R, c100 south of Havelock North on 25/3 (KVT), no previous records from this area (MTC). Porangahau E, 30 on 10/11 (OSNZ cen). [Wr] Henley L, Masterton, 128 on 29/5 (GA&SLT). Homebush SP, Masterton, 200 + on 12/4, 300 + on 1/6 (TCD). [W] Waikanae SP, 119 on 6/6 (AJT, BAT, MAF).

CANADA GOOSE *Branta canadensis*

[FN] Houhora H, 47 on 21/6 (RJP). [SA] Tuakau SP, 28 on 6/7, 52 on 12/1 (DAL, AMH). Kopuku, 14 on 27/7 (DJ&PJA). Hikuai, 1 on 11/10 (MBM). [Wk] L Whangape, 71 on 16/2 (DAL). L Waahi, 820 on 25/4, continuing a marked increase in recent years (PDB *et al.*). Hamilton L, 1 on 12/10, 2 on 22/2 & 11/4 (MAB *et al.*). L Arapuni, 2 on 17/4 (AS&JMR). [BP] Omokoroa Golf Course, 55 on 6-7/6 (RSC, MS). Taumaihi I, Motiti I, 2 nests on 18/2 (KLO). Kaituna Cut/Maketu E, 29 on 12/8 (AJT, GAT), 15 from 7/9 to 4/1; Little Waihi, 20 on 26/4 (PCL). Matata Lag, 1 on 12/8 (AJT, GAT), 33 on 15/12 (RMW). [G/W] Waipau R, 28 on 27/10 (OSNZ). Whakaki Lag, max 960 on 5/1 (GAF). Wairoa area, 916 on 10/2, annual trend count, up on last year (JCH). [T] Mamaku Rd L, 49 on 19/4 (GA&SLT). [M] Foxton No.1 L, max 21 on 4/8 (JL&MM). [HB] Present on only 3 out of 50 wetlands surveyed on 15-17/4, L Te Pohue, 2; Longacre L, 10; Huatokitoki Dam, 30 (OSNZ cen, DOC). Westshore Lag, 11 on 8/7 (M&PWT) & 27/6 (OSNZ cen). Tukituki E, 1 on 17/11 (OSNZ cen), 2 on 6/2 (NAP, MTC) & 17/4 (M&PWT). Porangahau E, 1 on 10/11, 43 on 27/6 (OSNZ cen). [Wr] Homebush SP, Masterton, 15 on 24/4 (TCD), L

Wairarapa, usually over 200 on eastern shore in each monthly count (BDH, HAR). [W] Waikanae SP, 8 on 6/6; Waikanae E, 1 from 28/7 to 28/6 (AJT *et al.*).

PARADISE SHELDUCK *Tadorna variegata*

[SA] Manukau H, 18 on 8/12 (OSNZ cen, AJG, MJT). Kidds, Karaka, 40 on 19/5 (AMH). FoT, 16 on 10/11, 11 on 7/6 (OSNZ cen, AJG). [Wk] L Whangape, 1000 on 16/2, 243 on 13/3 (DAL). L Waahi, 177 on 25/4 (PDB *et al.*). Waikato Hydro Ls survey: from 17 on L Atiamuri on 22/3 to 290 on L Karapiro on 27/4 (AS&MJR). [BP] Matata, c100 on 13/7 (PCL), 228 on 18/4 (AJT, SB). [G/W] Makauri, 500+ on 28/8; Gisborne/Wairoa, 1200-1300 on 10/2, annual trend count, up on last year (JCH). Maungawhio Lag, max 888 on 5/1 (GAF). [T] Mamaku L, Waitara, at least 650 on 23/12, at least 1000 on 9/1, probably moulting flock – the largest reported at this locality (DGM), 222 on 19/4 (GA&SLT). [HB] Present on 27 out of 50 wetlands surveyed on 15-17/4, total 1271, highest counts: L Runanga, 730; L Kautuku, 186; Horseshoe L, 60 (OSNZ cen, DOC). Ahuriri E, 95 on 17/11, 10 on 27/6 (OSNZ cen). Tukituki R, c100 south of Havelock North on 25/3 (KVT). [Wr] Whareama, c660 on paddocks on 22/2 (AJT, SB). [W] Paraparaumu SP, 58 on 6/6 (AJT, BAT, MAF).

BLUE DUCK *Hymenolaimus malacorhynchos*

[Wk] Upper Ongarue Stm, pr on 24/5 (RWD *et al.*). [BP] Opuiaiki R, above Te Rereioturu Falls, 1 on 4-6/2 (W.Taylor per KLO). Ngatuhua Stm, 3 on 28/1 (B.Wishart per KLO). Omanawa R, 3 on 14/3 (J.Stump per KLO). [G/W] Otoko, 2 on 5/1; Waikohu R, 2 on 4/6 (JCH). [T] Waiwhakaihō R gorge, Egmont NP, 1 with transmitter on 31/10 (CCO). [Wg] Maunganui-a-tao R, pr on upper section with 4 chicks on 20/11 (DC); near Horopito, pr, female in moult; near Pukekaha, another pr observed on 8/2 (OSNZ). [HB] Toropapa R, 2 on 12/1 (per MTC).

MALLARD *Anas platyrhynchos*

[Wk] L Waahi, 225 on 25/4 (PDB *et al.*). Hamilton L, 104 + 56 juvs on 12/10, 985 on 22/2, 1131 on 11/4 (MAB *et al.*). Waikato Hydro Ls survey: from 4 on L Waipapa on 25/3 to 1770 on L Karapiro on 27/4, the commonest species on these lakes (AS&JMR). [BP] Athenree, c150 on 7/6 (PCL). Omokoroa Golf Course, 30 on 7/6 (RSC). Maketu E, c200 on 4/1 (PCL, PFB). Little Waihi, c100 on 26/4 (PCL). Matata, 54 on 23/11 (RMW), c300 on 26/4 (PCL). Edgecumbe SP, 550 on 1/12 (RMW). [G/W] Whakaki Lag, 284 on 23/11, c2800 on 29/2, c1350 on 21/6 (GAF). [T] Mamaku Rd L, 100's present on 19/4 (GA&SLT). [Wg] L Virginia, Wanganui, pr with 17 ducklings on 13/9 (TT). [M] Manawatu E, max c800 on 2/5 (JL&MM), many 100's (1000?) sitting on mud at low tide on 26/6 (D&MS). Foxton No.1 L, max c500 on 6/2 (JL&MM). [HB] Seen on 27 out of 50 wetlands surveyed on 15-17/4, total 3522, largest counts: Neilson L, Te Awanga, 402; Rangitapu L, 300; L Hatuma, 446 (DOC, OSNZ cen). North Pond, c600 on 2/5 (KVT, BDH). Ahuriri/Westshore, 323 on 17/11, 552 on 27/6; Waitangi E - Tukituki E, 100 on 17/11, 113 on 27/6 (OSNZ cen). Tukituki R, c200 south of Havelock North on 25/3 (KVT). Ocean B, 50-100 in roadside pond on 30/5 (GA&SLT). Porangahau E, 71 on 10/11, 50 on 27/6 (OSNZ cen). [W] Waikanae SP, c650 on 6/6 (AJT, BAT, MAF).

GREY DUCK *A. superciliosa*

According to The Atlas of Bird Distribution in NZ, this species was widespread in NI and the 1981 NZ population was estimated at 1.2 million birds. Where are they hiding? Records are needed of all sites with 10 or more birds (GAT). [Wk] Waikato Hydro Ls survey: evenly distributed from 9 on L Karapiro on 27/4 to 36 on L Whakamaru on 24/3 (AS&JMR). [BP] Matata, c10 on 26/4 (PCL). [M] Foxton No.1 L, female with 6 juvs on 27/10 (JL&MM). [HB] Present on 10 out of 50 wetlands surveyed on 15-17/4, total 39 (OSNZ cen, DOC). Kaweka FP, 1 on Mohaka R on 8/4 (BMT). East Clive, 3 on 17/11, none on 27/6 (OSNZ cen). [W] Waikanae E, 2 on 6/11, 4 on 19/11 (JL), 2 on 10/3 (D&MS).

GREY TEAL *A. gracilis*

[FN] Jack's L, Pakaraka, 26 on 20/6 (GRP). [SA] Tuakau SP, 98 on 6/7 (DAL). Miranda, 3 on 5/1 (SC), 30 on 6/2 (D&MS), 15 on 13/3 (BHS), 13 on 13-14/5 (MNT per AJG). FoT, 55 on 7/6 (OSNZ cen, AJG). [Wk] L Whangape, 20 on 16/2 (DAL). L Waahi, 43 on 25/4 (PDB *et al.*). Hamilton L, 5 on 28/4; L Karapiro, 10 on 27/4; L Ohakuri, 2 on 23/3; L Whakamaru, 6 on 24/3 (AS&JMR). [BP] Maketu E, 10 on 4/1 (PCL). Waihi E, 26 on 20/2 (KLO). [VP] Kapenga Swamp, Rotorua, 4 on 26/3 (KLO). [G/W] Whakaki Lag, 230 on 29/2 (GAF). [T] Mamaku Rd L, 2 on 19/4 (GA&SLT). Nowell's L, Hawera, 1 on 2/3; L Ratapiko, 5 on 3/3 (AMD). [M] Manawatu E, c140 on 14/7, 2-6 from Nov to March, c55 on 5/4 increasing to c400 on 24/5 then c300 on 21/6; Foxton No.1 L, 2 on 24/8 (JL&MM). [HB] Present on 24 out of 50 wetlands surveyed on 15-17/4, total 912, highest counts: Ngaroto Wetlands, 58; Valley Rd Pond (Hastings), 73; Horseshoe L, 122; Rotorunga, c100; L Hatuma, 253 (OSNZ cen, DOC). Ahuriri-Westshore, none on 17/11, 71 on 27/6 (OSNZ cen). Westshore Lag, c200 on 2/5 (BDH, KVT), 170+ on 31/5 (GA&SLT), every year there is segregation with Teal on the lagoon and Mallard on North Pond (MTC). Tukituki R, c100 south of Havelock North on 25/3 (KVT). L Poukawa, c500 on 8/12, largest group in last few years (CFM, JGH). Blackhead, 3 on farm pond 2km south on 6/10 (AJT, SB).

BROWN TEAL *A. aucklandica chlorotis*

[N] Annual census between 24/2-26/3, organised by DOC and carried out by GRP, K.Hawkins, N.Saunders, T.Grant, M.Collins & M.McGlynn. Clendon Cove, 39 & 54; Bentzen's Pond, Parekura Bay, 13 & 9; Puhinui Stm, Parekura Bay, 40 & 43; Wairoa Stm, Parekura Bay, 25 & 12; Ngaiotonga Stm, Whangaruru H, 2 & 8; Tutaekuri R, Whangaruru H, 146 & 130; Punuruku Stm, 14 & 6; Teal Bay, 25 & 28; Ngahau Bay, 13 & 11; Mimiwhangata, 20 & 17; Whananaki R, 44 & 41 + 55 on 12/5 (GNG). Total counts of 381 in Feb & 359 in March. [A] Whangaparapara, Gt Barrier I, up to 24 birds during Dec-Jan (EEP). [W] Rangatira Flat, Kapiti I, pr with 4 well grown young seen on several nights, early Jan (HAR).

CHESTNUT TEAL *A. castanea*

[M] Manawatu E, 1 male associating with a large number of Grey Teal on 2/7 (D&MS), 1 on 12/5 (PFB), 2 imm males on 23/5, 2 imm males + 1 female on 24/5, 2 imm males on 6-7/6, 1 imm male on 20-21/6 (JL&MM).

NEW ZEALAND SHOVELER *A. rhynchotis variegata*

[FN] Jack's L, Pakaraka, 10 on 20/11 (GRP). [SA] Tuakau SP, 26 on 6/7 (DAL). Mangatangi Dam, 10 on 4/4 (SG). [Wk] L Karapiro, 12 on 27/4; L Arapuni, 11 on 17/4; L Maraetai, 1 on 25/3; L Whakamaru, 11 + 1 juv on 24/3 (AS&JMR). [BP] Kaituna Cut, c20 on 7/9 incl. 1 or 2 pale breasted drakes (PCL). Matata, 36 on 23/11 (RMW), 240 on 18/4 (AJT, SB), c150 on 26/4 (PCL), 150 incl. many drakes in breeding dress on 31/5 (RMW). Edgecumbe SP, 4 on 1/12 (RMW). Waiaua E, 4 on 13/10 (PCL). [G/W] Pakarae swamp, c42 on 12/10 (JCH). Whakaki Lag, 128 on 12/10, c800 on 29/2, 590 on 21/6; Whakamahī Lag, 85 on 3/5 (GAF). [T] Bell Block SP, 12 on 10/6 (DGM). Mamaku Rd L, 15 (incl. 1 with pale breast) on 19/4 (GA&SLT). Hawera SP, 60 on 16/3, 100 on 22/4 (AMD). [M] Manawatu E, max c200 on 6-7/7; Foxton No.1 L, max c150 on 8/3; Foxton No.2 L, brood of 9 on 2/1; Moutoa, max c50 on 13/7 (JL&MM). [HB] Wetland Survey: total of 3135 was counted on 50 wetlands on 15-17/4. Wetlands holding more than 100 include Westshore, c150; Neilson L, c160; L Poukawa, c1500; L Hatuma, 357 (OSNZ, DOC). L Tutira, 64 on 16/10 (JCH, MAW). Westshore Lag, Napier, c270 on 17/4 (AJT, SB), c300 on 2/5 with Grey Teal (M&PWT), c600 on 30/5-1/6 (incl. c295 males) (GA&SLT, AJT, SB). Ahuriri/Westshore, 55 on 17/11, 957 on 27/6; Waitangi E, 10 on 17/11, 38 on 27/6; Porangahau E, 20 on 10/11, 25 on 27/6 (OSNZ cen). [Wr] Henley Ponds, Masterton, 24 on 29/5 (GA&SLT). Homebush SP, Masterton, 300 + on 26/4 (TCD). [W] Waikanae SP, c100 incl. 47 males on 6/6 (AJT, BAT, MAF).

NEW ZEALAND SCAUP *Aythya novaeseelandiae*

[A] Western Springs, pr present during summer (MJT). [Wk] Hamilton L, 1 male on 29/9 (ASR). Waikato Hydro Ls: from 3 on L Maraetai on 25/3 to 96 on L Karapiro on 27/4 (AS&JMR). [BP] Matata Lag, 98 on 12/8 (GAT, AJT), 75 & 4 juvs on 15/12 (RMW), 126 on 18/4 (AJT, SB), c150 on 26/4 (PCL). Edgecumbe SP, 2 on 1/12 (RMW). [VP] Sulphur Bay, L Rotorua, 426 on 10/8 (AJT, GAT), c1500-1700 on 21/4 of which c500 were feeding and rest loafing in a large flock—the largest number reported in bay (GA&SLT), 1060 on 2/6 (AJT). Kapenga Swamp, Rotorua, 3 on 26/3 (KLO). Motuoapa Marina, L Taupo, 91 on 21/12 (AJT). [G/W] Whakaki Lag, 2 on 16/5 (JCH). [T] Waipu Lag, Bell Block, 1 on 19/9 (CCO). Mamaku L, Waitara, 7 on 19/4 (GA&SLT). Pukekura Park, New Plymouth, pr with young in Dec (CL). Barrett Lag, New Plymouth, 13 on 20/6 highest count there to date (DGM). Nowell's L, Hawera, 1 on 23/3, 5 on 8/6 (AMD). [Wg] Westmere L, 8 on 25/8 (OCT). [M] L Horowhenua, 31 + on 17/4 (GAT). [HB] Present on 12 out of 50 wetlands surveyed on 15-17/4, total 289, highest counts: L Tutira 46; Lindsay Ponds, 33; Brook's L, 17; L Oingo, 18; Tralee Pond, 17; Horseshoe L, 100. Putere, present Aug, first report from there (JRB). L Tutira, 127 on 16/10 (MAW, JCH). [Wr] Henley L, Masterton, 19 on 19/9, breeding Dec-Jan (JK), 20 on 23/2 (AJT). [W] Waikanae E, 9 flew over river on 27/10, 4 on 23/11 at marina (AJT), 2 on 10/3 (D&MS). Ratanui Ls, Paraparaumu, 4 incl. bird with 12 ducklings on 7/12 (AJT, BAT, JL, MAF).

AUSTRALASIAN HARRIER *Circus approximans*

[SA] Wharekawa, FoT, 1 on 26/1 attacked pukeko which narrowly escaped (BS). [Wk] Ohura to Te Kūiti/Taumaranui Highway (SH 40), 5 seen from road over 38 km on 19/4 (GA&SLT). [BP] Papamoa, male tumbling display flight on 8/9; Whale I, 1 on 28/12 (PCL) & 1/4 (KLO). Mt Tarawera, 1 near summit on 1/3 (PCL). [T] Stratford to Ohura (SH 43), 17 seen from road over 120 km on 19/4. Birds were commonest in hill country farmland near forest remnants (GA&SLT). [Wg] Taumaranui to Ohakune, 20 seen from road on 26/4. This area had the densest population noted on a car trip from Auckland to Wellington (GAT). Kaitoke, 1 dead on road on 4/4 (GM), banded last year by (DMM). Maxwell, 1 dead on road, banded in 88/89; Corliss I, 12 at roost on 7/6 (DMM). [HB] Ahuriri E to East Clive, 10 on 17/11, 8 on 27/6, Porangahau E, 10 on 27/6 (OSNZ cen). Porangahau to Pourerere, 18 seen from road over 72 km on 30/5; Herbertville to Porangahau, 12 seen over 33 km on 30/5; Pongaroa to Akitio to Titree Pt, 4 seen over 66 km on 29/5 (GA&SLT). [Wr] Masterton to Pongaroa (SH 52), 14 seen over 86 km on 29/5 (GA&SLT).

NEW ZEALAND FALCON *Falco novaeseelandiae*

[Wk] Paterangi, 1 on 7/7 (RWD). Ruapane, Mt Pirongia, 1 within 10m on 17/5 (GK). Hauturu Rd North, pr in mid-September (RWD). Rangitoto Station, 1 resident around airstrip (FN *et al.*). Pureora SF, 2 on 23/1 (JAB). [BP] Poplar Ridge farm, Papamoa, 2 on 20/7/90, 1 on 5/8/90, seen attacking 2 magpies which flew rapidly into cover of orchard (L. Lambert per KLO). Thornton settlement, 1 on 10/6 (DG). [VP] Mt Ngongotaha, 1 on 25/9 (D. Long per WS). Okere Falls, L Rotoiti, pr on 5/9 (SB). L Rotokura carpark, Ohakune, 1 on 11/11; Oamaru R, Kaimanawa SFP, 1 on 4/12; Saddle Cone, Mt Ruapehu, 1 eating a large Black-backed Gull chick near the gull colony on 27/12 (CJ). Whakapapa Hut, Mt Ruapehu, 1 on 4-5/4 (AG). Rangitaiki R frostflats, 1 sitting on felled *Pinus contorta* in June; Turangi, 1 chasing passerines over pasture near township in June (CJ). [G/W] Waipiro Bay, 1 on 24/4; Three Bridges, 1 on 20/6 (JCH). Gisborne, Centennial Dr, 1 on 4/10 (MAW), 1 in Botanical Gardens on 15/11 & 13/1 (MAW, JCH). Waikanae, 1 eating sparrow, resting in macrocarpa tree on 20/2; Matawhero, 1 on 4/11 (JCH). [T] Pukearuhe, 1 chasing small bird on 14/6 (WBM). Kent Rd, New Plymouth, 1 on 13/8 (DGM). Pohokura Saddle, 1 on 3/8 (RWB). [Wg] Wanganui, 1 on 25/1 (OCT). [M] Western Ruahine Ranges, 1 in Aorangi Block near Rangitikei R on 21/1 (HAR), 1 flying over Rangiwahia track area on 18/6, regular reports from this area (CCO). Levin, 1 chasing Blackbirds on 22/8 (MO). [HB] Kaweka SFP, 2 (pr?) halfway between Mt Kuripapango and carpark on 25/1; Tikokino, single birds seen frequently (per MTC). Fernhill, 1 male on 27/9 & 26/6 (JGH). Te Aute, 1 on 14/4 pursued by magpies (MGT). Waimarama, 1 seen from Te Apiti Rd on 20/5 (BMT). [Wr] Wairangi Station, White Rock Rd, 4 on 20/3 (SJW). Homebush, 1 flying over Ruamahanga R on 29/8 (TCD). [W] Waikanae R, 1 reported on 3 occasions in June (per JL). Near Waikanae, 1 on 2/8 (BDB). Otaihanga, 1 (adult plumage) eating small passerine on 16/10 (AJT, SB, JL). Reikorangi, 1 captured duckling in early Oct (B. Moore per AJT). Seatoun, 1 on 27/8 (BB), 1 on 20/2 (MB, DB). Melling, 1 on 13/9 (JW, AM). Mt Victoria, 1 on 5/2 (RGP).

NANKEEN KESTREL *F. cenchroides*

[G/W] Gisborne, 1 in Botanical Gardens eating sparrow, quite unafraid on 19/12 (MAW). [HB] Havelock North, 2 on eastern side of Te Mata Peak on 22/7, one bird had gap in feathers of left wing; 1 at corner of Lawn/Pilcher Rds on 8/10 (BMT).

CALIFORNIA QUAIL *Callipepla californica*

[BP] Bowentown, 2 females & 1 male on 10/11, some heard only on 7/6; Te Puke, No.3 Rd, fairly common all year in orchards bordering Ohineangaanga Stm gully; Te Tumu Rd, Maketu, pr with 4 juvs on 22/3; Mt Tarawera, a covey on lower slope of Kawerau end of mountain on 1/3 (PCL). [G/W] Morere SR, 11 on 19/3 (MAW). [M] Foxton B, heard regularly Sept & March (JL&MM). [HB] Waitora Rd, (Napier/Taupo Rd), present on 6/5 (BMT). Crownthorpe, covey of 16 flushed from roadside in May (MTC). [W] Mt Kaukau, 3 in late Nov (GS).

RED-LEGGED PARTRIDGE *Alectoris rufa*

[SA] Mangatarata, 4 on 6/2 where over 1000 have been released over several years (D&MS). [BP] Te Puke, Ridge Rd, 1 with metal band on right leg, fed with domestic fowls for about 3 days on 8-11/10 (JC, BC).

BROWN QUAIL *Synoicus ypsilophorus*

[FN] Great King I, c20 all in prs on 15-18/10 (GRP, GS). [SA] Waitakaruru, 1 reported by MNT (per AJG). Piako Coast, 2 on 10/11 (AJG). [Wk] Atiamuri, 9 on 24/3; Whakamaru, 2 on 24/3 (AS&JMR). [BP] Waikareao E, Tauranga, 2 on 30/12 (KLB). Kaituna Cut, 1 on 7/9 (PCL). Whale I, 1 moribund chick found on 28/12 (PCL). [G/W] Kaiti Hill, 4 on 25/9, still found in small pockets locally but scarce (JCH, MAW). Muriwai, 1 recovered from cat on 6/9 (MAW).

RING-NECKED PHEASANT *Phasianus colchicus*

[T] Moki Tunnel, near Tahora (SH 43), 1 on 19/4 (GA&SLT). [W] Waikanae B, 1 male seen in new sub-division (D&MS).

WILD TURKEY *Meleagris gallopavo*

[HB] Birch Rd East, near Porangahau, 5 on rough farmland on 30/5 (GA&SLT).

BANDED RAIL *Rallus philippensis*

[FN] Kerikeri Inlet, 1 on 12/3 seen swimming across Okura Crk, it then disappeared into saltmarsh (TS). Punakitere Swamp, 1 caught by cat & rescued on 10/11 (MT). [N] Punuruku Stm, 1 flushed from long grass & carrot weed on 25/2 (GRP). Helena Bay, 1 running across road on 21/2 (GNG). Whananaki R, 1 feeding out on edge of mangrove channel at dusk on 28/2 (GNG, RJP, GRP). [A] Wenderholm Res, 6 on 1/2 (GJA). Whangaparapara, Gt Barrier I, 1 or 2 observed (EEP). [SA] Wairoa R, Clevedon, 1 with 3 large downy chicks on 15/1 (AJG). Miranda, 1 with 2 chicks on 25/1 (GP&RG), pr with 2 chicks on 2/2 at Access Bay (D&MS). [BP] Tauranga: below Grange Rd on boardwalk, 1 dead on 29/2 (BHS): Fraser St, 1 on 22/9 (MS); Waikareao E, 1 or 2 on 11/1; Maketu E, 1 or 2 on 4/1 (PCL, PFB). Wainui Rd, Ohiwa H, 1 on 29/6 (WMH). Waiotahi, 1 on 23/9 (WHS). [G/W] Maungawhio Lag, 1 on 28/8 (K. Hawkins per

GAF). [Wr] Matthews Lag, L Wairarapa, 1 caught and killed by cat was first record in region since 1927. Bird was in otherwise good condition (DMS).

NORTH ISLAND WEKA *Gallirallus australis greyi*

[G/W] Gisborne, 1 in Botanical Gardens on 1/3 (MAW), 2 at McLaurens Rd on 11/3 (JCH), 1 at Bridge Hotel on 28/3 (MAW). Increasingly scarce in city suburbs. Static population of 25 birds under DOC supervision at Matawai (JCH). Ormond, once common but nil for past 12 months; Matawhero, 3 on 14/10 (MAW). [Wg] Pukekaho (NZMS 270 027070), 1 seen on 26/10 (KO).

SPOTLESS CRAKE *Porzana tabuensis*

[FN] Uruti Rd, Russell, 1 seen flying short distance on 21/6 (BM). [Wk] Opuatia Swamp, Rangiriri, at least 2 responding to tape on 17/6 (DJR). [BP] Waikareao E, Tauranga, 1 or 2 seen, attracted by tape recording on 3/9 (KLB). Awaiti Wetlands, Matata, 2 on 6/2 (JAB). [VP] Sulphur Bay, L Rotorua, 1 responded to tape in raupo on 5/5; Kapenga Swamp, Rotorua, 2 responded to tape on 26/3; Waikite W/L Res, 1 on 26/3; Kohika swamp, Rangitaiki Plains, 3 responded to tape on 14/4 (KLO). [G/W] Matawhero Res, 1 on 18/6 (JCH). [T] Motunui, near Waitara, reported present in local swamps on 8/9; L Rotokare, heard on 20/2 (WBM). [Wg] Christie's L, Upokongaro, responded to tape on 7/7 (CCO). [M] Round Bush, 1 on 2/1 & 3/5; Foxton No.2 L, 2 heard on 1/1 without use of tape (JL&MM). [HB] Ahuriri E, 2 heard in response to tape at top end of estuary on 10/9, 1 responded to tape on 1/6 (R&TAS).

PUKEKO *Porphyrio p. melanotus*

[Wk] Island Block, Whangamarino, 2300 in localised area on 27/6 (PCC). Hamilton L, 13 on 12/10, 7 + 5 juvs on 22/2, 21 + 2 juvs on 11/4 (MAB *et al.*). L Karapiro, 90 feeding on lakeweed exposed by low water levels on 27/4 (AS&JMR). [BP] Bowentown/Athenree, 16 on 10/11, 13 on 7/6 (PCL). Tuapiro, Tauranga H, 15 on 10/11 (JRP). Kaikokopu, Little Waihi, c30 on 8/9; Matata, c20 on 26/4; Ohiwa H, c10 on 13/10 (PCL). [G/W] Gisborne, 6 incl. 2 juvs in Botanical Gardens on 29/1 (MAW). [HB] Present on 16 out of 50 wetlands surveyed on 15-17/4, total 101, highest count 22 on L Hatuma (OSNZ, DOC). L Tutira, 14 on 19/6 (JCH). Ahuriri E/Westshore, 11 on 17/11, 4 on 27/6 (OSNZ cen). East Clive, 9 incl. 3 imms on 18/3; Te Hauke, c130 on 7/7 (KVT). [Wr] Henley L, Masterton, 50 + on 23/9 (JK).

TAKAHE *P. mantelli hochstetteri*

[W] Kapiti I, 8 birds sighted incl. 2 well grown chicks on 25/4; Mana I, pr in enclosure feeding chick 3-4 weeks old on 19/10 (OSNZ).

AUSTRALIAN COOT *Fulica atra australis*

[A] Western Springs, c30 some with young during Dec (MJT). [Wk] L Hakanoa, 1 on 25/4 (PCC). Hamilton L, 78 incl. 1 'pied' on 31/8 (ASR), 42 on 12/10, 7 + 2 juvs on 22/2, 2 on 11/4 (MAB *et al.*) a major crash of this species at this site, perhaps associated with collapse of weed beds. Some recovery has occurred more recently, however, there has been an increase in sightings from other localities. Cambridge L, 5 on 7/2 & 29/3 (PCC). L

Whakamaru, 4 + 5 juvs on 24/3 (AS&JMR). [BP] Matata Lag, 2 on 13/7 (BC), 3 on 12/8 (GAT, AJT), 20 on 23/11 (RMW), max 32 + 1 downy chick on 18-26/4 (PCL, AJT, SB), 10 in June '92 (JAB). [VP] L Rotoma, 12 in May '92 (JAB). Motutara Pt, L Rotorua, 1 juv on 21/4 & 2/6 (GAT, AJT). [G/W] Pakarae swamp, 2 on 3/2 (JCH). [T] Barrett Lag, 7 on 22/9 (DGM). [Wg] L Virginia, Wanganui, 44 on 25/8 (OCT), 134 on 11/4 (TT), 106 (incl. many juvs) on 17/4 (GA&SLT). Wiritoa L, 2 on 26/12 (OCT). [M] Centennial Lag, Palmerston Nth, c6 on 29/9 (JL&MM), 25 on 15/5 (RG). [HB] Present on 8 out of 50 wetlands surveyed on 15-17/4, total 287, highest counts: L Tutira, 201 + ; L Te Pohue, 27; Horseshoe L, 16 (OSNZ, DOC). L Tutira, 136 on 25/8 (JCH), c150 on 27/5 (KVT), 120 on 30/5 (AJT, SB), 110 on 15/6 (JCH). Horseshoe L, 18 on 25/9 (KVT). [Wr] Queen Elizabeth Park L, Masterton, 3 breeding prs + 7 fledglings on 23/4 (TCD).

SOUTH ISLAND PIED OYSTERCATCHER *Haematopus ostralegus finschi*

[FN] Parengarenga H, 23 on 20/6; Houhora H, 15 on 21/6 (RJP). [N] Taiharuru E, 36 on 12/1 (GRP). Port Whangarei, 200 on 13/7; Takahiwai, Whangarei H, 500 on 1/2 (GNG). Ruakaka E, 102 on 29/3 (GRP). Kaipara H: Kellys Bay, 179 (1 c/b) on 28/12 (GA&SLT). [A] Kaipara H: Taporā, 150 on 11/8, 400 on 9/10, 800 on 22/2; Jordan's, 3800 on 24/2 (GNG). Pollen I, Auckland, c250 on 12/4 (EKC). [SA] Paih Estate Rd, Papakura, 39 on 2/2 (AMH, DAL). Manukau H, 2492 on 8/12 (OSNZ cen, AJG, MJT). Sunset B, Port Waikato, 103 on 6/7 (SAFT). Mataitai, Clevedon, 39 on 2/7, 560 in May (AJG, AMH, DAL). FoT, 1036 on 10/11, 12409 on 7/6 (OSNZ cen, AJG). Miranda, c5000 in wet paddocks on 10/7 (GRP). Colville H, 84 on 10/1 (JV&AVP). Kennedy Bay, 270 on 21/6 (SAFT). Omana Spit, Matarangi, 190 on 9/3 (EEP), 330 on 20/6 (SAFT). [BP] Tauranga H: Bowentown shellbanks, 20 on 10/11, c450 on 7/6 (PCL); Omokoroa Golf Course, 150 on 7/6 (RSC); Sulphur Pt, 32 on 10/11, 24 late May, 148 on 7/6 (KLB, GIH, RSC); Aerodrome Bay, 29 on 7/6 (GG&LJB); Rat I, Hairini, 15 on 10/11 (JD). Maketu E, 7 on 4/1 (PCL). Little Waihi, 18 on 8/9, 19 on 15/9 & 24/11, 25 on 26/4 (PCL, GG&LJB, GIH). Whale I, 1 on 27/1; Ohope Spit, 5 on 23/11 (WMH). Ohiwa Spit, 40 on 13/10, 15 on 23/11, 249 on 22/3, c300 on 21/2 (PCL, WMH, WHS). [G/W] Muriwai Lag, 8 on 25/10 (OSNZ), 60 on 27/5 (JGH), 54 on 21/6 (GAF). [T] New Plymouth airport, 2 on 17/3 (AMD). Waiongana R, several groups flying north on 3/1; Cape Egmont, 1 on 3/5 (DGM). Waitotara E, 4 on 17/11 (DGM *et al.*) [Wg] Wanganui E, 9 on 7/2, 5 on 18/2 (TT). [M] Manawatu E, max c60 on 6/2 + 15 on beach (JL&MM), 30 on 22/3 (AJT, GAT). Foxton B, 21 in field by Foxton Rd on 5/4 (JL&MM). [HB] Ahuriri E, 1 on 29/7 (R&TAS), 3 on 12/10 (OSNZ), 6 on 3/5 & 27/6 (M&PWT, OSNZ cen). Porangahau E, 11 on 10/11, 1 on 27/6 (OSNZ cen). [Wr] L Wairarapa, monthly max 22 on 31/8 (BDH, HAR).

VARIABLE OYSTERCATCHER *H. unicolor*

[FN] Kohakawa B, Ninety Mile B, 17 on 22/8; Twilight B, 8 on 20/8; Cape Maria van Diemen, 2 prs (+ 2 chicks) on 1/1 (GRP). Parengarenga H, 162 on 20/6; Great Exhibition Bay, 61 on 20/6 (RJP). Ninety Mile B, 25 between Te Paki Stm - Manganui Bluff on 26/9 (DL). Manganui Bluff, 53 on 23/8, 39 on 26/10, 17 on 30/12, 23 on 11/6 (GRP). Kowhai Bay, 45

with 30 in non-breeding flock on 10/11 (GRP, KH). Waimango Swamp, Karikari Bay, 49 non-breeding birds on 30/12 (GRP). [N] Parerangi I, Bland Bay, pr with chicks on 9/12; Whangaruru H, pr with chicks on following islands & stacks – Whitikau Rock, Bland Rocks & 3 prs all with chicks on Nops I on 9/12; Whananaki E, 19 in estuary & 38 roosting on reef 700m offshore on 21/7 (GRP). Pataua E, 9 on 1/1 (GA&SLT). Taiharuru E, pr with chick on Otarawa I & 2 prs on Raparapahoe I, pr with 2 chicks & pr nesting on 12/1 (GRP). Kauri Mt B, 11 (5 prs) on 1/1 (GA&SLT). Whangarei H, pr on Calliope I with 2 chicks which fledged; pr nesting on Rat I on 14/12; pr on Limestone I in Nov/Dec, failed in two nesting attempts (GRP). Beach Rd, Onerahi, pr fed on stoney beach all year, first birds seen here in 6 years observations (PJA). Ruakaka E, 20 prs hatched 23 chicks with 18 surviving till early Feb (RS, GRP), 155 on 29/3 (GRP). Waipu E, 30 prs hatched 25 chicks with 19 surviving till early Feb (RS, GRP), 205 on 29/3 (GRP). Mangawhai E, 107 non-breeding? birds on 8/12 (GRP). [SA] Manukau H, 3 on 8/12 (OSNZ cen, AJG, MJT). Mataitai, Clevedon, 1 tiny chick seen on 26/12 did not survive (AJG). Clifton Rd, pr with chicks on 14/12 (JVD). FoT, 4 on 10/11 (OSNZ cen, AJG). Sunset B, Port Waikato, 34 on 6/7 (SAFT). Colville, 16 on 10/11 (JV&AVP). Kennedy Bay, 61 on 21/6 (SAFT). Omana Spit, Matarangi, 50 on 10/3 (EEP), 3 on 20/6 (SAFT). Opoutere, 14 on 16/12 (JLM), 20 on 16-19/6 (S.Stayen per BB). Tairua E, c25 on 16/12 (JLM). [Wk] Waikorea, 1-2 from 1/11 to 15/5 (PDB). Ruapuke, 2 on 4/8-19/9 & 1/3-17/6 (RC *et al.*). Kawhia B, 4 on 31/1 (PDB). Te Motu I, Kawhia, 6 on 10/12, (incl. 1 nesting pr) (ASR). Taharoa, 3 on 2/8 (PDB), 4 on 20/10 (AS&JMR). [BP] Bowentown shellbanks, c80 on 10/11, c40 on 7/6 (PCL, JRP). Sulphur Pt, 6 on 10/11, 4 prs late May, 16 on 7/6 (KLB, RSC, GIH). Aerodrome Bay, Tauranga, pr on 10/11 (GG&LJB). Panepane Pt, Matakana I, 8 on 10/11, 10 prs on 11/12, 10 on 7/6 (PCL, GG&LJB). Kaituna Cut, pr resident throughout year (PCL). Maketu Spit, 7 prs on 24/11 (PCL, JHS). Maketu E, 2 prs on 15/9, 4 prs + 3 chicks on 4/1 (PFB, PCL). Maketu Marae sandbank, 10 at high tide roost on 26/4 (PCL). Little Waihi, 31 on 12/8 (AJT, GAT), 34 on 24/11 (GG&LJB, GIH), 15 incl. 2 juvs on 22/3, 21 on 26/4 (PCL). Otamarakau, 2 on 1/12; Pikowai, 2 on 1/12 (WMH). Tarawera R mouth, pr on 13/7, 4 on 30/8, 3 on 19/3 (WMH, PCL). Rangataiki E, 19 on 12/8 (incl. 1 with SIPO - like plumage) (GAT, AJT), 20 on 19/3, 13 on 26/4 (WMH, PCL). Taumaihi I, Motiti I, 5 on 18/2 (KLO). Whale I, 2 prs in Nov, 2 prs + chick on 28/12, 2 on 27/1 (WMH, PCML), pr on 1/4 (KLO). Ohope Spit, 20 on 16/9, 37 on 23/11, 14 + 6 chicks on 11/3 (WMH). Ruatuna Rd, Ohiwa Spit, 55 on 13/10 (PCL), 21 + 2 chicks on 23/11, pr with 3 chicks on 21/1, 68 on 22/3; Tern I, Ohiwa Spit, 6 with 3 chicks on 5/12 (WMH). Waiotahi, 3 on 13/10, 8 on 22/11; Waioeka E, 6 on 22/11; Waiaua E, 2 prs on 13/10 & 22/11 (WHS, PCL). Whangaparaoa, Cape Runaway, pr on 13/11, 5 on 20/2 (WMH). [G/W] East Cape to Gisborne, count of 125 on 25-27/10, breeding throughout (OSNZ). Pouawa, 11 on 13/7, 16 on 30/4 (JCH, MAW). Tolaga Bay, 9 on 19/5 (MAW). Turihaua E, 7 on 1/6 (AJT, SB). Muriwai Lag, 16 on 20/6 (GAF). Mahanga B, 2 on beach, 4 just inside Oraka E on 6/9 (GRP). Maungawhio Lag, 5 on 31/5 (AJT). Oraka, 28 on 21/6 (GAF). Auroa Pt, Mahia Pen, 33 in flock on 31/5 (AJT). [T] Awakino, 2 on 31/12, 3 on 22/2 (CL, WBM).

Mokau, 5 on 23/6 (AMD). Tongaporutu, 2 on 18/8 (WBM). Waiongana E, 3 on 26/10 & 10/6 (DGM). Waiwhakaiho E, New Plymouth, 1 on 2/2, 3 on 10/6 (REL, DGM). Manutahi B, 1 on 23/10 (CCO). Waitotara E, pr nesting on 17/11 (DGM *et al.*). [Wg] Turakina E, 1 on 26/1 (TT). [M] Manawatu E, max 7 on 15/9 (JL&MM). Ohau E, 35 on 28/7 (MO), 37 on 24/9 (HAR). [HB] Ahuriri E, 1 on 27/9 (R&TAS), 1 pied bird on 3/5 (usually only black birds here) (M&PWT). Tukituki E, 2 on 17/11 (OSNZ cen). Clifton to Black Reef, 7 on 10/8 (TAS). Ocean B, 2 on 24-30/5 (CFM, KVT, GA&SLT). Blackhead, 2 on 30/5 (GA&SLT). Porangahau, 16 on 10/11, 21 on 27/6 (OSNZ cen), 5 feeding on golf course on 30/5 (GA&SLT). [Wr] Cape Turnagain, 2 on 5/10 (AJT, SB). L Wairarapa, breeding at Willow I on 17/11, monthly max 7 on 28/6 (BDH, HAR). [W] Waikanae E, pr nesting 12-27/10, failed by 2/11, renested 10/11 & 2 chicks raised 16/1 (AJT, JL, BAT). Somes I, 10 prs on territories on 11/7 (RNC).

AUSTRALASIAN PIED STILT *Himantopus h. leucocephalus*

[FN] Parengarenga H, c1200 on 20/6; Houhora H, 350 on 21/6 (RJP). Waimango Swamp, Karikari Bay, 103 on 30/12; Jack's L, Pakaraka, 36 incl. 18 juvs on 20/11 (GRP). [SA] Manukau H, 1096 on 8/12 (OSNZ cen, AJG, MJT). Drury SP, 207 on 21/2 (AMH). FoT, 226 on 10/11, 2481 on 7/6 (OSNZ cen, AJG). Owena, Whangapoua H, 107 on 20/6 (SAFT). [Wk] L Whangape, 200 on 16/2, 475 on 29/3 (DAL). Churchill Rd, Rangiriri, 80 + on 27/5 (BAW). [BP] Bowentown, 20 on 7/6 (PCL). Omokoroa Golf Course, c100 on 6-7/6 (MS, RSC). Aerodrome Bay/Matapihi, 21 on 7/6 (GG&LJB). Kaituna Cut, c40 on 7/9, at least 5 prs nesting 15/9, 75 on 24/11, c50 on 22/3; Maketu E, c150 on 4/1; Little Waihi, 30 on 22/3, 100 on 26/4 (PCL). Matata Lag, 11 on 12/8 (AJT, GAT), 26 on 23/11 (RMW) & 19/3 (WMH), 222 on 18/4 (AJT, SB), c80 on 26/4 (PCL). Tarawera R mouth, 55 on 19/3 (WMH, RMW). Ohope, 50 on 23/11; Ohiwa H, 50 along Ruatuna Rd on 23/11, 79 on 22/3 (WMH), 73 on Tunanui Stm on 26/1 (RMW), 10 on Tern I on 5/12 (WMH). Waiotahi, 21 on 23/11 (WHS). Rangitaiki E, 39 on 23/11 (RMW). Waiaua E, 10 on 13/10 (PCL). Whangaparaoa, Cape Runaway, 6 on 20/2 (WMH). [G/W] Whakaki Lag, 488 on 5/1, 864 on 21/6; Ngamotu Lag, 322 on 21/6, 360 on 6/7 (GAF). Muriwai Lag, 12 on 14/8, 42 on 5/10 (JCH). [T] Waitara E, 34 on 9/1; Waiongana E, 26 on 6/7 (DGM). Bell Block, nesting in quarry site on 30/10 (WBM). Nowell's L, Hawera, 18 on 30/3 (AMD). Waitotara E, 6 on 17/11 (DGM *et al.*). [Wg] Wanganui E, 29 on 7/11, 38 on 22/12, 60 on 17/2, 114 on 18/2; Turakina E, 25 on 26/1 (TT). [M] Manawatu E, max c230 on 20/6; Moutoa, max c170 on 13/7; Moutoa Sluice, c30 on 18/4 (JL&MM). [HB] Present on 17 out of 50 wetlands surveyed 15-17/4, total 280, highest counts – Hurimoana Swamp, 35; L Poukawa, 88 (DOC, OSNZ). Ahuriri E/Westshore, 228 on 17/11, 473 on 27/6 (OSNZ cen). Ahuriri E, up to 1000 in one part of estuary on 15/2 (YMcK, RW). Puketapu, 50 on 1/6 (MTC). Awatoto-Meeanee Rd, 200 on 31/5 (CFM, JGH). Waitangi E to Tukituki E, 113 on 17/11, 224 on 27/6 (OSNZ cen). East Clive, c90 (2 c/b) in 150m stretch near sewer outfall (BMT, M&PWT), many still along foreshore from outfall on 28/11 (ARG) & c100 on 24/2 (KVT), 48 (2 c/b) on 31/5 (OSNZ). Tukituki E, 75 on 17/4 (M&PWT), 40 + on river south of Havelock North on 25/3 (KVT). L Poukawa, 124 on 1/6 (GA&SLT). Porangahau E, 63 on 10/11, 61 on 27/6

(OSNZ cen). [Wr] Henley Ponds, Masterton, 103 on 15/6 (TCD). L Wairarapa, monthly max 775 on 7/7 (BDH, HAR). [W] Paraparaumu SP, 30 on 6/6 (AJT, BAT, MAF).

BLACK STILT *H. novaezelandiae*

[SA] Gibbons B, Weymouth, 1 dark F node on 27/10 (ERW). Puhinui Ck, 1 black feeding with 1 hybrid on 3/5 (G.Dreadon per JVD). Conifer Grove, Mahia Inlet, 3 F nodes on 9/5 & 1 E node on Wiroa I on 18/5 (AMH). [Wk] Churchill Rd, Rangiriri, 1 node E with flock of 80+ Pied Stilts on 27/5 (PCC, BAW). Kawhia H: 1 node I (c/b), 1 node E; Te Motu I, 2 c/b + 1 unbanded blacks & 2 c/b hybrids on 18/6 (OSNZ cen, BAW).

HYBRID STILT *Himantopus* sp.

[SA] Puhinui Refuge, 2 hybrids on 8/12 (AJG). Miranda, 1 hybrid on 4-6/8 (M&SG). [G/W] Ngamotu Lag, 1 node F in flock of 322 Pied Stilt on 21/6 (GAF). [Wg] Wanganui E, 1 on 14/1 intermediate between E/F nodes (TT). [M] Manawatu E, single bird E/F node on 1/1 & 1 bird, head G & body E/F node from 18/3 to 2/5 (JL&MM).

NEW ZEALAND DOTTEREL *Charadrius obscurus*

[FN] Pandora B, 3 prs on 26/10 (GRP). Parengarenga H, 113 incl. 2 chicks on 23/2 in 2 flocks of 48 & 62, 90 on 24/3 incl. flock of 88 feeding on falling tide, 46 on 26/4 (GRP, RJP, MA). Henderson Bay, 6 prs on 9/11; Kowhai B, 16 on 9/11 (GRP, KH). [N] Whananaki E, 14 incl. 4 imms on 21/7; Ngunguru E, 13 incl. 5 imms on 21/7 (GRP). Kauri Mt/Ocean B, 8 prs raised at least 1 chick to fledging, possibly 3 (RS, GRP). Whangarei H, 2 prs on Rat I on 17/11, 1 pr acting as though chicks present; Limestone I, pr nesting on 17/11 but failed a week later (GRP). Port Whangarei, 19 on 31/5; Onerahi Airport, 19 on 24/7 (GNG). Marsden Pt, 2 prs, 1 pr raised 1 chick; Ruakaka E, 10 prs with 6 chicks fledging; Waipu E, 17 prs hatched at least 12 all surviving to early Feb (RS, GRP), 41 on 29/3, 42 on 12/4 (GRP, AW *et al.*). [A] Mangawhai E, at least 7 chicks known to have fledged (all 7 were banded) (RS, GRP), 80 on 21/4 with 57 on spit & 23 on island (GRP, GAP). Te Arai Stm, 12 on 8/12 (GNG). Waikiri Crk, Taporā, 5 on 10/12, 2 prs reneesting after flooding by spring tides (GRP, PM), 8 on 21/4; Taporā Sand I, 9 on 21/4 (GRP, GAP). Papakanui Spit, 22 on 13/7 (GRP). [SA] Manukau H: 9 on 8/12 (OSNZ cen, AJG, MJT); Kidds, 14 on 10/2 (AMH, DAL); Seagrove, 21 on 6/5; Wiroa I, 19 on 18/5 (AMH); Auckland Airport, 3 prs, one with 2 newly hatched chicks on 23/9 (KJF); Karaka, 8 on 4/2 (D&MS). Motukaramea I, 3-4 prs displaying, showing no fear of shingle crushing machinery on 14/9 (JM). Wharekawa, FoT, pr & fledgling on 27/12 (BS). FoT, 7 on 10/11, 12 on 7/6 incl. 8 at Taramaire (OSNZ cen, AJG). Coromandel H, 25 on airstrip on 9/4 (JV&AVP). Kennedy Bay, 6 on 21/6 (SAFT). Omana Spit, Matarangi, 23 on 9/3 (EEP), 34 on 20/6 (SAFT). Opoutere, 20 on 16-19/6 (S.Stayen per BB). [Wk] Waikorea, 3 on 1/11, 2 on 15/5 (PDB). Ruapuke, 4 on 4/8 (PCC). Kawhia B, 1 on 15/9 (AS&JMR), 2 on 16/6 (PCC). Te Motu I, Kawhia, 10 on sandbank (at least 1 pr breeding), 2 on island on 10/12 (ASR *et al.*), 7 on sandbank on 18/6 (BAW). Taharoa, 7 on 2/8 (PDB), 7 incl. 2 prs on 6/9, still not nesting by 10/12 (ASR *et al.*). [BP] Sulphur Pt, pr with chicks on 26/10 (MS), 5 on 10/11, 15 in late May, 17 on 7/6 (KLB, RSC, GIH). Panepane Pt, Matakana I, 5 prs on 11/12

(PCL). Kaituna Cut, pr on 15/9 & 24/11 (BC, PCL), 3 on 6/2 (GG&LJB). Maketu, 5 prs & 1 single bird on spit on 24/11 (PCL, JHS), 1 feeding on small crabs (*Helice crassa*) on 2-4/1 on estuary mudflats (PCL), 12 on marae sandbank on 26/4 (PCL). Little Waihi, 16 on 26/4; Pukehina Spit, pr with 2 chicks reported by C.Adams, 14 on 22/3 (PCL). Otamarakau, 4 on 1/12; Pikowai, 2 on 1/12; Tarawera R mouth, 3 on 27/7, 2 on 30/8; Whale I, 4 in Nov (WMH), 2 prs with chicks on 28/12 (PCL), 4 on 27/1 (WMH). Ohope Spit, 50 on 2/7, 14 on 23/11 (WMH), 6 on 26/1 (JAB), none on 11/3 (WMH), no young fledged this season from 45 eggs laid according to DOC (PCL). Ohiwa Spit, 4 on 23/9, 10 on 23/11, 14 on 23/1, 21 on 29/1, 48 on 13/2, 63 on 11/3, 71 on 22/3 (WMH, WHS), 41 on 28/6 (JAB). Waiotahi, 9 on 14/8, between 13/10-16/12 visited area at c. weekly intervals, 5 nests found, 3 clutches present on 16/12 & total of 5 chicks observed (the eldest 2 chicks that hatched in late Oct were almost indistinguishable from adults); Waioeka E, 4 on 22/11; Waiaua E, 6 on 26/9 (WHS), 3 prs on 13/10 (PCL), 4 + 1 chick on 15/11, 8 on 22/11 (WHS). Whangaparaoa, Cape Runaway, none on 13/11, 4 on 20/2 (WMH). [G/W] East Cape to Gisborne, 8 on 25-27/10, 1 at Nuhiti, 1 at Tolaga Bay, pr nesting at Waihou B, pr at Pouawa, pr at Muriwai Lag (OSNZ). Whangara B, 2 on 9/1; Muriwai Lag, 1 on 27/5 (JGH), still present on 20/6 (GAF). Oraka, Mahia, 1 on 12/10, 2 on 25/10, 4 on 16/11 & 7/12 (GAF), pr with nest (6 eggs) on 21/12 (BDH, GAF), eggs incubated for at least 43 days before deserting, too many people using beach probable cause. [T] Waiongana E, 1 in breeding plumage on 27/10 flew northwards (DGM). [M] Ohau E, 1 (c/b) on 24/9 (HAR) & 25/10 (MO). [HB] Porangahau E, 2 on 10/11 (OSNZ cen), only 1 seen 17/11 (CFM, JGH, MJ). [W] Waikanae E, 1 (c/b) on 16-19/10 (JL).

BANDED DOTTEREL *C. bicinctus*

[FN] Parengarenga H, 200 on 25/11, increased to 1100 by 20/6; Houhora H, c200 on 21/6 (RJP). Karikari Bay, pr with 2 chicks on 12/2 (GRP), 36 at Waimango Swamp on 29/12 (GNG). [N] Onerahi Airport, 263 on 6/7 (GRP), 400 on 13/7 (GNG). [A] Taporu, 129 on 22/2 (GNG). Papakanui Spit, c150 on 13/7 (GRP). Jordan's, Kaipara H, 49 on 23/2 (GNG). [SA] Manukau H, 2 on 8/12 (OSNZ cen, AJG). Kidds, 150 on 10/2, 200 on 19/3, 100 on 20/4 (DGB, AMH, DAL). Seagrove, 287 on 6/5 (BAE, AMH). FoT, 124 on 7/6 (OSNZ cen, AJG). Coromandel H, 55 on airstrip 26/6 (JV&AVP). Whangapoua H, 80 on paddock adjoining Owena E on 20/6 (SAFT). Taputaputa, Buffalo B, autumn flock built up to 40 by 9/3, 49 on 21/4 (MBM). Pauanui, 20 on outer beach on 17/2 (KH). [Wk] Waikorea, from 15 on 20/12 up to 40 on 7/2 down to 19 on 15/5 (PDB). Ruapuke, min 17 on 4/8 (PCC), max of 68 + on 19/9 (RC). Kawhia, 9 on 18/6 (PDB). Taharoa, min 10 on 6/9, max 30 on 20/10 (AS&JMR). [BP] Sulphur Pt, 12 on 10/11, c150 in late May, 124 on 4/6, 36 on 7/6 (KLB, JAB, RSC, GIH). Tauranga Aerodrome, 71 on tarmac on 7/6 (GG&LJB). Maketu E, 6 on 7/9 (incl. 1 c/b), 8 on 26/4; Little Waihi, 14 on 26/4 (PCL). Otamarakau, 5 on 1/12; Ohope Spit, 173 on 2/7, 2 on 6/11, 34 on 26/1, 63 on 11/3 (WMH). Ohiwa, 6 on 13/10 (PCL), 4 on 23/9, 3 on 23/11, 7 on 29/1, 53 on 13/2, c250 on 21/2 & 9/3 (WHS), 380 on 22/3 (WMH), c250 on 19/5, 257 on 22/6 (WHS), 315 on 28/6 (JAB). Waiotahi E, 20 on 6/5; Torere B, 6 + 2 chicks on 16/10 (WHS). Whangaparaoa, Cape Runaway, none on 13/11 or 20/2 (WMH).

[VP] Rangitaiki R frostflats, pr on 10/12 (M. Smale per KLO). Kaingaroa F, airstrip adjoining Waipai Rd, 2 in Dec '90 & on 23/12, 5 present on nearby unnamed lagoon (38°47' S, 176°20' E) on 23/12 feeding on mudflats; East Boundary Rd, 1 km from Taupo/Napier highway, 1 on 17/12 (GMP). Mt Ruapehu, SE basin, pr on 28/12 on lava flow behaving as though they had a nest in the area; Junction of Round the Mountain track & Mangatoetoeenui R, pr on gravel desert area on 29/12 (C. Jones per KLO). [G/W] Muriwai Lag, 14 on 14/8 (MAW, JCH). Mahanga B, 20 in prs spread over about 4km, behaviour suggested eggs/chicks not present on 6/9 (GRP). Oraka B, 10 with young on 12/10, 58 on 23/1; Wairau Lag, 42 on 21/7; Ngamotu Lag, 25 on 21/6 (GAF). [T] Waiongana E, 1 on 29/9, 11 on 3/1 (DGM). [Wg] Turakina E, 25 on 19/1 (TT). Wanganui E, 30 on 18/4 (GR), 42 on on 3/5 (OCT), 60 on 1/6 (GR). [M] Manawatu E, max c90 on 17/4 (JL&MM). Ohau E, 16 on 28/7 (MO). [HB] Westshore Lag, 6 feeding by walking on thick mat of floating algae on 25/1 (M&PWT). Ahuriri E/Westshore, 10 on 27/6 (OSNZ cen). South Marsh, c20 flocking on 21/3 (M&PWT). Waitangi E, pr with chick on 1/1, 6 on 26/1 (R&TAS). Waitangi E/Tukituki E, 46 on 17/11, 18 on 27/6 (OSNZ cen). Tukituki E, 4 ads, 8 imms on 6/2 (NAP, MTC). Okahu L, 10 on 16/4 (OSNZ). L Poukawa, 3 on 1/6 (GA&SLT). Porangahau E, 13 on 10/11, 81 on 27/6 (OSNZ cen). [Wr] Mataikona R mouth, breeding (3 chicks) on 6/11 (TCD). L Wairarapa, monthly max 316 on 26/1 (BDH, HAR). [W] Waikanae E, 3 prs on 2/11 (BAT), 26-27 on 20/6 (AJT). Wainuiomata Coast Rd, 4 on beach on 3/11 (KO).

BLACK-FRONTED DOTTEREL *C. melanops*

[Wk] Ruapuke, 1 juv slightly lame in left leg on 15/6 (RSS). [BP] Ferguson Park, Tauranga, 1 on 10-19/7 (RVH). Matata, 4 on 13/7 (PCL), 2 on 1/9 & 11/9 (JAB, JD), 2 + 1 juv on 26/4 (PCL), 1 juv on 31/5 (RMW). [G/W] Pouawa, 1 on 25/10 (OSNZ). Maungawhio Lag, 2 on 12/10, 1 on 21/12; Korito Lag, 2 on 21/7, 1 on 21/6; Whakamahi Lag, 1 on 2/11 (GAF). [T] Nowell's L, Hawera, 1 on 1/5 & 8/6 (AMD). [Wg] Turakina E, 1 on 19/1 (TT). Wanganui, Whangaehu Harakeke Res, 2 on 28/2 (GR). [M] Moutoa Sluice, 12 on 18/4 (JL&MM). Ohau E, 3 on 25/10 (MO). [HB] Present on 10 out of 50 wetlands surveyed on 15-17/4, total count 124, highest counts – L Rotokare, 32; L Poukawa, 44 (OSNZ, DOC). Napier to Tukituki E, 13 on 17/11 (OSNZ cen). Ahuriri E, 41 on 1/6 (R&TAS), 52 on 27/6 at top of estuary (OSNZ cen). East Clive/Tukituki E, 9 on 27/6 (OSNZ cen). East Clive, 8 at pool by sewer outfall on 19/9; Tukituki E, 2 on 2/11 (R&TAS). Maraetotara R mouth, 10 on 12/6 (BMT). HB rivers, nesting usually in Oct but a distraction display was seen on 11/7, first nest found on 19/9 (M&PWT). Porangahau E, 3 on 27/6 (OSNZ cen). [Wr] Waingawa, east Taratahi, 13 on irrigated farm on 6/9 (TCD). Kourarau Dam, 8 on 1/3 (JAD). Homebush SP, Masterton, 20 on 9/5/91, 12 on 12/4 (TCD). L Wairarapa, monthly max 66 on 28/6 (BDH, HAR). [W] Waikanae E, 3 adults on 26/5 to 6/6 (D&MS, AJT *et al.*).

LARGE SAND DOTTEREL *C. leschenaultii*

[FN] Parengarenga H, 1 on 25/1 (RJP). [A] Taporu Sand I, 1 on 8-10/12 (GNG, GRP, PJM).

MONGOLIAN DOTTEREL *C. mongolus*

[FN] Parengarenga H, 2 on 1/1 (GRP). [SA] Miranda, 1 on 3/10 & 12/10 (AS&JMR, HGS).

WRYBILL *Anarhynchus frontalis*

[FN] Parengarenga H, 32 on 25/11, 83 on 23/2, 130 on 20/6 (RJP, GRP). Houhora H, c50 on 21/6; Karikari Bay, 6 on 23/1 (RJP). [N] Whangarei H, 105 at Skull Crk on 20/7, 74 on 27/3, 101 on 10/5 (GRP, GNG). Ruakaka E, max 8 on 23/3 (CB, JS). [A] Taporā Sand I, 104 on 11/8, 84 on 22/2 (GNG). Papakanui Spit, 33 on 13/7 (GRP). Jordans, Kaipara H, 143 on 24/2 (GNG). Pollen I, Auckland, c190 on 12/4 (EKC). [SA] Manukau H: 2 on 8/12 (AJG, MJT, OSNZ cen); Kidds, 500 on 3/8 & 20/2 (PJA, AMH), 1500 on 19/3 (DGB); Seagrove, 47 on 11/7 (GRP). Conifer Grove, Mahia Inlet, 102 on 18/5; Westfield, Otahuhu, 400 on 23/6 (AMH). FoT, 31 on 10/11, 1700 on 7/6 (OSNZ cen, AJG). Miranda, 21 on 29/1 (GRP). Omana Spit, Matarangi, 2 on 9/3 (EEP). [BP] Sulphur Pt, 5 on 10/11, 65 on 7/6 (KLB, RSC, GIH). Pukehina Spit, c30 on 22/3 (PCL). Ohiwa Spit, 1 on 13/2 (WHS). [G/W] Muriwai Lag, 21 on 14/8, 57 on 24/2, 51 on 1/6 (JCH). [Wg] Wanganui E, 2 on 7/11 (TT). [M] Manawatu E, 16 on 2/7 (D&MS), 17 (none banded) on 22/3 (GAT, AJT) & 21/4 (BAT), max 21 on 23/5 (JL&MM). [HB] Ahuriri E, nil on 17/11 & 27/6 (OSNZ cen), many sightings of single bird at Westshore and other sites from 25/1 to 1/6, a second bird at South Marsh on 4/3 (TAS, PWT *et al.*). Tukituki E, 3 on 24/11 (R&TAS). Porangahau E, 1 on 10/11, 71 on 27/6 (OSNZ cen). [Wr] L Wairarapa, 2 on 31/8 (BDH, HAR), 1 on 20/11 (D&MS). [W] Waikanae E, max 12 on 18/8 (AJT, JL).

PACIFIC GOLDEN PLOVER *Pluvialis fulva*

[FN] Parengarenga H, 60 on 9/11, fewer than usual; Rangaunu H, 70 on 9/11 (RJP). Waimango Swamp, Karikari Bay, 15 on 29/12 (GNG). L Ohia, 130 on 14/11 (GRP). [N] Whangarei H: 23 at Mangawhati Pt on 14/12, 53 at Port Whangarei on 25/12, 30 at Takahiwai on 4/1, 64 at Port Whangarei on 25/1, 55 at Skull Crk on 1/2, 52 on 27/3 when most were in breeding plumage (GNG, GRP). [A] Taporā Sand I, 12 on 9/10, 18 on 22/2 (GRP, GNG). Jordans, Kaipara H, 38 on 24/2 (GNG). [SA] Karaka, 30+ on 4/2 (D&MS). Mataitai, Clevedon, 1 on 15/9 (SAFT). Miranda, 1 on 9/9 (HGS). Kuaotunu, 1 on 15/12 (JLM). [BP] Maketu, 2 early arrivals on mudflats feeding on 7/9, c20 well spread out feeding on low tide flats, 1 watched for some time was feeding primarily on marine worms on 2/1, c10 at high tide roost on 22/3 (PCL). Kaituna Cut, 40 on 24/11 (BC), 38 on 6/2 (GG&LJB). Ohiwa Spit, 2 on 23/9 (WHS), 3 on 13/10 (PCL), 12 on 22/3 (WMH). [G/W] Port Awanui wave platforms, 2 on 27/10 (HAR). Maungawhio Lag, 8 on 16/11; Wairoa E, 15 on 10/1 (GAF). [T] Waiongana E, 3 on 29/9 had arrived after 21/9, 4 on 6/10 (all still showing some black on belly), 5 after 16/10 (DGM). [M] Manawatu E, 2 on 15/9, 24 on 28/10, 26 on 21/12, max 27 on 22/2, 26 on 22/3, 3 on 5/4 (JLM, P&RS, AJT, GAT). [HB] Ahuriri E, 5 on 29/9, 15 on 6/10, 23 on 12/10, 30 on 19/10, 21 on 17/11 (OSNZ), c30 on 4/3 (ACS, NAP), 16 in grass on Watchman Rd (new area) (M&PWT). [Wr] L Wairarapa, monthly max 48 on 18/12 (BDH, HAR).

GREY PLOVER *P. squatarola*

[FN] Parengarenga H, 1 on 23/2, 2 on 24/3; Rangaunu H, 1 on 9/11 (RJP).

SPUR-WINGED PLOVER *Vanellus miles novaehollandiae*

[FN] Parengarenga H, c100 on 21/6 (RJP). Punakitere Rd, 50 in paddock on 4/4 (MT). [A] Claris, Gt Barrier I, 2 on 19/9 (EEP). Continuing to spread & increase in region (MJT). [SA] Manukau H, 75 on 8/10 (OSNZ cen, AJG, MJT). Kirks, 82 on 14/7 (AJG). FoT, 35 on 10/11 (OSNZ cen, AJG). [Wk] Waikato Hydro Ls: recorded at all lakes except Waipapa, max at L Karapiro, 131 on 27/4 (AS&JMR). [BP] Tauranga H: Tuapiro, 8 on 10/11 (JRP); Aerodrome Bay, 3 on 7/6 (GG&LJB); Sulphur Pt, 5 on 7/6 (KLB). Papamoa, pr with c2 day old chick on 9/9, flock of 33 flying overhead on 18/5 & at least 40 on 11/6; Kaituna Cut, 8 on 7/9, incl. pr nesting by lagoon on 15/9 (PCL), 24 on 6/2 (GG&LJB). Little Waihi, 2 on 8/9; Matata, 3 on 26/4 (PCL). Tarawera R mouth, 7 on 23/11, 14 on 9/2 (RMW). Rangitaiki E, 3 on 26/4; Ohiwa, 3 on 13/10 on Ruatuna Rd (PCL), 5 at Tunanui Stm on 26/1 (RMW). Waiotahi, 4 on 23/11; Waioeka E, 11 on 22/11; Waiaua E, 2 on 13/10, 36 on 22/11 (WHS). [VP] Ngakuru, 45 in field near L Ohakuri on 30/12/90 (EKC). Tongariro NP, 2 on 20/12 (JLM). [G/W] East Cape to Gisborne, 231 seen on coast from 25-27/10 (OSNZ), now breeding freely from Ruatoria to Wairoa (MAW, JCH). Gisborne, 11 on 4/2 in Nelson Park, now invading city (MAW). Muriwai Lag, pr nesting on 24/8 (MAW, JCH), 62 incl. juvs on 22/9 (MAW). Korito Lag, 227 on 21/6; Wairau Lag, 136 on 21/7 (GAF). Mahanga B, 21 in 2 flocks on open beach on 6/9 (GRP). [T] Urenui E, 17 on 18/4 (GA&SLT). Waiongana E, 52 on 30/11 (DGM). [Wg] Aramoho, 7 on 30/7 (TT). [M] Manawatu E, max c40 on 3/8 (JL&MM). Foxton Viaduct, flock of 100-200 on 2/7 (D&MS). Foxton B, 15 on beach at low tide on 6/2; Whirokino-Moutoa, 110 on 13/7, 104 on 22/12; Moutoa Sluice, 32 on 2/5 (JLM). [HB] Puketitiri, pr with chicks on 15/9 (R&TAS). Ahuriri E/Westshore, 105 on 17/11, 92 on 27/6 (OSNZ cen). Westshore Lag, pr with chick on 25/8 (ARG, ACS, KVT), pr with 2-3 chicks on 23/9 (ALH, MTC). Napier to Hastings, flocks of up to 200 on ploughed land Aug-Sept, c150 on 12/8 settled at dusk into furrows between rows of asparagus stubble (MTC). Awatoto, c100 in feedlot on 31/5 (CFM, JGH). L Poukawa, flock of c70 on 10/9 (GRP). Aramoana B, flock of 13 on 30/5 (GA&SLT). Porangahau E, 10 on 10/11 (OSNZ cen). [Wr] Masterton, pr nested on hospital lawn on 22/5, all eggs hatched & fledged successfully (PN). L Wairarapa, monthly max 729 on 18/12 (BDH, HAR). [W] Waikanae, c60 on 28/7 (AJT).

TURNSTONE *Arenaria interpres*

[FN] Parengarenga H, 1700 on 5/12 (GNG), 1400 on Kokota Spit on 23/2 (RJP, GRP), max 3100 on 24/3, c600 on 20/6 (RJP). Maunganui Bluff, Ninety Mile B, 60 on 30/12 (GRP). Rangaunu H, 550 on 23/1 (RJP). Waimango Swamp, Karikari Bay, 38 on 29-30/12, 50 on 12/2 (GRP, GNG). L Ohia, 15 on 14/11 (GRP). [N] Waipu E, 14 on 29/9, 23 on 12/11, 49 on 29/3, 20 on 12/4, 12 on 21/6 (GRP). [A] Mangawhai E, 46 on 8/12, 17 on 21/4 (GRP, GAP). Waikiri Crk, Tabora, 100 on 8/12 (GRP). Tabora Sand I, 12 on 11/8, 200 on 9/10, 329 on 22/2 (GNG, GRP). [SA] Manukau H:

342 on 8/12 (OSNZ cen, AJG); Kirks, 40 on 14/7; Kidds, 58 on 29/7 (AJG, SAFT), 300 on 20/2 & 19/3 (DGB, AMH); Seagrove, 18 on 11/7 (GRP), 52 on 6/5 (AMH). Miranda, 10 on 14/8, 65 on 29/9 (HGS *et al.*). FoT, 110 on 10/11 (OSNZ cen, AJG). [Wk] Te Motu I, Kawhia H, 3 on 10/12 (ASR *et al.*), 1 on 18/6 (BAW). [BP] Bowentown shellbanks, c200 on 10/11 (PCL). Kaituna Cut, 29 on 24/11 (BC). Maketu, 9 on 15/9, c20 feeding on low tide flats on 2-4/1 (PFB, PCL), 11 roosting at high tide on sandbank by marae on 26/4; Ohiwa Spit, 1 from 13/10 to 22/3 (PCL, WHS, WMH). [G/W] Oraka E, 3 on 16/11, 7 on 21/6; Whakamahi Lag, 1 on 30/11 & 17/1 (GAF). [T] Waiongana E, 4 on 26/10 (DGM). Near Okato, 1 on 3/1 (RWB). [M] Manawatu E, first bird on 29/9, 5 on 28/10, up to max of 34 on 27/1, down to 9 a week later & 3 by end of March (JL&MM, D&MS, WC, AJT, GAT). [HB] Waitangi E, 4 on 17/10 (KVT), 4-7 on 29/11 (ARG, ALH), 12 on 4/1 (R&TAS), 6 on 17/1 (GRP), 2 on 12/4 (M&PWT). East Clive, 1 on 19/9, 9 on 2/11 (R&TAS), 11 on 17/11, nil on 27/6; Tukituki E, 5 on 17/11, nil on 27/6 (OSNZ cen). [Wr] L Wairarapa, 1 on 31/10 & 17/11 (BDH, HAR). [W] Waikanae E, 1 on 28/9, 6 on 21-24/11, 1 on 7/12 (JL, AJT, BAT, MAF).

LESSER KNOT *Calidris canutus*.

[FN] Parengarenga H, 9500 on 5/12 (GNG), max 13500 on 9/11, c10000 Dec-Feb, 5000 on 24/3 (RJP). Kowhai Bay, c2500 on 10/11 (GRP, KH). Rangaunu H, max 3500 on 23/1 (RJP). [N] Whangarei H: 800 at Port Whangarei on 28/9, c1500 at Skull Crk on 13/10, 4500 on 24/11, 3000 on 29/11 at Tokitoki Crk, 107 at Skull Crk on 20/4 (GNG, GRP). Ruakaka E, 1 with orange flag on 30/10 (RJP). [A] Mangawhai E, c500 on 8/12 (GRP). Taporu Sand I, 150 on 11/8, c1500 on 9/10 (GNG, GRP). Jordans, Kaipara H, 3500 on 24/2 (GNG). [SA] Manukau H, 22433 on 8/12 (OSNZ cen, AJG, MJT). Mataitai, Clevedon, 380 on 6/11, 1500 on 26/12 (AJG). FoT, 3065 on 10/11, 1835 on 7/6 (OSNZ cen, AJG). Miranda, 12 feeding voraciously on 18/8 (ASR). Whitianga, Taputaputa, Ohuka B & Buffalo B, 1 on 5/10, 2 on 8-16/10, 7 on 2/12 (MBM). [BP] Bowentown shellbanks, c20 on 10/11; Kaituna Cut, c60 on 24/11 (PCL). Maketu, 23 at roost on marae sandbank at high tide with godwits on 24/11 (KLB), c200 feeding on low tide flats on 2-4/1, 63 on 22/3 with only 1 or 2 showing any signs of colouring up (PCL). Ohiwa H, 3 on 23/11 at spit, 3 on Tern I on 5/12 (WMH), 10 at spit on 21/2 (WHS). Waiaua E, 2 on 26/9, 5 on 30/9 (WMH, WHS). [G/W] Muriwai Lag, 2 on 25/10 (OSNZ). Oraka E, 6 on 16/11; Whakaki Lag, 8 on 12/10, 40 on 21/12 (GAF, BDH). [T] Waitara E, 1 on 16/11; Waiongana E, 1 on 26/10; 3 on 10/11; Waitotara E, 1 on 17/11 (DGM *et al.*). [Wg] Wanganui E, max 8 on 7/11 (TT). [M] Manawatu E, 9 on 14/9, 1 with orange flag from 27/10 to late Nov, 167 on 28/10, max 300+ on 1/1, c135 on 22/3, last bird seen on 24/5 (JL&MM, DGM, GAT, AJT, BAT). [HB] Ahuriri E, 1 on 16/9, 2 (1 in part breeding plumage) on 19/9 (TAS, JFN, KVT), 5 on 21/9, 6 on 17/11 (OSNZ cen). Waitangi E, 8 with godwits on 23/9, 35 on 23/11, 21 on 1/1, 14 on 17-28/1, 13 on 1/2 (R&TAS, GRP, M&PWT). East Clive/Tukituki E, 9 on 25/10 (M&PWT), 42 on 17/11 (OSNZ cen). [Wr] L Wairarapa, monthly max 8 on 17/11 & 22/3, lower than usual, (BDH, HAR). [W] Waikanae E, 1 on 5/4 (AJT, JL). Pauatahanui, 2 on 26/10 (RS).

SANDERLING *C. alba*

[FN] Parengarenga H, 1 on 26/4 & 24/6 (RJP, GRP). Waimango Swamp, Karikari Bay, 1 on 29/12 (RJP).

CURLEW SANDPIPER *C. ferruginea*

[FN] Parengarenga H, 37 on 5/12, 40 on 1/1, c80 on 25/1, 46 on 23/2, 3 all colouring up on 26/4, 12 on 20/6 (RJP, GRP, GNG). Waimango Swamp, Karikari Bay, 11 on 30/12 (GRP). [A] Taporā Sand I, 1 on 9/10 (GNG), 8 on 10/12 (GRP, PJM). [SA] Manukau H, 5 on 8/12 (AJG, MJT, OSNZ cen). Kidds, 8 on 20/2 (AMH, DAL). Miranda, 1 on 6/9, 2 on 14/9, 18 on 26/10, 27 on 5/2, 36 on 13/3 (PH, SC, BHS, D&MS, MS *et al.*), still 15 on 7/6 (OSNZ cen, AJG). [BP] Kaituna Cut/Maketu E, 19 on 6/2 (GG&LJB). [M] Manawatu E, first bird on 26/10, 2 on 28/10 & 23-24/5 (in summer plumage), 1 on 21/6 (JL&MM, AJT, BAT), Ohau E, 1 on 24/9 (HAR). [Wr] L Wairarapa, 1 on 17/11 (BDH, HAR).

SHARP-TAILED SANDPIPER *C. acuminata*

[FN] Parengarenga H, 1 from 29/11 to 5/12 (RJP, GNG), 5 on 1/1 (GRP). Waimango Swamp, Karikari Bay, 4 on 9/11, 6 on 29/12 (RJP, GNG), 5 on 12/2; L Ohia, 2 on 27/10 (GRP). [N] Waipu E, 1 from 29/3 to 12/4 (GRP). [A] Taporā Sand I, 5 on 9/10 (GNG, GRP). Jordans, Kaipara H, 4 on 24/2 (GNG). Mangere SP, 1 on 2/1 & 22/4 (AJT, SB). [SA] Miranda, 3 on 28/9, 10 on 15/12, 12 on 7/1 (AJG, PH, BHS). [BP] Kaituna Cut/Maketu, 3 on 7/9, 7 on 24/11 & 4/1 (PFB, PCL). [G/W] Whakaki Lag, 7 on 21/12 (BDH, GAF). [T] Waiongana E, 1 juv with Pacific Golden Plover on 16/10 (DGM). [M] Manawatu E, first bird on 27/10, last on 3/5, max 18 on 7-10/3 (JL&MM, D&MS). [HB] Ahuriri E/Westshore, first sighting 3 on 8/10 & 26/10 (OSNZ), 7 on 25/1 feeding by walking on thick mat of algae (M&PWT), 8 on 6/2 (BS), 9 at Watchman Rd on 29/3 (OSNZ), 2 still present on 10/5 (M&PWT). Waitangi E, 1 on 5/9, 2 on 11/9 both very pale birds (imms?) (GRP). Tukituki E, 2 on 25/10 (M&PWT). [Wr] L Wairarapa, monthly max 11 on 22/3 (BDH, HAR).

PECTORAL SANDPIPER *C. melanotos*

[N] Waipu E, 1 from Feb-March (RJP, GNG, GRP). [A] Mangere SP, 1 on 2/1 (AJT). [BP] Maketu E, 4 on 31/1 (KLO). [HB] Ahuriri E, 2 on 1-7/12 (CFM, KVT *et al.*), 2 also seen on Westshore Lag on 6/2 (BS) & Watchman Rd on 29/3 (OSNZ). [Wr] L Wairarapa, 2 on 17/11 were the only ones recorded over summer (BDH, HAR).

RED-NECKED STINT *C. ruficollis*

[FN] Parengarenga H, 15 on 5/12, 10 on 1/1, max 28 on 25/1, c20 on 26/4 (RJP, GRP, GNG, MA). Waimango Swamp, Karikari, 7 on 29/12 (RJP, GNG), 3 on 12/2 (GRP). [A] Mangawhai E, 3 from 8/12 to June, remained over winter (GRP, GAP). Taporā Sand I, 8 on 8/9 & 9/10, 13 on 8/12 (GNG, GRP, PJM). [SA] Manukau H, 23 on 8/12 (OSNZ cen, AJG, MJT). Kidds, 11 on 3/8 (PJA), 3 on 10/2, 15 on 20/4, 3 on 19/5, 4 on 20/6 (AMH, DAL). Karaka, 1 on 12/7 (GRP), at least 17 on 4/2 (D&MS). Mataitai, Clevedon, 1 feeding avidly on 15/9 (SAFT). Miranda, 1 very restless on 26/8 (FN), 4 on 3/10 (AS&JMR), 2 on 3/2 (D&MS), 1 still present on 7/6 (OSNZ cen, AJG). [BP] Kaituna Cut/Maketu, 2 in winter plumage on 7/9 & 24/11 (PCL,

BC), 6 on Maketu E on 4/1 (PFB, PCL). [M] Manawatu E, first bird on 26/10, 2 on 28/10, max 10 on 7/3, 8 on 22/3, 5 on 2/6 (JL&MM, GAT, AJT, D&MS). [HB] Ahuriri E, 3 on 17/11 (OSNZ cen). Watchman Rd, 3 on 4/3 (ACS, NAP) & 29/3 (OSNZ). South Marsh, 2 on 7/12 (KVT, MTC), 4 on 21/3 (M&PWT). Waitangi E, 2 on 14/7 (JGH, CFM) & 25/10 (M&PWT), 4 on 26/1; Tukituki E, 5 on 2/11 (R&TAS), 6 on 17/11; Porangahau E, 8 on 10/11, 3 on 27/6 (OSNZ cen). [Wr] L Wairarapa, 1 on 20/11 (D&MS).

BROAD-BILLED SANDPIPER *Limicola falcinellus*

[A] Taporā Sand I, 1 on 8/12 (GNG). [M] Manawatu E, 1 from 19/1 to 3/5 (JL&MM *et al.*), still reported to be present in mid May (BDB).

EASTERN CURLEW *Numenius madagascariensis*

[FN] Parengarenga H, 1 on 9/11, 3 on 29/11 (RJP), 2 on 5/12 (GNG). [SA] Manukau H, 9 on 8/12 (OSNZ cen, AJG, MJT). Kirks, 1 on 14/7 (AJG). Kidds, 1 on 3/8 (PJA). Karaka, 9 on 4/2 (D&MS). Seagrove, 1 on 11/7 (GRP). Miranda, 1 present from 14/7 (PJA) to 7/6 (OSNZ cen, D&MS). Thames, Karaka Stm, 1 on 4/7 (AJG). [BP] Rangiwaia I, Tauranga H, 1 reported on 19-20/6 (per PCL). Maketu E, 1 roosting on marae sandbank at high tide on 24/11 (KLB, BC), 2 feeding on crabs (*Helice crassa*) on low tide flats on 2-4/1; Little Waihi, 1 flew in to roost, looked very tired on 15/9 (PCL). [G/W] Wairoa E, 1 on 17/4 (GAF). [M] Manawatu E, 2 from 27/10 to 20/11, 1 from 26/11 to 29/3 (WC, JL&MM, D&MS, AJT).

ASIATIC WHIMBREL *N. phaeopus variegatus*

[FN] Parengarenga H, 16 on 5/12 (GNG), max 52 on 25/1, 6 on 20/6; Rangaunu H, 24 on 23/1 (RJP). Te Puna Inlet, 3 on several occasions from 24/1 to 9/4 (TS). [N] Taupiri Bay, 1 on 24/9 killed by cat (per PJA), 3 on 8/10 (JC). Whangarei H, 1 on 9/11 & 29/11, 8 on 4/12, 16 on 14/12, 5 on 12/1, 13 on 20/6—seen at Skull Crk, Tokitoki Crk & Takahiwai (GRP, GNG). [A] Jordans, Kaipara H, 33 on 24/2 (GNG). [SA] Manukau H, 15 on 8/12 (OSNZ cen, AJG, MJT). Seagrove, 2 on 11/7 (GRP), 7 on 6/5; Kidds, 8 on 20/6 (AMH). Miranda, 2 arrived on 4/8 (M&SG), 3 on 13/9 (GRP), 2 on 16/2 (D&MS), still present on 23/3 (D&PH). [BP] Maketu E, 5 on 2-4/1 (BDH, PCL). [M] Manawatu E, 1 from 26/10 to 17/4 (JL&MM, AJT, BAT). [W] Moa Pt, Wellington H, 1 on 14/11 (BDB).

AMERICAN WHIMBREL *N. phaeopus hudsonicus*

[FN] Parengarenga H, 1 on 20/6 (RJP). [SA] Kidds, Manukau H, 1 on 19/5 (AMH). [M] Manawatu E, 1 on 12/10 (BDB), 29/12 & 3/1 (JL&MM).

WHIMBREL sp.

[SA] Karaka, 2 on 4/2 (D&MS). Karito, FoT, 4 on 7/6 (OSNZ cen, AJG). [BP] Omokoroa Golf Course, 1 on 13/10 (MS). Kaituna Cut, 7 on 24/11 (PCL), 5 on 23/2 (JAB). Ohiwa H, 1 flying over Tern I on 5/12 (WMH). [G/W] Oraka Lag, 3 on 21/6 (GAF). [M] Manawatu E, 1 from 10/11 to 5/4 but 2 on 27-28/10 & 22/2 (JL&MM, AJT, BAT, D&MS).

EASTERN BAR-TAILED GODWIT *Limosa lapponica baueri*

[FN] Parengarenga H, max 5200 on 9/11; Rangaunu H, 5000 on 23/1 (RJP). Kowhai B, 1500 on 10/11 (GRP, KH). [N] Pataua E, 26 on 1/1 (GA&SLT). Whangarei H: 670 total on harbour on 1/7; Skull Crk, 516 on 29/7, max c3500 on 24/1 (GRP). [A] Mangawhai E, c400 on 8/12 (GRP). Taporā Sand I, c5000 on 9/10 (GNG, GRP). [SA] Manukau H, 15601 on 8/12 (OSNZ cen, AJG, MJT). Miranda, 2000 on 4-6/8 (M&SG). FoT, 2588 on 10/11, 630 on 7/6 (OSNZ cen, AJG). Colville H, 40 on 10/11 (JV&AVP). Matarangi, 200 on 10/3 (EEP). Whitianga, highest numbers during spring, 65 at Ohuka B on 7/10, still 21 on Buffalo B on 8/1, small group wintered for 3rd year, 8 on 21/5 (MBM). Tairua E, c250 on 16/12 (JLM). [BP] Tauranga H: Bowentown shellbanks, c1500 on 10/11 (PCL, GIH); Matahūi Pt, 1400 on 10/11 (RSC); Omokoroa, 1500 on 10/11 (JD, JHS), 200 on 7/6 (RSC); Sulphur Pt, c600 on 26/10 (MS), 1600 on 10/11 (RSC), 110 on 7/6 (KLB, GIH). Kaituna Cut, 650 on 24/11; Maketu, 210 on 24/11, c600 on 4/1 (PCL, KLB), c1000 on 22/3 when about 50% were well coloured, 23 on 26/4; Little Waihi, 7 on 8/9 (PCL), 600 on 24/11 (GG&LJB), 25 on 26/4 (PCL). Ohiwa H, 293 on 2/7 (WHS, GM), c3500 on 13/10 (PCL), max c4700 on 23/11 (WHS, GM), 4500-5000 on Tern I on 5/12 (WMH), 220 on 22/6; Waiotahi, 16 on 23/11 (WHS). Waiaua E, 4 on 13/10 (PCL). [G/W] East Cape to Gisborne, 287 recorded of which 247 were on Muriwai Lag on 25-27/10 (OSNZ). Muriwai Lag, 43 on 14/8 (JCH). Oraka E, 93 on 7/12 (GAF), 41 on 31/5 (AJT). Whakaki Lag, 253 on 21/12 (GAF, BDH). Wairoa E, max 186 on 2/11; Korito Lag, 60 on 21/6 (GAF). [T] Mimi E, 1 on 16/11; Waitara E, 1 on 29/9, 7 on 2/11; Waiongana E, 1 on 6/10 with groups offshore flying southward (DGM). [Wg] Wanganui E, max 57 on 4/11 (TT, OCT). Turakina E, 5 on 19/1, 55 on 18/2 (TT), 9 on 18/4 (GR). [M] Manawatu E, max 540 on 10/10 (P&RS), 338 on 22/3 (AJT, GAT), 1 in summer plumage May-June (JL&MM). [HB] Ahuriri E, 50 on 9/9 (GRP), checks made daily from 21/9 till 21/10 to determine times and number of arrivals. Birds appeared to arrive in small groups rather than the 2 or 3 big groups expected, 67 on 21/9, 90-100 on 22/9, 95 on 29/9, peaked at 240 on 12/10, decreased to 147 on 15/10 then climbed to 354 on 21/10 (MTC *et al.*), 279 on 17/11, 38 on 27/6 (OSNZ cen). Waitangi E, 20 on 5/9 (GRP), 40-50 on 29/11 (ARG, ALH), 1 on 27/6; Tukituki E, 71 on 17/11; Porangahau E, 393 on 10/11, 77 on 27/6 (OSNZ cen). Aramoana B, flock of c30 (all in winter plumage) circled repeatedly then landed by farm pond behind beach on 30/5 (GA&SLT). [Wr] Henley Ponds, Masterton, 3 on 12/11, remained for 10 days (CES). L Wairarapa, 56 along eastern edge on 27/1/91 (HAR), monthly max only 13 on 17/11 (BDH, HAR). [W] Waikanae E, 1 from 19/11 to 15/12 (JL, D&MS). Waimeha Strm, 14 flying north on 19/10 (BAT). Pauatahanui, 7 on 26/10 (RS). Petone B, 4 on 6/10 (RMC). Lyall Bay, 2 in southerly gale on 10/10 (AJT, SB).

ASIATIC BLACK-TAILED GODWIT *L. limosa melanuroides*

[FN] L Ohia, 1 on 9/11 (RJP). [SA] Miranda, 6 on 6/11 (GJE) & 4/1 (MNT per AJG). Whitianga, 1 on 28/1 on Buffalo B, still present in estuary on 21/5 (MBM). [G/W] Whakaki Lag, 1 on 29/2 with 36 Bar-tailed Godwit (GAF).

HUDSONIAN GODWIT *L. haemastica*

[FN] Parengarenga H, 1 on 29/11 (RJP). L Ohia, 1 on 27/10 (GRP).

SIBERIAN TATTLER *Tringa brevipes*

[BP] Maketu E, 1 on 4/1 (PCL). [M] Manawatu E, 1 from 9/11 to 19/4 (JL&MM, D&MS).

TATTLER sp

[FN] Parengarenga H, 2 on 24/3 (RJP).

COMMON SANDPIPER *T. hypoleucos*

[N] Whangarei H, 1 between Dec & Feb, seen at Ocean B, Smugglers Cove & Port Whangarei (GRP, G.North per RJP).

GREENSHANK *T. nebularia*

[FN] Parengarenga H, 3 on 29/11, 1 on 26/4 (RJP, GRP). [G/W] Whakamahi Lag, 1 on 21/12 (BDH), last seen on 17/1 feeding & roosting with Pied Stilts (GAF). [Wr] L Wairarapa 1 on 26/1 (BDH, HAR).

MARSH SANDPIPER *T. stagnatilis*

[A] Jordans, Kaipara H, 1 on 24/2 (GNG).

TEREK SANDPIPER *T. terek*

[FN] Parengarenga H, 1 on 24/3 (RJP). [N] Whangarei H, 3 present 23/12 to 27/3 down to 1 on 10/5, seen at Port Whangarei & Skull Crk (GRP, GNG, RJP). [SA] Miranda, 2 on 29/9 (AS&JMR), 3 on 26/10 to 26/3 (HGS, MNT per AJG). [M] Manawatu E, 1 from 20/12 to 22/3 (JL&MM, D&MS, GAT, AJT).

BROWN SKUA *Catharacta skua lonnbergi*

[A] Mangere Ponds, 1 photographed at close quarters on 27/7 (MJT). [BP] Between Mayor I and Motiti I, 1 on 21/7, 30/7 & 27/10, 1 on 23/4, 9/6 & 28/6 (JEH). [M] Ohau E, 1 very approachable on 28/7 (HAR). [W] Cook Strait, 3 following ferry at a distance on 20/1 (GRP).

ARCTIC SKUA *Stercorarius parasiticus*

Commonly reported offshore from most upper NI beaches between Dec and April. Typically seen chasing terns and gulls, forcing them to regurgitate food. More observations are needed between May and Nov to establish if birds overwinter and determine when adults depart and return from their Northern Hemisphere breeding grounds (GAT). [FN] Te Puna Inlet, 1 light phase resting on water on 23/4 (GRP, TS). [N] Piercy I, 1 on 5/12, chasing White-fronted Terns (GRP, PJM). Whananaki, 3 offshore on 28/2 (GNG, GRP, RJP). Whangarei H, 3 on 29/12, 1 in mid to upper harbour on 1/1, 2 on 17/3 (PJA) Between Whangarei H and Hen I, 6 on 12/3 (HAR). Uretiti B, 2 on 29/2 (GNG, RJP, GRP). [A] Fitzroy H, Great Barrier I, 1 harrying White-fronted Terns on 21/1; NW of Rangitoto I, 2 harrying White-fronted Terns on 20/1 (EKC). [SA] Miranda, 1 on 5/12 (SC). [BP] Off Mayor I, 1 light on 1/12, 1 light + 1 dark on 20/12, several seen chasing Red-billed Gulls and White-fronted Terns on 4/1, 1 light on 8/4 & 23/5; Off Karewa I, 2 dark on 16/4; Mt Maunganui to Motiti I, 1 dark on 18/3, 1 light on 5/4, 1 dark on 9/4, 2 light on 12/4, 1 dark on 18/4, 30/4 & 12/5, 1 light on 5/5; East of Motiti I, 1 light + 1 dark on 18/2 & 21/3; Off Town Pt, Maketu, 1 light in early Nov, 1 light + 1 dark on 26-28/11, 2 dark + 1

light on 5/12, 1 dark on 10/12, 1 light on 13/2 & 1 dark on 23/2 (JEH). Papamoa, 1 on 9/3; Off Kaituna Cut, 1 trying to rob Black-backed Gull on 2/1 (PCL). Off Whakatane, 2 pale + 3 dark on 27/2, 1 pale on 14/4 (WMH). Off Whale I, 2 on 28/12, 1 dark on 9/4 (PCL, WMH). Ohope, 1 dark on 26/11, 1 pale on 28/1; 1 dark on 17/4 (WMH). Waiaua E, 2 dark + 1 pale, complete with central tail feathers, harrying White-fronted Terns above the beach on 13/10 (PCL). [G/W] Tolaga Bay, 3 harrassing terns on 11/1 (JCH). [M] Foxton B, singles seen 2/12 to 18/4, c10 on 5/4 (JL&MM). [W] Cook Strait, 1 in distance, (probably Arctic) on 20/1 (GRP).

POMARINE SKUA *S. pomarinus*

[N] Whangarei H, 1 on 29/12, pursuing Black-backed Gulls (PJA). Off Whangarei Heads, 1 with 4 Arctic Skuas on 12/3 (HAR). Waipu E, 1 on 12/4 chasing White-fronted Terns, tail feather visible (GRP). [SA] Taramaire, FoT, 1 dark phase with full tail on 13/3 (C. Baines per AJG). [M] Foxton B, 1 on 5/4, heavier build than Arctic & with noticeably large wing flashes (JL&MM).

SKUA sp.

[BP] Between Mt Maunganui and Motiti I, single dark skua seen on 2/7 with slightly longer central tail feathers, was aggressively chasing Red-billed Gulls, bird was too small to be a Brown Skua, so presumably an overwintering Arctic/Pomarine (JEH). [HB] Awatoto, Napier, 10-12 chasing White-fronted Terns on 2/1 (usually only 1-3 seen at a time) (R&TAS). Waitangi E, 3 close to shore on 23/11, c6 on 7/12 hassling terns (M&PWT, TAS). Te Awanga, 1 pale phase with distinct neck collar chased a small gull over inshore lagoon adjacent to residential area on 1/4 (BMT). Black Reef, 2 on 24/11 (R&TAS). [W] Waikanae E, 1 small dark phase chasing Black-fronted Terns & small gulls on 5/4; Cook Strait, c4 small (Arctic?) on 1/3 (AJT).

SOUTHERN BLACK-BACKED GULL *Larus d. dominicanus*

[N] Kauri Mountain B, 150 + adults & 22 + chicks in colony c3km from northern end on 1/1 (more birds were present in dunes behind the beach) (GA&SLT). [SA] Manukau H, 222 on 8/12 (AJG, MJT, OSNZ cen). FoT, 1001 on 10/11, 217 on 7/6 (AJG, OSNZ cen). [Wk] L Maraetai, 1 on 25/3; L Whakamaru, 2 on 24/3; L Ohakuri, 1 on 23/3 (AS&JMR). Taharoa B, 30 on 6/9 & 30/10 (ASR). [BP] Panepane Pt, Matakana I, 178 on 10/11, 133 on 7/6 (GG&LJB). Kaituna Cut/Maketu, c200 on 4/1 (PCL). Taumaihi I, near Motiti I, nesting on 18/2 (KLO). [VP] Mt Tarawera, breeding colony present on upperslopes (PCL). Rangitaiki R frost-flats, 2 colonies on 10/12 (MS). [G/W] East Cape to Gisborne survey: total of 1566 birds counted on coast on 25-27/10. Breeding colonies at Waipatu R (5km upstream) (36 nests), Mawhai Pt (22 nests), Marau Pt (12 nests), Moutera Pt (30+ nests), Gable End Foreland (70 nests), Whangara I (70 birds present), Muriwai Lag (250 birds present) (OSNZ). Whangara, c370 on flooded paddock on 1/6 (AJT, SB). [T] Waitotara E, only c20 nests on 17/11 (DGM *et al.*). [Wg] Wanganui E, 795 on 14/8 (AJT). [M] Manawatu E, max c300 on 22/2 (JL&MM). [HB] Ahuriri E/Westshore, 136 on 17/11, 188 on 27/6; Waitangi E to Tukituki E, 168 on 17/11, 246 on 27/6; Porangahau E, 358 on 10/11, 66 on 27/6 (OSNZ cen). Akitio Spit, 15 on 29/5 (GA&SLT). [W] Mt Victoria, 1 adult

caught by cat on roof but escaped minus some feathers on 14/6 (AJT). Cook Strait, 100's on 19/10, common all across strait (GAT).

RED-BILLED GULL *L. novaehollandiae scopulinus*

[FN] Cape Reinga, several thousand in paddocks on 26/9; Tauranga Bay, c100 on 25/9 nesting on rock stack (DAL). [N] Paparahi I, 50 nesting on 9/12; Knight I, Whangarei, 100 prs nesting on 17/11, 51 dead chicks on 14/12, partly eaten, around Black-backed Gull colony (GRP). [SA] Manukau H, 207 on 8/12 (AJG, MJT, OSNZ cen). FoT, 12 on 10/11, 1330 on 7/6 (AJG, OSNZ cen). Kuaotunu B, for second year they did not breed (MBM). [Wk] Kawhia H: Morrison's Roost, 4 nests + 2 independent chicks on 10/12; Ope Ope Rocks, c70 nesting incl. young from downy to almost feathered on 10/12; Te Motu, 1 chick on 10/12 (ASR *et al.*). [BP] Bowentown, c300 on 7/6 (PCL). Ohiwa H, 62 resting on sandbank at mouth of Tunanui Stm on 26/1 (RMW). [G/W] Moutara I, Tolaga Bay, c60 prs nesting on 26/10. Only colony located between East Cape and Gisborne during coastal survey (OSNZ). [T] Waitara, 1 dead on 10/7, banded at Kaikoura on 10/11/86 (JCM). [Wg] Wanganui E, 453 on 13/6 (OCT). [M] Manawatu E, 12 on 22/3 (GAT, AJT). [HB] Ahuriri E, 1 on 17/11, 15 on 27/6 (OSNZ cen). Marine Parade, Napier, 75 on 2/5 (none banded); Waitangi E, 130 on 2/5 (none banded) (M&PWT). Tukituki E, 51 on 27/6 (OSNZ cen). Porangahau E, colony of 35 birds & 9 nests in Nov, had been flooded out when checked again on 1/12. First nesting attempt here since 1988 (CFM, JGH, MJ, BS). [Wr] L Wairarapa, rare visitor, 2 on 11/4, 1 on 28/6 (BDH, HAR). [W] Cook Strait, 10's present all across strait on 19/10 (GAT), c220 on 17/11 at entrance to Tory Channel (AJT).

BLACK-BILLED GULL *L. bulleri*

[SA] Manukau H, 20 on 8/12 (AJG, MJT, OSNZ cen), small numbers now reported regularly; Mataitai, Clevedon, 22 (pr copulating) on 6/11, 60 with 7 chicks on 26/12, 9 still sitting on 15/1 (AJG). Miranda, 300 on 20/10 (DAL) but did not breed. FoT, 406 on 10/11, 88 on 7/6 (AJG, OSNZ cen). [BP] Little Waihi, 4 on 26/4; Matata, 1 on 26/4 (PCL). Ohope Spit, some present on 23/11 (WMH). Ohiwa, 44 on 13/10, 6 on Tern I on 5/12 (PCL, WMH). [VP] Sulphur Bay, L Rotorua, 438 on 21/4 roosting in large flock (incl. several juvs) behind Polynesian Pools (GAT). Tongariro R Delta, L Taupo, colony of 38 adults, 13 nests, 12 chicks & 16 eggs (JGI, J&WD, AS). [M] Manawatu E, 49 on 22/3 (GAT, AJT). [HB] Ahuriri E, 7 on 17/11 (OSNZ cen). Marine Parade, Napier, 230 on 31/5, roosting with 100's of Red-billed Gulls (GAT). Waitangi E, colony of c100 on 17/11 nested with White-fronted Terns at site not used for many years. Birds present until January & many chicks hatched. Colony almost abandoned by 26/1 but 9 downy young seen swimming in river (MJ, TAS *et al.*). East Clive, mixed flock of 118 Red-billed & Black-billed Gulls on 31/5 (OSNZ). DOC/OSNZ wetland survey on 17-19/4, 181 reported but seen at very few inland lakes. Maximum was 167 at Waipukurau SP and small numbers at L Oingo, Hurimoana Swamp (Fernhill), L Rotorunga (Waipukurau) and L Hatuma (OSNZ cen). Kairakau B, 1 on 30/5 (GAT). Porangahau E, colony of 70 birds with c10 nests on 17/11, but destroyed by floods by 1/12 (CFM, MJ, BS), 17 on 27/6 (OSNZ cen). Cape Turnagain, 4 on 5/10 (AJT, SB). [Wr]

Riversdale, 1 on 23/2 (AJT). Henley Ponds, Masterton, 87 colonised small artificial gravel island in Nov. There were 8 nests but birds deserted the colony on 15/12 before any eggs hatched (TCD). L Wairarapa, monthly max 208 on 7/7 (BDH, HAR).

GULL-BILLED TERN *Gelochelidon nilotica*

[A] Jordan's, Kaipara H, 3 on 30/5/91 (DFB). [HB] Ahuriri E/Westshore Lag, 1 on 8/7 & 29/7 (M&PWT, R&TAS), absent during summer until 1 on 9/2 (BL), present again on 2/5 (BDH, KVT) & 1/6 (R&TAS).

BLACK-FRONTED TERN *Sterna albobriata*

[BP] Tarawera R mouth, 6 (5 adults + 1 first year) on 27/7, 6 on 26/6; Rangitaiki E, 6 on 29/6 (WMH). [M] Manawatu E, 1 imm on 11/2 (D&MS), 25 + on 5/4, 1 on 6/6 (JL&MM). [HB] Marine Parade, Napier, 6 imms on 3/5 (R&TAS), max 32 on 31/5 (M&PWT), 30 on 23/6 (ARG). Meeanee, c3km inland from coast, 13 + on 29/6 with one chasing Spur-winged Plover. Birds occasionally hawk over wet/ploughed paddocks inland from coast (MTC). Waitangi E, 1 adult on 12/4 (first sighting for season, normally around this date), 2 on 17/4, 5 on 2/5 (M&PWT, AJT, SB). Tukituki E, 8 on 29/4 (KVT, ARG). Porangahau E, 3 in eclipse/imm plumage on 23/2 (BS). Summer sightings are unusual in region (MTC). [Wr] L Wairarapa, 3 on 22/2 first record in 7 years of counts on main lake (HAR, BDH). [W] Waikanae E, 168 on 30/5/90 (HAR), 27 on 5/4 (AJT), c60 on 26/5 (D&MS). Pukerua Bay, 8 on 10/4 (EMG, D&MS).

CASPIAN TERN *S. caspia*

[FN] Parengarenga H, 10 prs breeding on Kokota Spit in Jan-Feb, 48 on 20/6 (RJP). Ninety Mile B, few prs on 26/9 between Te Paki Stm and Bluff (DAL). Rangaunu H, nesting on Walker I, 217 adults, 19 juvs & 3 chicks on 23/1 (widespread desertion of eggs & death of chicks) (RJP). [N] Knight I, Whangarei, c30 prs + 2 chicks noted, 30 chicks on 14/12 & 21 on 28/12 (GRP). [A] Mangawhai Spit, colony of 30-40 prs & chicks raised; Tapora, colony of 30-40 prs & chicks raised (SPC, MJT), scores of eggs of this species & White-fronted Terns were found buried in sand on island off Waikiri Crk on 10/12 (site was washed over by tides 2 weeks earlier) (GRP, PJM). [SA] Manukau H, 63 on 8/12 (AJG, MJT, OSNZ cen). Karaka, 104 on 12/7 (GRP). Drury SP, 24 on 21/2 (AMH). FoT, 3 on 10/11, 87 on 7/6 (AJG, OSNZ cen). [Wk] L Whangape, 5 on 29/3 (DAL). Waikorea B, max 3 on 15/5 (PDB). Ruapuke B, max 6 on 12/4 (AS&JMR). Kawhia B, 2 on 16-18/6 (PCC, PDB). Taharoa B, max 3 on 3/5; L Whakamaru, 1 on 24/3 (AS&JMR). [BP] Tauranga H: Bowentown shellbanks, 20 on 10/11, 50 on 7/6; Matahui Pt, 6 on 10/11; Omokoroa Golf Course, 6 on 10/11; Sulphur Pt, 15 on 10/11, 56 on 7/6; Matakana I, c100 adults & 50 juvs at the colony near Panepane Pt on 16/12 (PCL, RSC, KLB, GIH). Maketu E, 3 prs + 1 sub-adult on 4/1; Little Waihi, 2 on 8/9, 22/3 & 26/4 (PCL). Tarawera R mouth/Matata, 3 on 23/11 (WMH, RMW). Ohiwa H, 3 on Ruatuna Rd on 23/11; Ohiwa Spit, 9 on 23/11, 19 on 22/3 (WMH, WHS, PCL). Tern I, pr with nest on 5/12 (WMH). Waiaua E, 5 on 22/11 (WMH, WHS). [VP] Sulphur Bay, L Rotorua, 25 on 21/4 in flock at Travel Lodge Flats (all moulting on cap) (GAT). Pukawa, L Taupo, 1 on 3/6 (AJT, SB). [T] Awakino, 2 on 26/1 & 22/2 (CL, WBM). Waiongana E, 2 on 21/9

(DGM). [Wg] Turakina E, 4 on 26/1 (TT). Wanganui E, 3 on 18/2, 14 on 18/4 (TT, GR). [M] Manawatu E, 30 on 21/4 (BAT), max 48 on 2/5 (JL&MM). [HB] Ahuriri E, 5 on 15/2 (ACS, RW), max 9 on 31/5 (GA&SLT). L Oingo, 2 inland on 17/4 (JGH, CFM). Waitangi E to Tukituki E, 9 on 17/11, 6 on 6/2, 16 on 22/3, max 18 on 17/4, 10 on 27/6 (OSNZ cen, NAP, MTC, M&PWT). Te Awanga, 6 on 28/6 (incl. 1 juv still calling for food) (BMT). Porangahau E, 30 nesting (9 nests) with gulls & terns on 17/11 but colony destroyed by floods by 1/12 (CFM, JGH, MJ, BS), 8 on 27/6 (OSNZ cen). [Wr] L Wairarapa, monthly max 14 on 26/1 (BDH, HAR). [W] Hutt R, 2-3 up to c20km upstream on 17/5 (AJT).

WHITE-FRONTED TERN *S. striata*

[FN] Seabird transects on east coast, Northland, revealed few birds at sea, concentrations in harbours and poor breeding success at Walker I and BoI colonies (RJP). [N] Paparahi I, 3 nests among Red-billed Gull colony on 9/12 (GRP). Onerahi Pt, 100 roosting on 18/4 (PJA). Pouto B, c180 in flock on 28/12 (GA&SLT). [SA] Manukau H, 75 on 8/12 (AJG, MJT, OSNZ cen). FoT, 243 on 10/11 (OSNZ cen), incl. 200 at Access Bay, nuptial displays & copulating (KW). These failed to breed (AJG). [Wk] Waikorea, 102 on 20/12, down to 5 on 14/3, 40 on 15/5 (PDB). Ruapuke, 23 on 1/3; Taharoa, 31 on 3/5 (AS&JMR), 120+ on 26/6 (BAW). [BP] Bowentown shellbanks, 1 on 10/11 & 7/6; Papamoa B, a few fishing offshore on 19-26/1, 14 roosting on 29/2, c70 on 8/3, c40 on 27/3, seen most days of April with max c100 on 17/4, c250 on 4/5, present most days to 12/5 then only 1 seen thereafter in May & only 3 sightings in June (PCL). Maketu, c100 on 24/11, c50 on 22/3 (KLB, PCL). Little Waihi, 8 on 24/11, c75 on 22/3, 22 on 26/4 (GG&LJB, PCL). Tarawera R mouth, 8 on 23/11, 47 on 26/4 (RMW, PCL). Rangitaiki E, 5 on 23/11, 6 on 22/3, c30 on 26/4 (WMH, PCL, RMW). Ohope, 168 on 23/11 (WMH). Waioeka E, 5 on 22/11 (WHS). Waiaua E, c600 on 13/10 (PCL). [G/W] Marau Pt, c50 prs nesting on 26/10. Only colony recorded between East Cape & Gisborne during coastal survey (OSNZ). [T] Waitara R mouth, 11 on 19/4 (GA&SLT). Waitotara E, 109 on 17/11 (DGM *et al.*). [Wg] Wanganui E, 20 on 17/4 at South Mole (GR). [M] Manawatu E, c300 on 20/12, c2000 on 5/4 (JL&MM). [HB] Waipatiki B, 24 on 28/3 (R&TAS). Marine Parade, Napier, 300-400 on 7/8, 35 on 2/5 (KVT, M&PWT). Waitangi E, colony of c600 on 17/11 (larger than usual) nested with Black-billed Gulls at site not used for many years. Nest site was successfully fenced by DOC. Colony well established by 24/11 & many chicks produced. Some chicks were lost in floods & colony was deserted by 26/1 (MJ, TAS), 12 on 2/5 (M&PWT). Black Reef, Cape Kidnappers, 23 on 10/8 (R&TAS). Kairakau B, c220 on 18/3 (NAP, ACS). Porangahau E, colony of c400 on 17/11 (nesting with gulls & Caspian Terns) but nests lost by flooding by 1/12 (CFM, MJ). Cape Turnagain, 14 on 30/5 (GAT). [W] Mana Inlet, 20 on 26/1 (MP, KP). Cook Strait, singles or small groups seen on ferry crossing on 19/10 (GAT).

NEW ZEALAND FAIRY TERN *S. nereis davisae*

[N] Waipu E, pr raised & fledged 2 chicks (both banded) in 91/92 summer (RS, GRP, RJP), 1 still present on 28/2 (GNG). [A] Mangawhai E, 3 on 9/10 chattering loudly to each other (GNG), 3 prs on spit & pr on

island (total 4 prs in 91/92 summer) raised 4 chicks to fledging (3 were banded on 23/2), 1 pr had sat for 37 days on 2 eggs which failed to hatch (GRP, RJP). Te Arai Pt, 1 on 7/12 (GNG). Taporā, autumn flock of 13 on 21/4 included 1 imm at Waikiri Crk (GAP, GRP). Papakanui Spit, South Kaipara Head, 2 on 13/7 (GRP), pr attempted nesting (GAP).

EASTERN LITTLE TERN *S. albifrons sinensis*

[FN] Parengarenga H, 2 from 9/11 to 23/2, 1 on 5/5 (RJP, GNG). Rangaunu H, 45 on 23/1 (RJP). [N] Port Whangarei, 5 on 25/12 (GRP). Tokitoki Crk, 5 on 29/1 (GNG). [SA] Manukau H: 9 on 8/12 (AJG, MJT, OSNZ cen); Karaka, 11 on 4/2 (D&MS); Kidds, 5 on 19/5 (AMH). Miranda, 3 on 26/10 (HGS) & subsequently (OSNZ per AJG), 3 on 29/1 (GRP). [BP] Kaituna Cut-Maketu E, 1 in non-breeding plumage on 24/11, 1 feeding well up estuary on 2/1 (PCL, BDH). [M] Manawatu E, 2 on 14/10 (JL&MM). [HB] Tukituki E, 2 on 25/10 (M&PWT).

ARCTIC TERN *S. paradisaea*

[W] Waikanae E, 1 in non-breeding plumage on 7/12, appeared sick on 8/12, found dead on 10/12 (AJT, BAT, JL, BDH, HAR).

CRESTED TERN *S. bergii*

[W] Pukerua Bay, 1 present 15/9 to 6/10 (JW, AM, EMG, D&MS).

EASTERN COMMON TERN *S. hirundo longipennis*

[W] Waikanae E, 1 in non-breeding plumage on 8/12 (AJT).

COMMON/ARCTIC TERN sp

[M] Manawatu E, 1 on 23/12 (JL&MM).

GREY TERNLET *Procelsterna cerulea albivittata*

[N] Sugarloaf Rock, Poor Knights, c30 on 17/2, flying about & perching in rock fissures. Most were seen feeding along the leading edge of a large school of trevally which were feeding on the surface on small bright pink shrimps (TCG).

NEW ZEALAND PIGEON *Hemiphaga novaeseelandiae*

[N] Motukokako (Piercy) I, 4 (2pr?) on 4-5/12 (GRP, PJM). Northland, nesting July to Feb (RJP). [Wk] Waingaro, 1 feeding on *Coprosma rotundifolia*, lacebark & tree lucerne on 21/8 (RS, WS). Gordonton, 1 regularly visiting garden in spring (DJR). Hamilton, 1 at Avalon Dr on 22/9 (PDB), 1 injured on 18/11 taken to Hilldale Zoo (BLP). [BP] Rangiuru School, 1 in puriri tree on 2-3/10 (RL). Braemar Rd, Matata, 4 on 11/4 (RMW). Te Puke, No.3 Rd, infrequent sightings of 1 or 2 in July, May & June (PCL). [VP] Okoheriki Block, Tarukenga, Rotorua, 1 on 9/3 (KLO). [G/W] Gisborne, increasing in vicinity of Long Bush 24/11, Botanical Gardens, 3 on 6/3 (MAW). Morere SR, 12 on 23/4 (JCH, MAW). [T] Pukeiti Rhododendron Trust, 1 on 3/8 feeding on lacebark leaves, another on 8/9 feeding on *Coprosma grandifolia* and mahoe leaves by ripping segments out (DGM). [Wg] Wanganui, 2 on 2/7, 3 on 18/11, regular visitors throughout the year (TT). [HB] Boundary Stm SR, at least 100 counted flying in large flocks. Feeding on horopito berries close to ground on 9/7 (BS). Waitara Rd, present in area of bush remnants & exotic trees on 6/5; Kaweka SFP, present on track to Te Puia hut on 8/4; Te Awanga, 3 feeding in village

on 7/3 (BMT). Hastings, 1 visiting kowhai from 21/9 to 5/10 (MTC). [Wr] Wairongomai, west L Wairarapa, 30 feeding on tree lucerne on 1/8 (BWB).

ROCK PIGEON *Columba livia*

[BP] Motuotau I, few dozen present + 2 nests on 11/8 (AJT, GAT). [G/W] Mahia Pen, flock of 100 on south coast on 31/5 (AJT, SB).

BARBARY DOVE *Streptopelia roseogrisea*

[A] Pt Chevalier, 1 on 15/6, 2 on 22/6, not seen here since 1988 (AM). [HB] Lawn/Napier Rds, 1 on 5/12 (JLM), Havelock North, present at Holiday Park on 28/3, reported to be well established (D&MS), c15 on 4/6 (KVT).

SPOTTED DOVE *S. chinensis*

[SA] Wharekawa, FoT, J. Wootton reports they have moved into the area over past 2 years (per DAL). [BP] Te Puke, No.3 Rd, seen or heard infrequently most months of the year, 2 seen on 29/6 (PCL). Kukumoa, 2 seen or heard frequently, observed feeding on fallen grapefruit, recent report of 3 seen together (WHS).

SULPHUR-CRESTED COCKATOO *Cacatua galerita*

[SA] Maioro F, 1 on 21/7 (JVD). Mangatangi Trig Track, 5 on 5/4 (DAL). [Wk] Waingarō, about 12 in December (HGS), locals report considerable trapping effort directed at this species. Te Kowhai, Ngaruawahia Rd intersection, several in gum tree on 19/4 (PDB). L Rotokauri, 8 on 19/3 (per DJR). Horsham Downs, several around 12/5, visiting walnut tree to feed on nuts, flying off to NW (PJT). [BP] Papamoa, a flock of c6 reported from Tara Rd farmland on 4/8; Rangiuru School, 2 on 15/9 (PCL). [Wg] Aramoho, 2 on 25/9; Wanganui, 4 on 4/12, 2 on 18/5 (TT). [HB] Napier, 2 flying on 26/3 (M&PWT). Clive, 6-7 have been at Clive for c6 years, nesting has occurred & at least 2 young seen (NT). Havelock North, 4 on 1/7 flying from orchard west towards village (NAP). [W] Paraparaumu, flock of c12 on 2/6 (MN). Brow House, Waikanae, seen throughout year, max 14 on 6/6 (AJT, SB, BAT). Melling, 8 on 31/8 (MN). Days Bay/Eastbourne, 8 in Oct (RE, M. Chamberlain per AJT). Rimutaka SFP entrance, max 4 on 18-19/1 (SB).

GALAH *Cacatua roseicapilla*

[SA] Mataitai, Clevedon, birds flying along road heading for Kawakawa Bay, early May (JM). Ponui I, 28-34 near homestead in spring '91 (P. Chamberlin per AJG).

NORTH ISLAND KAKA *Nestor meridionalis septentrionalis*

[FN] Puketi SF, spate of sightings while surveying kokako on 19-28/11 but probably only a couple of birds (GRP *et al.*). Russell, 1 on 11/7 present since early June, feeding on puriri flowers (E. Jones per GRP). [N] Mouress Bay, 1 in ti-tree & puriri on 24/4 (J. Noser per PJA). Tutukaka, pr on 9/12 feeding in puriri & searching dead totara for grubs, 1 bird larger & redder than other (R. Bowden per GRP). Glenbervie, 2 seen around Maruata Rd, several sightings (R. Dunn per GRP). Ngararatunua, 1 on 8/6 feeding in orchard (J. Griggs per PJA). Kamo, 1 on 21/4 feeding in town park (per PJA). Bream Head SR, 1 heard on 3/7, several others reports in autumn & winter

(GRP). Whangarei, 1 seen on 5 days in July feeding on Taiwanese cherry (K.Graham per GRP). Onerahi, 1 seen flying over house, later seen feeding on trumpet flowers in Church St garden 17/5 (PJA, BS). Andersons Cove, Bream Tail, c7 seen over Christmas, 1 only by 29/5 (D&M.Dowe per PJA). Ruawai School, 1 on 29/5 living in school bush Res (I.Alexander per PJA). [SA] Manurewa, 1 on 21/10 (JVD). Beachlands, 3 arrived on 9/4, small area of bush with silver dollar gum (J.Willens per AJG). Netherton, 1 feeding on emperor moth chrysalis attached to liquid amber on 11/8 (MBM). Red Mercury I, 1-2 near Von Luckner's Cove on 28/11, 2 at Lunch Bay & 1 further inland on 30/11 (SB, SA). [Wk] Roto-o-Rangi, 2 on 28/8, 3 in June (PMG). [BP] Homunga Bay Res, Waihi B, 7 on 26/5 (M.Thompson per KLO). Athenree Gorge, 3 on 8/9 (R.Smith per KLO). Hot Springs Rd, Katikati, 2 on 15/6 (L.Perser per KLO). Sentinel Rock, Kaimai-Mamaku SFP, 2 on 9/4/91 (M.McColl per KLO). Omokoroa, 1 seen frequently Sept/Oct; Tauranga City, 1 from July-Oct (per KLO). Gargon Rd, Tauriko, 3 present all winter (L.Simcox per KLO). Motiti I, 2 on 28/11, present for past 3 months (per KLO). Maketu, 1 reported in suburban garden (per PCL). Riverside Drive, Whakatane, 1 in garden in June '92 (DG). Opotiki, 2 reported to DOC from near the Otara R mouth. According to DOC they also occurred there last year (WHS). Edgecumbe, 2 on Western Drain Rd on 10/5 (JAB). [VP] Tihi-o-tonga, Rotorua, 1 flew over house calling on 5/5; Okere Falls, L Rotoiti, 1 flew over house on 14/6 (W.Shaw per KLO). Ohakune, 3 flying & probably 4-5 calling at dusk or slightly after (bright moonlight) just below beginning of track to Old Blyth's Hut (c7km up the mountain road from the Ranger Station) on 18-19/12 (JLM). [G/W] Gisborne, 1 on Waimata Rd on 15/8, 1 in Belgium Tce on 4/10, 1 in Riverdale Rd on 18/10; Patutahi, 1 on 21/6 (JCH). [T] Barrett Res, New Plymouth, 1 on 7/11 (REL). Matemateonga Walkway, 1 in late Jan (KO). [Wg] L Virginia, 1 early Aug to 27/10, in flowering eucalypt trees (CCO). [HB] Kaweka FP, 1 on 13/10 near Makino Hut (BMT), 1 at Makahu Saddle in beech forest 23/1 (B&DA), Harkness Hut area, heard most evenings on 21-25/5 (HAR). [Wr] Tararua SF (Dobsons Hut), 2 on 24/8 (MP).

EASTERN ROSELLA *Platycercus eximius*

[SA] c10 km south of Coroglen, 2 on 16/12; Whitianga, 1 on 17/12 (JLM). [Wk] Pureora, first seen on 19/1, 1 resident in Ngaherenga area, 2 prs in noisy flight on 30/5 (RS, GP&RSG). [BP] Belk Rd South, inland from Tauranga, 1 on 23/10 (JHS). [VP] Kaharoa F, Rotorua, several birds on 28/1; Waipare Stm, Putaruru, 1 on 7/2 (KLO). [T] Plymouth Rd, near Oakura, 2 on 9/7, 29/9 & 15/5 (RWB). Kaitake Golf Course, 4 on 19/8 (GFB). [M] Tararua Southern Crossing, seen on 18-21/1 (MP, KP). [W] Waikanae, 1 on 7/12 (AJT). Days Bay, seen on 28/9 (GS). Vogeltown, pr feeding in *Virsilia* flowers on 24/11 (KB).

RED-CROWNED PARAKEET *Cyanoramphus novaezelandiae*

[N] Motukokako (Piercy) I, c4 resident prs on 4-5/12 (GRP, PJM). Coppermine I, common on 10-15/2, most prs seemed to have juvs present (TCG). [A] Great Barrier I, Kaiarara V, 2 on 15/1 (EKC). [BP] Whale I, at least 6 seen on 28/12 (PCL), 11 in flock on 1/4 (KLO).

YELLOW-CROWNED PARAKEET *C. auriceps*

[Wk] Pikiariki Rd, Pureora, one of commonest birds in reserve, Red-crowns never identified in 10 years of observations (RS; GP&RSG). [HB] Black Birch Ridge, 1 on 27/11 (KVT). Makahu Saddle, 2 on 23/2 (B&DA).

PARAKEET *Cyanoramphus* spp.

[N] Otaika SR, 1 in Sept; Tangihua Range, 2 in Dec (RJP). [Wr] Wairangi Station, White Rock Rd, small flock heard in manuka scrub on 20/3 (SJW).

FAN-TAILED CUCKOO *Cacomantis flabelliformis*

[FN] Karikari Bay, 1 in Oct (RJP).

SHINING CUCKOO *Chrysococcyx lucidus*

[N] Whangarei, first call heard on 5/10; Onerahi, last bird of season heard on 29/2 (PJA). Coppermine I, fledgling being fed by Grey Warbler on 12/2 (TCG). [A] Waiheke I, first heard on 14/9 (KRB). [SA] Wairamarama, first heard on 13/8 (DMW) & Clevedon on 16/8 (AJG). Red Mercury I, several heard from 26/11 to 3/12 (SB, SA). [Wk] Hillcrest, Hamilton, 1 heard on 23/9 (PCC). [BP] Papamoa, 1 on 4/2 (only 3rd record in 25 years) (PCL). [VP] Okoheriki Block, Tarukenga, Mamaku, 1 on 9/3 (KLO). [G/W] Ngatapa, first on 18/9 (MAW). Waimata V, 1 on 15/4 (JCH). [T] New Plymouth and Kaimiro, first heard on 8/10 (JCM, WBM). [Wg] Wanganui, 1 on 25/1 being fed by Grey Warbler, 1 on 29/3 (TT). [HB] Havelock North, 1 on 12/8, very early (KVT). [Wr] Haurangi SFP, 1 on 15/10 (MP, KP). [W] Nga Manu, Waikanae, 2 observed for 1/2 hour feeding on caterpillars on 15/12 (D&MS).

LONG-TAILED CUCKOO *Eudynamis taitensis*

[SA] Awhitu, 1 sheltering in long grass, apparently exhausted on 10/2 (VMR). [Wk] Wairongamai, Te Aroha, 2 on 22/2 at c700m asl (PDB). [G/W] Gisborne, 1 crashed into window on 12/10, 1 juv calling repeatedly from garden on 12/12 (MAW). [T] Westown Golf Course, New Plymouth, 1 on 30/11 (GLB). Inglewood Golf Course, 1 on 13/2 & 18/2 (WBM). Egmont NP, heard on 20-22/1 (RWB). Pouakai Zoo Park, New Plymouth, 1 on 18/2 (DGM). Matemateonga Walkway, 20+ between 29/1-3/2 (KO). Hawera, 1 juv died after flying into window on 23/4 (AMD). [Wg] SH4 south of Raetihi, 1 on 1/9 & 21/4 (KO). [M] Tararua Southern Crossing, present on 18-21/1 (MP, KP). [HB] Kaweka SFP, 1 heard on track to Makino Hut on 13/10 (BMT), heard near MacKintosh Hut on 16/2 (BS). [W] Waikanae, 1 flew into building & killed on 14/11 (P.Brow per AJT).

MOREPORK *Ninox novaeseelandiae*

[Wk] L Ohakuri, 1 on 23/3 (AS&JMR). Ngaherenga, Pureora, juvs being fed by parents, every year Jan '88 to Jan '92, often heard giving a high-pitched "chirruping" (RSG, GP&RG). [BP] Opotiki, 1 injured on 14/4 had been molested by a cat, died same day, another injured with a broken wing on 15/5 died that night. Also 1 bird with eye damage on 3/6 was fed on trapped mice and mince and released on 5/6 at site where it was found (WHS). [G/W] Gisborne, 1 calling in Botanical Gardens on 4/12 & 3/6 (MAW). [HB] Kaweka SFP, Harkness Hut area, a few heard most nights on 21-25/5 (HAR). [Wg] Wanganui, can be heard in Aramoho area 3 or 4

times a month (TT). [M] Ruahine Range, track below Mangahua, present on 28/5 (RG). Otaki Forks, 1 responded to squeaker on 2/6 (EMG).

AUSTRALIAN BARN OWL *Tyto alba delicatula*

[A] Whenuapai RNZAF Base, 1 photographed on 21/4 but not seen again (MJT). Little Barrier I, 1 present during June, seen taking kiore (*Rattus exulans*) (TGL).

KOOKABURRA *Dacelo novaeguineae*

[N] Several reports from Glenbervie, Kiripaka, Kamo, Maunu, Whatatiri and Maungatapere during winter 91/92 (RJP, GRP). [A] Kawau I, Mansion House grounds, 1 on 16/1 (EKC).

NEW ZEALAND KINGFISHER *Halcyon sancta vagans*

[SA] Port Waikato, Shallow Water Bay, 25 spread over flats as rising tide covered the sand on 6/7 (SAFT). [Wk] Waikato Hydro Ls: from 2 on L Whakamaru on 24/3 to 15 on L Arapuni on 17/4 (AS&JMR). Ohura to Te Kuiti/Taumararua Highway (SH 40), 9 seen mostly on powerlines by road over 38 km on 19/4 (GA&SLT). [T] Stratford to Ohura (SH 43), 30 seen from road over 120 km on 19/4. Most were on powerlines overlooking swamps, streams or damp paddocks (GA&SLT). [HB] Ahuriri E, 2 on 17/11, 49 on 27/6; Porangahau E, 8 on 27/6 (OSNZ cen). Porangahau to Pourerere, 12 seen from road over 72 km on 30/5; Herbertville to Porangahau, 9 seen over 33 km on 30/5; Pongaroa to Akitio to Titree Pt, 15 seen over 66 km on 29/5, most were present along road near Owahanga R mouth (GA&SLT). [Wr] Masterton to Pongaroa (SH 52), 3 seen over 86 km on 29/5 (GA&SLT).

NORTH ISLAND RIFLEMAN *Acanthisitta chloris granti*

[Wk] Pikiariki, Pureora, more common in 1990-92 than previously (RSG, GP&RG). [VP] Mokaiha Ecological Area, Mamaku Plateau, 2 on 22/9 (ANB). [HB] Kaweka SFP, many birds from Mangaturutu-Venison Top, but none near Harkness Hut on 21-25/5 (CFM, JGH, HAR).

WELCOME SWALLOW *Hirundo tahitica neoxena*

[Wk] Waikato Hospital, many congregating around roof vents most mornings in July (DMF). [HB] L Tutira, 32 on 14/7 (JCH). Census totals for main estuaries of 75 on 17/11, 81 on 27/6 doesn't reflect the large numbers in region (OSNZ). Waimarama Rd Swamp, c200 over small wetland on 4/6 (KVT). East Clive, birds swarming over Muddy Crk on 13/7 (M&PWT). Tukituki R, c90 along river on 25/3 (KVT). [Wr] Pongaroa, c40 hawking over small pond by road on 29/5 (GA&SLT).

AUSTRALIAN TREE MARTIN *H. n. nigricans*

[Wk] Hamilton SP, Pukete, 1 on 20/2, hawking insects (PCC).

NEW ZEALAND PIPIT *Anthus novaeseelandiae*

[Wk] Ruapuke B carpark, 1 attacking car wing mirror on 15/6 (PW). [BP] Rangitaiki E, 1 on 26/4 (PCL). Takaputahi, common on 12/2 (WMH, WHS). [VP] Mt Tarawera, 3 on or near summit on 1/3 (PCL). [T] Purangi, 1 on 25/2 (WBM). [HB] Waipatiki B-Arapaonui, 5 on 4 km on 28/3 (R&TAS). Ahuriri E, 1 on 3/12 (JL). Fernhill, 2 on Gimblett Rd on 28/12 (JGH). [W] Colonial Knob, 2 prs on 18/8 (KO). Rimutaka Summit, 1 on 15/5 (D&MS).

HEDGE SPARROW *Prunella modularis*

[BP] Matata, many seen & heard in boxthorn growths in dunes on 13/7 (PCL). Whale I, 1 heard on 28/12 (BDH). Te Puke, No.3 Rd, seen or heard every day in orchards during July & August (PCL). [G/W] Morere, 8 on 22/7 (MAW, JCH). [Wg] Kaitoke L, 2 on 10/11 (TT). [HB] Kaweka SFP, present Mangaturutu-Venison Top and Harkness Hut on 21-25/5 (CFM, JGH, HAR).

BLACKBIRD *Turdus merula*

[N] Onerahi, first song heard on 16/7 (PJA). [A] Orakei, first song on 24/6 (MJT). [T] New Plymouth Airport, pure white individual present on 10/6 (DGM *et al.*). [Wg] Wanganui, 1 female with only 1 eye successfully raised 3 chicks on 14/11, renested & successfully raised chicks, third attempt infertile (TT). [M] Palmerston North, first song on 14/7 (RG). [HB] Kaweka SFP, 1 at Mangaturutu-Venison Top on 21-25/5 at high altitude (1486m asl) (CFM, JGH). Hastings, 1 in full song at top of city building on 20/8 (KVT). Havelock North, 5 eggs found under 5 separate rhubarb stalks in Oct; at same orchard a nest with 3 eggs all half size in Nov (NAP).

SONG THRUSH *T. philomelos*

[N] Onerahi, first song heard on 18/4 (PJA). [A] Remuera, first song on 4/5 (KH). Orakei, singing on 5/5 (MJT). [T] Oakura, 1 cream-coloured individual in Nov '91 (RWB). [M] Palmerston North, first song on 17/5 (RG).

NORTH ISLAND FERNBIRD *Bowdleria punctata vealeae*

[FN] Tapotupotu Bay, 3 on 15/1 (CB, JS). Te Kao Channel, Parengarenga H, 23 + seen & heard on 1.5 hour transect through saltmarsh on 22/8 (GRP). Whangaroa H, 2 on 30/1 at Weber Rd & 6 on 7/2 at Waikoura Crk; Kerikeri Inlet, 2 on 12/3, 4 on 23/3 in Okura Crk (TS). Russell, Uruti Rd, 1 seen & c12 heard on 17/6, 2 seen & 10 heard on 21/6 (BM). [A] Gt Barrier I, occasional reports (EEP). [SA] Whangapoua H, present on outer island, north side of harbour, 3 on 10/7, 6-7 on 11/7 (G.MacKerath), no response to tape or sightings on 20/4 (MBM). Tahua, Oturu Stm, 1 on 25/10, 2 on 8/10/5 (MBM). [Wk] Opuatia Swamp, Rangiriri, 2 prs in March/April (DJR). L Waahi, 1 on 25/4 (PDB *et al.*). Pureora, present in Buried Forest swamps (RSG, GP&RG). [BP] Waikareao E, Tauranga, c5 prs on 15/9 (PCL). Waihi E, 22 on 20/2 in mixed saltmarsh zone (KLO). Kaikokopu, Little Waihi, 1 seen, others heard on 8/9 (PCL). Matata, 2 on 13/7, 6 in Nov (JAB, PCL). Ohope Spit, 8 seen/heard on 18/4 (AJT, SB). Kukumoa, 1 in Huntress Crk reed bed on 3/1 (WHS). [VP] Kapenga swamp, Rotorua, 14 in manuka/flax/sedge zone on 26/3; Hamareha Ls, Putaruru, 1 on 7/2; Waipare Stm, Putaruru, 1 in shrubland on 7/2 (KLO). Turangi, high numbers in small wetlands east of the town (CJ). [G/W] Waihou Bay, 1 calling from cover alongside beach, 1 in wetland at junction of Waihou Rd & main highway on 26/10 (OSNZ). Mahanga B, 2 seen + 2 heard in swamp behind foredunes on 6/9 (GRP). [T] L Rotokare, heard on 20/2 (WBM, RM). [Wg] "Irirangi" Bog, SW of Waiouru, present in tall manuka on 15/1 (CCO). Whangaehu Harakeke Res, 6 on 28/2 (GR). [M] Waimahora Swamp, Santoft F, calling from raupo on 27/1 (CCO). Foxton No.1 L, 1 on 8/3 (JL&MM). [HB] Mangaharuru Range, seen in bracken/scrub near Bell Rock in March; Boundary Stm, present in March; Kaweka SFP, present in Mohaka V in

March (B&DA), but birds not seen along track to Te Puia Hut on 5/4 (BMT).

WHITEHEAD *Mohoua albicilla*

[Wk] Wairongamai, Te Aroha, several on 22/2 (PDB). Ruakuri cave area, Waitomo, heard on 22/9 (BHS). [BP] Otanewainuku, 6 seen + others heard on 18/8 (PCL). Tarawera F, 2 seen in Dec (JAB). [VP] Kaharoa F, Rotorua, several birds on 28/1; Okoheriki Block, Tarukenga, Rotorua, several heard on 9/3 (KLO). [T] Plymouth Rd, near Oakura, 1 on farm property on 7/11 (RWB). Awahou SR, Whangamomona, heard calling in black beech forest on 19/4; North Egmont NP, flock of 5 near Park Visitor Centre on 18/4 (GA&SLT). [Wg] Western Ruahine Range, 1+ on 18/1 (CCO). [HB] Waitara Rd, present on 6/5 (BMT). Kaweka SFP, heard quite regularly in kánuka forest in Feb (BS), present from Mangaturutu-Venison Top and near Harkness Hut on 21-25/5 (CFM, JGH, HAR), 20 at Little's Clearing on 17/9 (R&TAS). [Wr] Mt Bruce, flock of 5 seen, others heard on 16/5 in forest by National Wildlife Centre (GAT *et al.*).

GREY WARBLER *Gerygone igata*

[HB] Kaweka SFP, from Makahu Hut-Little's Clearing-Balls Clearing they appeared to be the most numerous forest bird on 17/9 (R&TAS).

NORTH ISLAND FANTAIL *Rhipidura fuliginosa placabilis*

[G/W] Gisborne, 16 in close flock, hawking around a large macrocarpa on 29/7, 23 in similar behaviour on 8/8 (MAW, JCH). [HB] Putorino, 1 black phase on 18/3 (JCH). [W] Owiro Bay, 1 black phase present on 14-21/5 (per AJT).

NORTH ISLAND TOMTIT *Petroica macrocephala toitoi*

[BP] Otanewainuku, 2 males, no song on 18/8 (PCL). [G/W] Spencers Res, Mangatuna, 1 on 18/7; Waitakaro, 2 on 29/11 (JCH). SH2, near Puninga, 1 on 1/6 (AJT, SB). [HB] Waitara Rd, present on 6/5; Kaweka SFP, present along track to Te Puia Hut on 8/4 (BMT), present from Mangaturutu-Venison Top and near Harkness Hut on 21-25/5 (CFM, JGH, HAR). [W] Wainuiomata, 1 exhausted bird found on 22/5 (per AJT).

NORTH ISLAND ROBIN *P. australis longipes*

[Wk] Wairongamai, 1 near cyanide tanks in April/May (RWD). L Arapuni, Mangawhio Stm, 2 in tanekaha/kanuka forest on 17/4; L Atiamuri, 5 in pine forest on 22/3 (AS&JMR). Rapurapu Stm, 5 + 2 fledged juvs seen, 15 heard on 23/2 (FN, PCC). [BP] Otanewainuku, 4 males, some song but not full song on 18/8, c10 birds on 1/4 (PCL). Tarawera F, 2 in April (JAB). [VP] Waipare Stm, Putaruru, 1 calling on 7/2; Okoheriki Block, Tarukenga, Mamaku, several on 9/3; Mokoia I, L Rotorua, 17 birds transferred to island from Mamaku Plateau (13) & National Wildlife Centre, Mt Bruce (4) on 30/6/91 by DOC & Rotorua Girls High School (KLO). [T] Rerekapa Track, heard on 31/5 (WBM). Aotuhia, present on 17/10 (CCO). Matemateonga Walkway, several on 29/1 to 3/2 (KO). [HB] Waitara Rd, present on 6/5; Kaweka SFP, 1 heard from carpark at road side to Te Puia Hut track on 8/4, 1 heard on track to Makino Hut on 30/10 (BMT), at least 2 heard near Lakes carpark, Kuripapango on 16/2 (BS), 2 near Harkness Hut on 21/5 (HAR).

SILVEREYE *Zosterops lateralis*

[A] Kauwahaia I, c20 feeding from karo flowers on 23/8 (AJT). [Wg] Wanganui, 1 banded on 29/10 stayed around all year with mate which is also banded (TT). [HB] Fernhill, always a few in vineyard but a huge influx of birds there on c12/2, same thing happened at a property 5km away (JGH).

STITCHBIRD *Notiomystis cincta*

[N] Taranga (Hen) I, 3 incl. 1 male & 1 female & 1 other near Baldie in March (RJP, GRP).

BELLBIRD *Anthornis melanura*

[N] Bream Head SR, 1 on 13/5 (GRP) + heard several times in June (C.Newbold *et al.* per GRP). Andersons Cove, Bream Tail, up to 30 at one time, at other times only c10 in 1991/92 (D&M.Dowe per PJA). [Wk] L Arapuni, 3 on 17/4; L Ohakuri, 1 on 23/3 (AS&JMR). [BP] Otanewainuku, many feeding on flowering rata on 1/4; Te Puke, No.3 Rd, regularly seen or heard about edges of orchards in July & August, less often in May & June, not seen or heard during summer months (PCL). Whale I, present on 1/4 (KLO). Opotiki, weak fledgling with a broken leg was caught on 7/1, fed on honey, plums & white fly but after doing well to start with it died 3 weeks later on 4/2 (WHS). [VP] Mt Tarawera, common on lower slopes of mountain on 1/3 (PCL). [T] Urenui Golf Course, feeding in banksias on 20/5 (WBM). Pukeiti Rhododendron Trust, feeding from flowers of rata and *Pseudopanax* on 3/8 & *Fuchsia* and *Prunus* flowers on 8/9 (DGM). Tarata Saddle, 1 on 3/9 feeding on *Coprosma robusta* berries (WBM, RM). [Wg] Aramoho, 1 feeding on bottle brush flowers (*Callistemon citrinus*) 6 times in 3 hours on 27/10, regular year round visitor; 4 on 14/1 (TT). Wanganui, St John's Hill, 1 on 9/4 first of season at Brassey Rd, feeding on flowers of *Eucalyptus leucoxylon* (CCO). [HB] Kaweka SFP, present on Mangaturutu-Venison Top and near Harkness Hut on 21-25/5 (CFM, JGH, HAR). Havelock North, 1 in gum in village garden on 10/8 (MTC).

TUI *Prosthemadera novaeseelandiae*

[A] Kauwahaia I, 11 + feeding from karo flowers on 22/8 (AJT, GAT). [SA] Te Kouma Bay, Coromandel H, a bird banded 5 years ago at Birkenhead reported on 11/7 (AVP). [Wk] Patetonga, 1 feeding in *Banksia* on 13/10 (RWD). L Maraetai, 2 on 25/3; L Ohakuri, 3 on 23/3 (AS&JMR). Ruakuri cave area, Waitomo, 3 feeding in roadside kowhai on 22/9 (BHS). [BP] Bowentown, 1 in flowering wattle on 7/6; Te Puke, No.3 Rd, seen or heard throughout year in horticultural orchards; Te Puke, 2 in suburban gardens on *Banksia integrifolia* on 18/8; Otanewainuku SF, many feeding on flowering rata on 1/4 (PCL). Rangiora School, 2 on 15/9 feeding in kowhai, 9 on 2/10, 6 on 3/10 (PC&RL). Whale I, common, feeding in flowering pohutukawa on 28/12 (PCL). [G/W] Gisborne, Long Bush, 28 on 17/7, numbers increasing (MAW, JCH). [T] New Plymouth, 1 eating ripe *Macropiper* fruit on 16/2, 1 eating *Coprosma robusta* berries on 5/6 (DGM, WBM). Pukeiti Rhododendron Trust, feeding from flowers of *Pseudopanax* on 3/8 and from *Fuchsia*, kowhai and *Prunus* flowers on 8/9 (DGM). [Wg] Wanganui, regular year round visitor (TT). [M] Esplanade Gardens, Palmerston North, 10 in 200m in flowering gum hedge on 7/7 (RG). [HB] Havelock North, some birds still in eucalypts on 11/8 (MTC). Harkness

Hut area, only 1 seen on 21-25/5 (HAR). [W] Wellington City: Vogeltown, 1 seen frequently in Oct-Nov (KB); Roseneath, 1 feeding on kowhai nectar on 21/8, first seen in area for 4 years (RGP); Melrose, 3 seen on 25/4 (DL).

YELLOWHAMMER *Emberiza citrinella*

[G/W] Mangapapa, Gisborne, c85 on 25/8 first flocking this year (JCH, MAW). [Wg] Wanganui, 2 on 20/12, courtship display & mating observed (TT). [HB] Kaweka SFP, present on Mangaturutu-Venison Top on 21-25/5 (CFM, JGH). Napier, c100 on 15/8 feeding on newly sown cricket pitch at Nelson Park; East Clive, several feeding among exposed water-weed near sewer outfall on 21/7 (M&PWT).

CIRL BUNTING *E. cirrus*

[G/W] Muriwai, 1 road-killed on 15/7 (MAW). Kaiti Hill, Gisborne, 1 male on 23/9; Makauri, 1 on 27/10, uncommon in this district (JCH).

CHAFFINCH *Fringilla coelebs*

[N] Onerahi, male in full song on 21/8 (PJA). [A] Auckland City, first song on 5/8 (MJT). [Wg] Wanganui, 100+ on 5/11 (TT). [M] Palmerston North, first song on 10/8 (RG). [HB] East Clive, several feeding on exposed water-weed near sewer outfall on 21/7 (M&PWT).

GREENFINCH *Carduelis chloris*

[FN] Kokota Spit, 30 feeding on *Leptocarpus similis* rushes on 24/3 (GRP, MA). [N] Onerahi, male singing on 3/5, joined by mate then flew (PJA). [A] Mangawhai E, 5 feeding on pingao seeds on 8/12 (GRP). Auckland Domain, 27 feeding on playing field on 1/4, flocks frequently seen in Domain this time of year; Balmoral, male & females regularly feeding on sunflower seed heads on 6/2 (EKC). [Wg] Wanganui, 100+ on 5/11 (TT). [HB] Ahuriri, 700+ on 23/5 feeding on topsoil heap (M&PWT). Porangahau, flocks of 100's mixed with Goldfinches along roadside on 6/10 (AJT, SB).

GOLDFINCH *C. carduelis*

[A] Balmoral, Auckland, birds feeding regularly on cosmos flower heads on 6/2 (EKC). [G/W] Mangapapa, Gisborne, c320 on 18/9 first flocking this year (JCH).

REDPOLL *C. flammea*

[BP] Whale I, few seen on 28/12 (WHS, RMW). Takaputahi, 1 on 28/4/90 (WHS). [Wg] Turakina E, 1 on 26/1 (TT). [HB] Havelock North, large numbers of birds were a serious problem for strawberry growers in early summer (MTC). [Wr] Masterton, birds arrive in August each year, commonly seen & breed over summer months then depart around March (TCD).

HOUSE SPARROW *Passer domesticus*

[Wg] Wanganui, 1 on 3/1 with deformed foot, 1 juv still had use of leg which had broken & reset (TT). [M] Whirokino, flock of c2000 on 13/7 (JL&MM). [HB] Hastings, nesting in cup of old swallow's nest on 5/1 (BS). Te Awanga, albino seen at Keighley's Poultry Farm on 5/12 (BMT). [W] Mt Victoria, Wellington, flock feeding on pampas heads on 14/6 (AJT).

STARLING *Sturnus vulgaris*

[Wg] Owhango, large flock roosting at 1715 h (dusk) on 26/4 on c100m of powerlines. They were so densely packed on the line that they initially looked like black polythene piping (GAT). [M] Whirokino, flock of c2000 on 18/4 feeding on stubble (JL&MM).

COMMON MYNA *Acridotheres tristis*

[N] Whangarei, 1 reported preying on Rosella eggs (RJP). [HB] No birds were seen in Wairarapa and southern Hawkes Bay on the Pongaroa/Porangahau/Elsthorpe roads until reaching the south bank of the Tukituki R where they were common along the river margins on 30/5 (GA&SLT). [Wg] Aramoho, common throughout urban areas (TT). [W] Tawa, 1 bird present throughout year, presumably same bird as previously reported since Jan 1989 (MP, DS).

NORTH ISLAND KOKAKO *Callaeas cinerea wilsoni*

[Wk] Pureora, 9 at Pikiariki, 5 at Perhams Ave, 3 at Buried Forest, 1 at Bismark Rd in Jan (RSG, GP&RG). [BP] Ottawa Res, 2 below trig on 27/1 (S.Pearce per KLO).

NORTH ISLAND SADDLEBACK *Philesturnus carunculatus rufusater*

[N] Coppermine I, common on 10-15/2 with up to 3-4 juvs still associating with most adult prs (TCG). [VP] Mokoia I, L Rotorua, 36 birds (18 males, 18 females) transferred to island from Tiritiri-Matangi I, Hauraki Gulf on 12/4 by DOC & Lakes High School (KLO).

AUSTRALIAN MAGPIE *Gymnorhina tibicen*

[Wk] Sanatorium Hill, Cambridge, pr in early May dive-bombing a NZ Pigeon which had head under wing. Birds were chased off by observer who had found c12 dead pigeons severely pecked but uneaten in last 2 years. Also reports of magpies killing kingfishers in same area (PJT). [BP] Mt Tarawera, seen & heard on & near summit ridge on 1/3 (PCL).

ROOK *Corvus frugilegus*

[SA] Miranda, 40 on 21/5 (AJG). Waitakaruru, 25-30 on 21/7 (BS). [VP] Rotokawau Rd, Rotorua Airport, 3 on 20/6 (CM). [G/W] Tolaga Bay, 9 on 12/10 survived extermination attempts; Ruatoria, 2 on 12/10 (JCH). [T] Waitara, 3 present about a month by 4/11 with up to 6 reported later. The first records from here (REL *et al.*). [Wg] Westmere L, 2 on 25/8 (OCT). [M] Aokautere, 95 in paddock on 17/5 (PFB). [HB] Te Pohue, c30 on 8/3; Puketitiri, c30 on 27/11 (KVT). Patoka, 18 on 17/9 (R&TAS). Omakere, c40 on 18/3 (KVT). Pourerere B, 9 (incl. 4 feeding on beach) on 30/5 (GA&SLT). [Wr] Tautane R mouth, 4 on 5/10; Herbertville, 2 on 6/10 (AJT, SB). Owahanga R, flock of 70 by river mouth on 29/5 (GA&SLT). Upper Plain Rd, Masterton, 30 foraging in paddock on 7/5 (MJI). [W] Porirua, 1 chased by Black-backed Gull on 25/9 (MP). Wellington, 2 flying over centre of city on 31/7 (MJI). Baring Head, 1 on 27/6 (RGP).

GRAEME A. TAYLOR, *Department of Conservation, P.O. Box 10 420, Wellington*

G. RICHARD PARRISH, *Department of Conservation, P.O. Box 842, Whangarei*