

CLASSIFIED SUMMARISED NOTES, NORTH ISLAND

1 JULY 1990 TO 30 JUNE 1991

Compiled by G. A. TAYLOR and G. R. PARRISH

Classified Summarised Notes (CSN) were provided by 228 members and friends of the Ornithological Society of New Zealand (OSNZ). This year observations were received from all regions and in addition 7 members provided individual notes. Large and detailed summaries were received from Hawkes Bay, Bay of Plenty and Northland regions. CSN provides a forum for OSNZ members to publish regular or incidental bird observations from a variety of habitats including lakes, rivers, wetlands, estuaries, beaches, coastal waters, forests, farmland and residential areas. Brief anecdotal observations on bird behaviour are also 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 were collated by GRP.

Contributors: J. Adams, D.J. and P.J. Agnew, P. Anderson, J. Angus, G.J. Arnold, D.G. Baker, H.W. Banks, M.A. Barnes, G. Barwell, D.B. and R. Batcheler, G.F. Bates, P.F. Battley, A.J. Beauchamp, Ben D. Bell, D. Bell, M. Bell, P. Bell, J.R. Berry, B.J. Binning, R.W. Bishop, G.G. and L.J. Blackmore, B.W. Boeson, G.L. Bolton, K.S. Bourke, G.N. Brackenbury, A.D. Bradbury, S. Brouwer, A.K. Brown, B. Brown, K.L. Buchanan, R. Butcher (RBr), D.J. Butler, R.S. Carmichael, S.P. Chamberlin, S. Chambers, P.D. Champion, J.W. Cheyne, B. Chudleigh, W.L. Clinton-Baker, L. Conyngham, R. Cossee, P. Cozens, M.T. Craven, R.A. Creswell, P.C. Cuming, J. Davenport, L.J. Davies, S.J. Davies, N. Deans, R.W. Dench, J.A. Dennison, T.C. Dennison, Department of Conservation (DOC), M. Dobbins, J. Doherty, J.E. Dowding, J.V. Driessen, K. Durey, A.L. Eagle, H.O. Elder, G.J. Eller, B.J. Ellis, C. Exley, C.A. and M.A. Fleming, I. Flux, G.A. Foreman, P.M. Garrett, A.R. Giblin, B. Glass, A.J. Goodwin, M. and S. Graham, G.N. Grant, T.C. Greene, G.P. and R. Guest, R.S. Guest, A.M. Habraken, J.G. Hamilton, T.C. Harington, D. Harlow, P. Harrison, K. Haslett, I.D. Hayton, B.D. Heather, N. Henry, V. Hensley, A.L. Hodgson, D.T. Holyoak, J.E. Houston, M.C. Hows, O. Hughes, G.I. Hunt, W.M. Hutton, C. Huxtable, J.G. Innes, W.R. Jackson, M. Jeffries, C. Jowett, S. Kress, R.E. Lambert, P.C. and R. Latham, D.A. Lawrie, M. Lee, J.L. Lloyd, W. Lock, W. Lomax, C. Long, M.M. Looney, T.G. Lovegrove, R.J. & B.G. Lowe, C. Lucas, J. Luke, J.W. Luttrell, J. MacDonald, A. McCutchan, M. McDougale, D. McKenzie, C.F. McRae, M.B. Mackereth, J.E. Marshall, D.G. Medway, J.C. Medway, W.B. Messenger, P. Miller, G.J. Moon, J.L. Moore, S. Morris, A. Munro, R. Neverman, F. Nieuwland, K. Oates, C.C. Ogle, M. Olsen, K.L. Owen, G.R. Parrish, D. Payne, N.C. Peachman, J.R. Pearson, M. Peers, N.A. Perrott, R.J. Pierce, A.V. and J.V. Piesse, E.E. Pratt, G.A. Pulham, G. Randle, T. Redwood, W.I. Reid, D.J. Riddell, A.C. Riegen, H.A. Robertson, T.F. Robinson, A.S. and J.M. Rowe, V.M. Rutherford, P.M. Sagar, A. Salowsky, D.J. Saunders, I. Saville, A.C. Saxby, C.E. Scadden, C. Schischka, P. Scofield, L.M. Scott, B.H. Seddon, G. Sherley, R.B. Sibson, J.H. Sich, D.M. Sim, V. Skelton, R.S. Skinner, P. and R. Slack, A.V. Slade, W.H. Sloan, M. Smith, R. and T.A. Smith, H.G. Spencer, K. and N. Spencer, J.E. Staniland, B. Stephenson, H.M. Stewart, D. and M. Stracy, A.K. Taylor, B.M. and M.G. Taylor, Gary Taylor, G.A. and S.L. Taylor, H. Taylor, M.J. Taylor, P.H. Taylor, T.B. Taylor, A.J.

Tennyson, B.A. Tennyson, D.H. Tennyson, S. Thompson, W.S. Thompson, P.J. Thomson, K.V. Todd, O.C. Torr, F.E. Treacher, M. Turner, M. and P.W. Twydale, M. Twyman, J. Urquhart, D.M. Walter, A.J. Ward, E. Ward, E.R. Ward, R.J. Wasley, R.M. Weston, B. Williams, J. Winters, M. Wong, E. Woodger, J. Woon.

OSNZ Group Contributors: H. Andrews, R.M. Hamilton, B. Jeffries, N. Langham, H. Selderbeek, J.P. Watt, 3RC (3 roost count, Miranda).

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

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

NORTH ISLAND BROWN KIWI *Apteryx australis mantelli*

[FN] Puketi SF, 1 male followed by 1 female heard at c0200h on Bramleys Ridge on 2/11. One male heard at 2200h at HQ on 5/11 (GRP). [N] Waipoua SF, 7 birds monitored from June to Jan. Of these, 2 were killed by cars. One unmonitored bird was also found road-killed (RJP). [A] Taporā Bush Res, 2 or 3 heard on 16/11 (MJT). [VP] Opuiaiki Ecological Area, Kaimai-Mamaku CP, 1 on 4/4; Rotoehu SF, 1 heard on 10/11 (GR V15 239523) (per KLO). [T] Okoki Valley, Uruti, heard calling on 29/11 (WBM). [HB] Makino Hut, Kaweka SFP, birds heard on 2 consecutive nights in Nov '90 (log entry by David Appleton per R&TAS), heard at night on 31/12 (R&TAS). Boundary Stm, between Pohukura and Heay's Access Rds, north-west of L Tutira, reliable report of at least 1 prior to 23/6 (per JWC, DOC). Central Ruahine SFP: 1 reliably reported just north of L Colenso; Upper Makaroro R, 1 reported (per JA).

LITTLE SPOTTED KIWI *A. owenii*

[SA] Red Mercury I, very little calling activity from 10-17/10, only 5 calls heard during extensive night-time surveys around the island. More activity from 28/3 to 1/4, 5 seen (at least 2 unbanded) and 6+ calls heard (GAT, AJT).

NEW ZEALAND DABCHICK *Poliocephalus rufiopectus*

[FN] Ngataki dune lakes: Wingy L, 6 on 5/1; Half L, 3 on 5/1 including 1 imm; Black L, 2 on 5/1 (RJP). L Ngakapua, 3 on 28/11 (ACR). Kaitaia: L Rotoroa, 1 on 10/4; L Heather, 7 on 10/4 together with 6 Australasian Little Grebe. Birds in prs or trios. Occasionally the two species were mixed and when this occurred, birds appeared to be compatible (PA). [N] L Humuhumu, Pouto, 3 on 15/9 (GRP). Lake 3 km west of North Kaipara Head, 8 on 23/2 (GRP, PC). [A] South Kaipara Ls, 30 on 17/2, 69 on 16/6 (SM, OSNZ group). L Kereta, 29 on 12/5 (GAP). Mangere SP, 3 on 30/4 (SJD). [BP] Matata, 2 on 1/7, 3/11 and 18/5; Awaitei Wetlands, 2 on 1/7 and 30/12 (PCL, AM, RMW). Sullivan's L, Whakatane, 1 pr + 1 chick on 18/9; Awatapu Lag, Whakatane, 1 on 23/1; L Taramaranui, 1 pr with 1 chick riding on back of adult on 30/12 (RMW). L Aniwhenua, 3 prs on

23/9, 10 birds on 3/2 (PCL, WMH). [VP] L Okareka, on 25/10, bird moved out of water onto log, another followed, copulation accompanied by purring noise for 15 seconds (RG, JGI). L Taupo: Motuoapa, 5 plus 3 more in marina on 10/3; Tokaanu outflow, 20+ on 10/3 (AJT, PFB). [G/W] Whakaki Lag, 1 on 12/5; Wairoa R, 3 together by town bridge on 20/7 (GAF). [Wg] L Rotoaira, 2 on 10/3 (AJT, PFB). [M] Manawatu wetland survey: total of 363 on 30-31/3, similar count to 1984, but marked changes in some individual lakes (HAR *et al.*). Pukepuke Lag, 21 on 5/5 (RC). Foxton No.1 L, max 10 on 22/7; Foxton No.2 L, max 2 on 25/8; Heatherlea Pond, Levin, 1 on 17/12, 3/2 and 31/3 (JLM, BDH). Rakauhamana Lag, south of Hokio, 5 on 16/3; Ngakawau Lag, near Levin, 9 on 25/3 (MO). [HB] L Tutira, 4 on 17/2 (GAF), usually c6 (MTC). North Pond, Westshore, 7 on 6/2, larger number than usual and unusual time of year to be present, perhaps because of drying out of other habitats. One bird diving in very shallow water had back and tail projecting above water. Still 7 present throughout May-June. Birds not usually in this slightly saline pond though often nearby (ARG, R&TAS, M&PWT). Fernhill: Hurimoana Swamp, 26 on 22/7 (OSNZ group); L Kautuku, 10 on 15/7; L Runanga, 6 in very small part of lake; L Oingo, 13 on 5/5, the only report in recent years (CFM, JGH). Still widespread in Hawkes Bay and numerous in Fernhill district (MTC). [W] Waikanae E, 1 on 29/6 (AJT). Paraparaumu, pond opposite airport, 4 on 3/1 (D&MS), 1 pr + 2 chicks on 23/2 (AJT, BAT).

AUSTRALASIAN LITTLE GREBE *Tachybaptus novaehollandiae*

Appears to be well established in Northland with birds present at a number of lakes and farm ponds (GAT). [FN] Ngataki: Half L, 1 imm on 5/1 (RJP), 1 on 6/1 (not the imm) (VH); Black L, 2 in March (RJP). Waipapakauri: L Rotokawau, 11 on 11/4 (GRP, PM); L Rotowhero, 5 on 18/2 (HS). Kaitaia: L Rotorua, 2 on 10/4; L Heather, 6 on 10/4 (PA). Kerikeri Ponds, 2 in Aug (RJP). [N] L Owhareiti, Pakaraka, 2 on 8/1 and 18/2 (GRP, HS). Kaikohe, Mataraua Rd, 2 adults on farm pond in July; Withering Heights, Waipu Cove, 1 on farm pond on 22/1 (RJP). [A] L Kereta, 2 on 17/2 (BJE), 4 on 3/6 (DJ&PJA).

ROYAL ALBATROSS *Diomedea epomophora*

[M] Foxton B, 3 passing north on 15/9, showing completely dark upperwing of northern race birds (JLM).

BLACK-BROWED MOLLYMAWK *D. melanophrys*

[BP] Mayor I, 1 or 2 imms seen regularly offshore between 22/10 and 31/12, 1 adult on 23/1; Mt Maunganui to Mayor I, 2 imms + 1 adult on 22/7 and 22/8, 1 imm on 25/8 and 31/8, 2 imms from 21/9 to 13/10, max 5 imms on 14/10, 4 imms on 23/10, 1 adult on 9/5, another, possibly race *melanophrys* on 27/6; 3 km North of Motiti I, 1 adult on 3/10 and 25/10; Mt Maunganui to Motiti I, 2 adults, 1 of race *impavida* on 2/5, 1 adult *impavida* on 23/6 (JEH).

WHITE-CAPPED MOLLYMAWK *D. cauta*

[BP] Motiti I, 1 offshore on 23/6 (JEH). [M] Foxton B, 2 on 22/7, 100+ passing north on 15/9, 1 on 30/12 (birds not identified to race) (JLM).

SALVIN'S MOLLYMAWK *D. cauta salvini*

[BP] Mayor I, 7km SW, 1 on 25/9, another on the eastern side on 4/11 (JEH).

YELLOW-NOSED MOLLYMAWK *D. chlororhynchos*

[BP] Mayor I, 1 adult and 1 imm offshore on 20/6; Mt Maunganui to Mayor I, 2 adults and 1 imm on 22/7, 9 of mixed ages on 28/7, 2 imms and 1 adult on 25/8, 1 imm on 26/8, 1 adult on 30/8 and 6/9, 1 imm and 2 adults on 27/6; Near Motiti I, 1 adult on 20/7 and 4/8, 1 imm on 30/4, 1 adult on 23/6; Astrolabe Reef, 1 adult on 12/7; Pudney Reef, 1 imm on 31/7, 1 adult and 1 imm on 19/8, 1 imm on 31/5; Karewa I, 3 adults and 2 imms 4 km NE on 10/7 (JEH).

BULLER'S MOLLYMAWK *D. bulleri*

[BP] Mayor I, 2 offshore on 23/12; Motiti I, 1 offshore on 23/6 (JEH). [M] Foxton B, 1 passing north close to shore on 15/9 (JLM).

LIGHT-MANTLED SOOTY ALBATROSS *Phoebastria palpebrata*

[Wk] Waingaro, near Raglan, 1 found alive on farm on 3/6, died later (HT). [BP] Arataki, Mt Maunganui, 1 found dead on beach on 20/8 (CL).

ALBATROSS/MOLLYMAWK *Diomedea* sp.

[M] Ohakea pilot returning from Marlborough Sounds on 21/6 saw 100s resting on the sea 100 km out and extending as far north as Wanganui, but none within 16 km of the coast (IS).

FLESH-FOOTED SHEARWATER *Puffinus carneipes*

[FN] North Cape, 100s offshore on 13/10 with Buller's Shearwaters (GRP). Motuopao I, 100s offshore on 14-17/11 (RJP). [N] Hen I, 100s offshore during day on 30/12 (GA&SLT). [A] Kauwahaia I, female with swollen cloaca caught on surface on 21/11 (GAT). [SA] Middle I, Mercury group, many chicks noted from 23-28/3 (PJT). Red Mercury I, none found during visits from 10-17/10 and 28/3-1/4. A few seen offshore during day on 17/10 (GAT). [BP] Off Mayor I, 2 on 25/9, c100 around boat on 11/10 and 23/10, 1 on 12/5 then none seen on 15/5; Off Motiti I, very few on 21/4, 2 on 30/4, 1 or 2 on 2-5/5, thereafter none seen (JEH). Whakatane to White I, 20-25 on 24/3 on the return trip, all birds heading east (PCL).

BULLER'S SHEARWATER *P. bulleri*

[FN] North Cape, 100s flying north on 13/10. Flesh-footed Shearwaters also present but outnumbered 2:1 by Buller's (GRP). Cape Reinga, 100+ on 28/11, seen over 20 minutes flying SW (ACR). Cape Maria Van Diemen, Tapotupotu Bay and Kapowairua, seen offshore on 20-22/2 (HS). [N] Poor Knights group: c100 on trip out and 1 found in burrow on Archway I on 22/9; Aorangi I, none seen ashore on 20/11 (GRP); Chicks noted as common on Tawhiti Rahi I and very abundant on Motu Kapiti I in mid-March (PM). Hen I, 100s offshore during day on 30/12, thousands flying north on 4/1 (100 counted in 15 minutes, with a ratio of 100 Buller's to 10 Flesh-footed to 1 Fluttering Shearwater) (GA&SLT). [SA] FoT, several on 24/1 (RJ&BGL). Otautu Bay, Coromandel, 2 feeding in bay on 17/2 (BHS). Red Mercury I, 1 offshore on 17/10 (GAT), common offshore in late afternoon on 1/4 (AJT, GAT). [BP] Off Mayor I, 1 on 15/9, a few on 25/9, 3 fed around

boat on 4/11 (an unusual behaviour for this species). This feeding behaviour was noted again on 10-11/11 and 24/2. On 12/5, very few left then none seen on 15/5; Astrolabe Reef, 3 on 3/11 feeding around boat; Off Motiti I, a few seen on 30/4, 2-5/5 and 9/5 then no further sightings (JEH). Whakatane to White I, 30-40 on 24/3 on the return trip, all birds heading east (PCL).

SOOTY SHEARWATER *P. griseus*

[FN] Motuopao I, a few ashore at night on 14-17/11 (RJP). [A] Kauwahaia I, female with palpable egg on 21/11 (GAT). [SA] Red Mercury I, 1 pr found in burrow on 14/10, 2 others heard calling in flight from 10-17/10. Hundreds seen offshore heading south on 17/10. Pair present by burrow behind Rolypoly Bay, feeding a chick on 31/3 (GAT). [BP] Near Mayor I, 1 on 21/9, 25-26/9 and 2/10, 2 rafts of c70 birds sitting on the water on 11/10 and considerable numbers flying by heading east. By 13/10, numbers had dropped to a "few" and only 1 seen on 14/10 and 8 on 22/10. On 23/10, 20-30 extremely hungry birds were around the boat and 3 dead birds were seen floating in sea. On 27/10, numerous "sooties" flying past and all fishing boats in the area were attended by flocks of very hungry birds. 6 on 4/11, 2 on 10/11, 3 on 11/11 and only 1 seen on each of 7 visits to Mayor I waters between 16/11 and 16/1. Last birds seen, 2 on 5/5 and 1 on 12/5; near Motiti I, 2 on 9/10, 6-8 on 25/10, 4 on 28/10, 3 on 8/11, 2 on 15/11, 1 on 6/12 and 19/12, 2 on 23/6, 1 on 27/6 (JEH). [M] Foxton B, 100+ passing north on 6/10, c10 on 25/12 (JLM).

SHORT-TAILED SHEARWATER *P. tenuirostris*

[A] Little Barrier I, 1 found on beach in mid-Aug '89, was possibly washed ashore in July (TCG, MD). [BP] Near Mayor I, 1 on 4/1; near Motiti I, 1 on 19/12 and 17/1 (JEH).

FLUTTERING SHEARWATER *P. gavia*

[FN] Motuopao I, first breeding proven on 16/11 with 1 half grown chick (128g). Thousands offshore during day (RJP). Spirits Bay, c4000 on 2/5 feeding in large rafts 50 - 500 m offshore from Panehe I (GAT). Wekarua I, 100+ prs breeding on 9-10/2 (GRP, PM). [N] Helena Bay, 200-300 feeding close to shore on 4/2 (GRP). [SA] Double I, Mercury group, 2 ashore on 30/3 (IM). Red Mercury I, small numbers heard calling in flight around coastal margin at night from 10-17/10 but only 2 seen ashore (in Rolypoly Bay). Hundreds flying south offshore on 17/10 (GAT). [BP] Karewa I, a large flock of 300-400 feeding near island on 24/11 (PCL). [T] Rapanui, 1 skull under flax on 28/7 (AJT). Carr's Rd, Urenui, on mainland opposite offshore stack, 1 predator-killed bird, dead c1 month on 28/7 (AJT, GAT), at least 5 seen on offshore stack on 25/8, some clearly associated with burrows. One desiccated corpse found in burrow entrance on nearby mainland on 18/5 (DGM). [M] Foxton B, max of 5000 per hour passing north on 30/3, c50 offshore on 25-26/12 (JLM). [W] Breaker Bay, Wellington, 350+ offshore on 17/3, first of the large winter flocks to congregate in this area (GAT).

LITTLE SHEARWATER *P. assimilis*

[SA] Middle I, Mercury group, 3 noted on 23-28/3 (PJT). Red Mercury I, common from 10-17/10. Frequently seen on surface at night all over the island. One bird found incubating a well-developed egg on 14/10 (GAT); none seen or heard from 28/3 to 1/4 (GAT, AJT). [BP] Mayor I, 3 or 4 offshore on 12/5 (JEH).

SHEARWATER *Puffinus* sp.

[HB] Pania Reef, Napier, large flock of Hutton's or Fluttering Shearwaters close inshore on 30/9 (KVT).

COMMON DIVING PETREL *Pelecanoides urinatrix*

[FN] Motuopao I, common, nesting on ridges. Well grown chicks and a few adults ashore during day and many adults at night on 14-17/11 (RJP). [N] Poor Knights group: c50 seen on trip out on 22/9; Aorangi I, several seen ashore on 20/11 (GRP); a few noted on Tawhiti Rahi I and Motu Kapiti I in mid-March (PM). [SA] Middle I, Mercury group, c.40 ashore each night on 23-28/3 (PJT). Red Mercury I, present in low numbers around the coastal fringe from 10-17/10 (GAT). [Wk] Kiwitahi, near Morrinsville, 1 found alive on 19/11, died later (ASR). [BP] Mayor I, a few offshore on 24/3, the first noted for some time. On 29/3, very large numbers were in the area and were regularly seen during first week of April (JEH). Karewa I, c30 widely spread over the sea 3-5 kms north of island on 24/11 (PCL). [T] New Plymouth, 2 on city streets on 11/12; 1 flew onboard Maui Rig on 24/7, later released (DGM).

BLACK PETREL *P. parkinsoni*

[BP] Off Mayor I, 1 from 16/1 to 6/2, 3 on 18/2, feeding around the boat in heavy rain, 1 on 24/2, 3/3, 28/3 and 1/4; Motiti I, 1 offshore on 8/4 and 30/4 (JEH).

WESTLAND PETREL *P. westlandica*

[G/W] Tolaga Bay, 1 on 27/1, 42 km offshore (GAF).

WHITE-CHINNED PETREL *P. aequinoctialis*

[Wr] Cape Palliser, 1 on 4/1, 2 km offshore (DMS).

BLACK PETREL *Procellaria* sp.

[M] Foxton B, singles passing south on 25-26/8, 2 passing north on 15/9 (JLM).

KERGUELEN PETREL *Lugensa brevirostris*

[T] New Plymouth to Waitara, 6 found alive between 14-28/8, some died and some released (DGM). [HB] Cape Kidnappers, 1 dead on beach on 25/7, an unusual find (KVT).

CAPE PIGEON *Daption capense*

[N] The Pinnacles, Poor Knights, 1 looking for food around small boat on 22/9 (GRP). [BP] Near Mayor I, 4 on 22/7, 5 on 22/8, 1 followed boat in as far as "A" beacon at Tauranga H entrance on 26/8, 1 on 31/8, 14/10, 22/10 and 27/6; Penguin Shoals, 2 on 13/9; Near Motiti I, 2 on 3/7, 1 on 20/7, 6 on 23/6 (JEH). Mt Maunganui, 1 died on 5/8 after crashing into a TV aerial during NE gale (CL). [W] Wellington H, off Seatoun wharf, 100's seen on 27/8 with arrival of cold front (BDB).

ANTARCTIC PETREL *Thalassoica antarctica*

[Wg] Rangatiki E, 1 exhausted on 7/10, later died (AJT, BAT).

ANTARCTIC FULMAR *Fulmarus glacialisoides*

[HB] Haumoana, 1 dead on 25/8, an unusual find (KVT).

SOUTHERN GIANT PETREL *Macronectes giganteus*

[BP] Off Mayor I, a dark bird with greenish bill tip, yellow c/b on left leg, metal on right reported on 29/9 (PCL). Astrolabe Reef, 1 with greenish bill tip on 25/10 (JEH).

NORTHERN GIANT PETREL *M. halli*

[BP] Near Mayor I, 2 on 22/8, 1 on 25-26/8, 30/8, 21/9, 26/9, 2 on 13/10, eating hagfish (*Eptatretus cirrhatus*) slime, 1 on 14/10, 4/11 and 22/6; near Motiti I, 1 on 4/8; Pudney Reef, 2 on 19/8; Astrolabe Reef, 1 on 19/10 and 25/10 (JEH).

GIANT PETREL *Macronectes* sp.

[SA] Red Mercury I, 1 offshore on 17/10 (GAT). [BP] Near Mayor I, 1 on 22/7, 28/7, 4 on 25/9, 1 on 22-23/10 and 10/11; Penguin Shoals, 2 on 13/9; near Motiti I, 1 on 18/6 and 23/6 (JEH). Rurima Rocks, 1 on 13/9 (WMH). [T] Bell Block B, 2 offshore on 1/7 (REL). [M] Foxton B, c15 feeding on 26/8, 1 on 6/10, 3/11 and 25/12 (JLM). [W] Wellington H, 30 on 27/8, 45 on 28/8 and 35 on 30/8 (BDB).

FAIRY PRION *Pachyptila turtur*

[N] Poor Knights group: 10 seen on trip out on 22/9; Aorangi I, many seen ashore at night and birds sitting on eggs on 20/11 (GRP); Tawhiti Rahi I, 1 ashore in mid-March (PM). [BP] Near Mayor I, none seen on 22/7, a few on 28/7, 1 on 22/8, a few on 27/10, 1 on 4/11, quite a few on 11/11, one of which was very interested in the boat, several on 27/11, numerous on 21/6 and 29/6; near Motiti I, a few on 3/7, several at Astrolabe Reef on 12/7, 3/11 and a few on 23/6; Karewa I, numerous on 10/7 busy feeding 3km north-east of island (JEH), only 1 seen in this area on 24/11 (PCL). [T] New Plymouth, 1 alive on 14/9, another on 24/9, both later released (DGM). [Wr] Lansdowne Golf Course, Masterton, a storm wrecked but healthy bird found in Jan '91, successfully released at Onoke Spit (TCH).

ANTARCTIC PRION *P. desolata*

[BP] Papamoa, 1 found alive in dunes during NE storm on 5/8, died later (PCL).

BROAD-BILLED PRION *P. vittata*

[BP] Ohope B, 1 freshly dead on 24/7 (WMH).

PRION *Pachyptila* sp.

[M] Foxton B, 1 offshore on 22/7 harassed by Southern Black-backed Gull (JLM).

PYCROFT'S PETREL *Pterodroma pycrofti*

[N] Aorangi I, Poor Knights, a few birds seen ashore on 20/11 (GRP). Hen I, 10 caught in burrows and banded from 28/12 to 4/1. Each bird was incubating an egg. Most birds responded to war-whoops during the day. Occasional flight calls were heard at night but no birds were found on surface

(GA&SLT). [SA] Red Mercury I: 3 in burrows on 10/10, responded to war-whoops but no aerial calling heard. By 15/10 at night, birds were common on surface, in burrows and much aerial calling heard. A pair were observed copulating at the burrow entrance on 16/10. From 10-17/10, 124 were banded and 250 burrows were located (Red Mercury has the largest population of this rare species); 70 fledglings banded from 28/3 to 1/4. Flight calls heard briefly on 29/3 and 1/4, otherwise silent (GAT, AJT).

BLACK-WINGED PETREL *P. nigripennis*

[FN] Motuopao I, 100s excavating burrows on 14-17/11 and 1 pr found in burrow during day (RJP). Cape Maria van Diemen, 1 heard calling in flight on 30/4 (TS, GT). [G/W] Tolaga Bay, 1 on 27/1, 42 km offshore (GAF).

GREY-FACED PETREL *P. macroptera gouldi*

[FN] Motuopao I, adults seen ashore at night on 14-17/11, several burrows had chicks (RJP). Cape Maria van Diemen, tens of birds chasing in prs or groups, sitting on ground or calling actively on 30/4 and 2/5 (TS, GT, GAT, GRP, DM). [N] Hen I, up to 10 adults seen flying over island on 1/1 and 1 was caught near campsite at Dragonmouth Cove on 2/1 (recognised by mixture of old and new feathers and very pale around face). Chicks, some partly downy, still present in burrows on 2/1 though most sites empty by this date. Burrows of this species were common on the ridge around the Pinnacles, even on the summit of the highest Pinnacle at 417 m asl (GA&SLT). [A] Motuora I, nesting during July/Aug (SPC). Kauwahaia I, several calls heard in flight and 1 bird seen on ground on 23/3, appears to be just at start of breeding season. Many birds in burrows during day and calls common at night on 4/4. Many were still moulting tail and primary feathers in early April (GAT, AJT). [SA] Red Mercury I, adults mostly feeding chicks from 10-17/10. A few birds still calling in flight over the colonies and some landed and called in response to war-whoops; a few birds in burrows during day on 28/3, activity increasing rapidly from 28/3 to 1/4 with frequent aerial calling and birds reoccupying burrows (GAT, AJT). [BP] Pudney Reef, 1 on 31/7; Mt Maunganui to Motiti I, several on 4/8, 2 on 15/5, several on 31/5; Mt Maunganui to Mayor I, several on 22/8, 1 on 25/8 (JEH). Mt Maunganui, several birds on surface during evening visit on 11/8; Mt Maunganui wharf, 1 alive on 24/12, later released (PCL). Rurima Rocks, 1 banded bird found dead in water (WMH). [T] Colonies at Sutton and Beach Rds, Omata; Carr's Rd, Urenui; and Rapanui all appear stable with little evidence of predation. About 100 birds banded during 1990 and 1991 (DGM *et al.*).

WHITE-HEADED PETREL *P. lessonii*

[M] Foxton B, 1 passing north on 15/9 (JLM).

WILSON'S STORM PETREL *Oceanites oceanicus*

[BP] Matata, 1 on 25/10, about 3 km offshore (WMH).

GREY-BACKED STORM PETREL *O. nereis*

[BP] Ohope B, 1 found dead on 24/7 (WMH). [G/W] Tolaga Bay, 2 together on 27/1, 42 km offshore (GAF).

WHITE-FACED STORM PETREL *Pelagodroma marina*

[FN] Motuopao I, many ashore at night and adults had brood patches, 1 nest found on 14-17/11 (RJP). [N] Poor Knights, 1 seen on trip out on 22/9 (GRP). Off Whangarei H entrance, near Bream Head, 1 on 5/1 (GAT). [A] Kawau I to Little Barrier I, 3 on 20/8/89 were first birds noted that season, small groups of 6 were observed feeding off Little Barrier on 28/8/89 (TCG). Waiheke I, feeding flock of c150, north of island on 22/9 (MJT, OSNZ group). [BP] Near Mayor I, 1 on 22/8, several on 25-26/8, c30 on 15/9 and c60 on 21/9; Astrolabe Reef, numerous on 22/9 (JEH). Karewa I, 8 km NE, 2025 seen over period of 30-40 minutes on 24/11 (PCL).

STORM PETREL sp.

[HB] Porangahau, 2 on 3/3, 23 km offshore. Unusual to see these birds off this coast (JW).

BLUE PENGUIN *Eudyptula minor*

[FN] Motuopao I, common, many downy and full grown chicks noted on 14-17/11, 90+ adults ashore one night (RJP). [N] Mauitaha I, 241 ashore on 9/1, most birds moulting (GRP, PM). Hen I, 2 small downy chicks c2 weeks old found in burrow on 29/12. Numerous birds coming ashore at night in Dragonmouth Cove from 28/12 to 4/1 (GA&SLT). [SA] Matarangi B, 1 at nest in rock crevice on 3/11 (EEP). Red Mercury I, present in small numbers around the coast from 10-17/10; none seen ashore from 28/3 to 1/4, although heard at sea on 1/4 (GAT, AJT). [BP] Near Karewa I, 4 on 24/11 (PCL). [W] Kapiti I, 1 seen in bush after dark on 13/4 (DS).

RED-TAILED TROPICBIRD *Phaethon rubricauda*

[FN] Great I, Three Kings, seen visiting cliff crevices in summer (KD).

AUSTRALASIAN GANNET *Morus serrator*

[A] Muriwai colony: nesting on high and low cliffs and rock stack, 550 nests on 9/9 (MJT), 670 nests on 6/10 (GAP), 680 nests on 25/11 comprising 275 on rock stack, 280 on high cliff and 125 on low cliff (RBr, AS), 345 adults and 470 nearly fledged young present on 25/1 (MJT). [BP] White I, very few birds left in colonies on 24/3, less than 100 altogether with a few almost fully grown young (PCL). [G/W] Tolaga Bay, Moutara Rock, c.350 nests on 20/10 (GAF). [T] Waiongana E, 43 adults flying south on 18/11; Waiwhakaiho R, New Plymouth, 1 adult several hundred metres upstream on 21/7 (DGM). [M] Foxton B, max of 100+ feeding on 25/12; Manawatu E, 2 at high tide on 30/12 (not inside bar) (JLM). [HB] South Napier, minimal numbers on 4/11 and 29/6 (OSNZ cen). Black Reef-Cape Kidnappers, all large flat rocks at reef and headland at Cape fully occupied by adults, juvs and chicks on 13/2 (KVT). Ocean B, c150 with White-fronted Terns, diving over fish shoals on 13/8. Group extended over 1 km (BM&MGT, KVT). Porangahau, minimal numbers on 4/11 and 29/6 (OSNZ cen). [W] Wellington H, 1 juv on 5/6 (AJT).

BROWN BOOBY *Sula leucogaster*

[FN] Houhora H, 1 imm present Sept-June (VH, RJP, DAL, GRP, GAT). [N] Tutukaka, 1 juv in harbour during June (GRP).

BLACK SHAG *Phalacrocorax carbo*

[N] Whangarei H: Skull Crk, 1 on 10/11 (GNG). [SA] Kaiaua, 2 on 16/1 (BHS). Pukorokoro Crk, Miranda, 70 on 15/5 (ASR). Waiau R mouth, Coromandel, 1 on 29/1 (AV&JVP). Whitianga H, 2 on 2/7 (MBM). Whangamata, 5 on farm inland on 11/2 (HMS). [Wk] L Waahi, NE shore, 97 in colony feeding large young on 22/9 (BHS). Kotuku Crk, northern Raglan H, 20 in nuptial plumage, courting on 9/5 (ASR, PMB). Hamilton L, 5 on 14/10, 15 + 2 juvs on 23/2, 14 on 13/4 (MAB). [BP] Tauranga H: Tuapiro Pt, 1 on 16/6; Pahoia, 1 on 16/6; Te Puna, 7 on 10/11 (JRP, KLB). Kaituna Cut, 2 on 28/7 and 2/12, 9 on 19/5 (JD, PCL). Little Waihi, 2 on 2/12; Matata, 2 on 9/9, 1 on 3/11, 4 on 18/5; Tarawera R mouth, 2 on 3/11 (PCL, RMW). Ohiwa, 2 on 3/11; Waioeka E, 2 on 1/11; Waiaua E, 2 on 1/11; Motu R mouth, 1 on 30/10, 6 on 27/5 (WHS). [VP] Tokaanu outflow, L Taupo, c40 on 10/3 (AJT, PFB). [M] Whirokino, c20 occupied nests on 26/12, including 2 juvs with completely white breast and belly (JLM). [HB] Ahuriri E/Westshore Lag, 30 on 4/11 (OSNZ cen), 7 nests (2 with well grown chicks) on 6/2 (M&PWT), 23 on 10/3 (AJT, PFB), 32 on 30/6 (OSNZ cen). Waitangi, 16 on 4/11, 33 on 30/6; East Clive/Tukituki E, 12 on 4/11, 10 on 30/6 (OSNZ cen). Clifton-Cape Kidnappers, colony nested in winter '90 on ledge below top of high cliff, halfway between Clifton and Black Reef (new breeding colony) (BMT). Black Reef, 14 on 8/1 (TAS). Porangahau, 4 on 3/11, 17 on 29/6 (OSNZ cen).

PIED SHAG *P. varius*

[N] Paihia, 1 freshly dead on 15/4, 2 on 18/4 (EW). Whangarei H: Port Whangarei, 6 on 23/9, 9 on 3/1 (GNG); Hewletts Pt, 24 occupied nests ranging from 4 eggs to newly hatched and nearly fledged chicks on 22/12 (GRP). Lang's B, 18 nests most with 3 nearly fledged chicks on 20/8; L Humuhumu, Pouto, 10 nests, several with 2 nearly fledged chicks on 15/9 (GRP). [A] McLean's Dam, Taporu, 34 nests on 16/11; Western Springs, Auckland, 16 nests on 9/12 (MJT). [SA] Karaka, 11 on 1/1 (JU). Red Mercury I, 32 + on 31/3 roosting at dusk in pohutukawa at Shag Bay, 8 + nests were visible in same trees (AJT). Whitianga B, did not breed this year (MBM). [Wk] Hamilton L, 1 on 9/6 (AS&JMR). [BP] Karewa I, 1 sub-adult on 24/11 (PCL). Tauranga H: Tuapiro Pt, 24 on 10/11, 8 on 16/6; Sulphur Pt, 3 on 17/11, 2 on 16/6; Matakana I, SE end, 2 on 17/11 (PCL, JRP, AM). Kaituna Cut, between 40-100 birds present all year round in colony in pine trees at river mouth, 40 on 28/7 and 9/9, c100 on 4/11, c70 on 17/2, c50 on 19/5 (PCL). Little Waihi, 6 on 4/11 (KLB). Waitahanui R mouth, 8 on 18/5; Tarawera R mouth, 2 on 9/9, 24 on 3/11, 20 on 28/4, 21 on 18/5; Rangitaiki R mouth, 4 on 9/9, 6 on 28/4, 4 on 18/5; Whakatane E, 10 on 3/11, 8 on 18/5; Ohope Spit, 3 on 3/11 (PCL). Waiotahi E, 14 on 1/11, 15 on 18/5; Waioeka E, 12 on 1/11, 17 on 20/5; Waiaua E, 35 on 20/5; Motu R mouth, 14 on 30/10, 8 on 27/5 (WHS). [M] Manawatu E, singles on 8/7, 5/8 and 16/6 (JLM).

LITTLE BLACK SHAG *P. sulcirostris*

[FN] Northland dune lakes, widespread but small numbers (RJP). Houhora H, 1 on 9/2 (DAL). Kerikeri Inlet, 94 on 19/6 (AJB). [N] Port Whangarei, 25 on island with Royal Spoonbill on 13/8, 38 on 25/8, 10 on

3/11, 47 on 4/5, 100 on 1/6 (GRP, GNG). L Humuhumu, Pouto, 21 on 15/9 (GRP). [A] Weiti, Wenderholm and other east coast locations, wintering flocks of 150-200 (RBr). Waitemata H, wintering flocks of c70 (MJT). [SA] FoT, 110 on 19/5 (OSNZ cen). Waharau, 200 on 3/6 (BHS). Whitianga H, 35 on 16/7, 52 on 30/5; Mercury Bay, 38 on 24/7, 50 on 11/6 (MBM). [Wk] L Waahi, 15 on 22/9; Kawhia, c25 fishing on 14/5 (BHS). [BP] Tauranga H: Sulphur Pt, 3 on 16/6; Maungatapu, c250 on 17/5 (PCL, JD). Kaituna Cut, 4 on 19/5; Tarawera R mouth, 3 on 9/9, 2 on 3/11, 20 on 18/5; Rangitaiki R mouth, 32 on 22/6; Whakatane R mouth, 1 on 3/11 (PCL, JD, WMH). Ohiwa H: Ohope Spit, 137 on 13/7; Harbour Rd, c70 on 30/4; Kutarere, 105 on 5/5 (WMH, JD). L Aniwhenua, 2 on 3/2 (WMH). [VP] Sulphur Bay, L Rotorua, c.400 roosting on island on 20/10. Three out of 75 birds checked had metal band on left leg. These were banded as chicks 7 years ago in 1982/83 summer; c50 roosting on island on 23/12 (GAT). [G/W] Whakaki Lag, c40 feeding on carp on 12/5; Wairoa E, 56 feeding on herring (yellow-eyed mullet) (GAF). [T] Pukekura Park, New Plymouth, 1 on 11/7; Mamaku L, Waitara, 2 on 27/4; not at all common in North Taranaki (DGM). [M] Manawatu wetland survey: total of 95 on 30-31/3 (HAR *et al.*). Manawatu E, max 44 on 20/10 (JLM). L Horowhenua, c20 on 22/7 (AJT, BAT). [HB] Ahuriri E/Westshore Lag, 13 on 4/11, 4 on 30/6; Waitangi/East Clive, 7 on 4/11, 4 on 30/6 (OSNZ cen). Tukituki E, 200 on 6/10 (BMT), 171 on 4/11, 24 on 30/6 (OSNZ cen). Fernhill, flocks noted every morning at c0700h flying up Ngaruroro R during March/early April. On 31/3, c120 in 3 groups, then a huge flock of at least 250 and possibly up to 370, working downstream from Fernhill Bridge (JGH). Clifton-Cape Kidnappers, halfway between Clifton and Black Reef, on ledge immediately below clifftop (site where Black Shags nested in winter), small nesting colony of 9 adults on 30/10. One nest had 2 eggs and a naked dark grey chick. A report of more nests and more chicks and eggs earlier (BMT). This is first nesting site recorded for this species in Hawkes Bay (MTC). Porangahau, none on 3/11, 11 on 29/6 (OSNZ cen). [W] Waikanae E, 24 catching small fish on 12/5; Wellington H wharves, 8 on 18/5, 20 on 5/6, 30 on 27/6 (AJT).

LITTLE SHAG *P. melanoleucos brevirostris*

[FN] Houhora H, 1 on 9/2 (DAL). [A] Leighton's Pond, South Kaipara, 20 nests with 20 Pied Shag nests in same colony on 22/10 (GAP). McLean's Dam, Taporu, 15 nests on 16/11; Hobson Bay, no colony this year (MJT). [SA] FoT, 41 on 19/5 (OSNZ cen). Colville, 2 on 15/2 (BHS), still present on 7/3; Waikawau Bay, 1 on 5/3 (AV&JVP). Shag Bay, Red Mercury I, 1 roosting with Pied Shags at dusk on 31/3 (AJT). Whitianga B, did not breed this year (MBM). [Wk] L Waahi, c25 on 22/9 (BHS). Hamilton L, 2 on 23/2 (MAB). [BP] Tauranga H: Tuapiro Pt, 3 on 10/11, 9 on 16/6; Bowentown shellbanks, 27 on 16/6; Walker Rd East, Katikati, a colony of 40-50 prs in weeping willows in Katikati Bird Gardens on 10/11 (JP, BC, PCL). Kaituna Cut, 5 on 2/12; Maketu E, 6 on 28/7, 5 on 4/11; Little Waihi, 7 on 4/11, 10 on 2/12; Matata, 10 on 18/5; Tarawera R mouth, 6 on 9/9, 4 on 3/11, 5 on 18/5; Whakatane R mouth, 1 on 3/11 (PCL, KLB). White I, 1 on 24/3 (PCL). Ohiwa, 4 on 18/5; Waiaua E, 6 on 20/5; Motu E, 4 on 27/5 (WHS). [VP] Tokaanu outflow, L Taupo, c80 on 10/3 (AJT, PFB). [M] Manawatu E, max 2 on 5/8; Foxton No.1 L, 3 on 22/7 and 5/8 (JLM).

[HB] L Tutira, 6 on 17/2 (thorough survey) (GAF). Ahuriri E/Westshore Lag, 19 on 4/11, 38 on 30/6; Waitangi E to Tukituki E, 14 on 4/11, 26 on 30/6; Porangahau, 5 on 3/11, 7 on 29/6 (OSNZ cen). Winter total same as 1990 (lower than usual), but birds seen in reasonable numbers at most inland lakes and lagoons (MTC). [W] L Puketewhaino, Waikanae, 3-4 nests, some with full grown chicks on 22/12 (AJT). Wellington H, between Petone and Kaiwharawhara, numbers varied between none in Dec/Jan and 25 in May/June (AM).

SPOTTED SHAG *Stictocarbo punctatus*

[A] Tarahiki I, colony of c500 birds and 150-200 nests on 22/9 (MJT). [SA] Tarata Pt, Matingarahi, 8 including 2 in breeding plumage on 9/9 (AJG), 15 on 28/4 (very low numbers for this usually good HT roost) (PJA). FoT, none were recorded on summer or winter census (OSNZ cen). Rabbit I, Coromandel, none nesting on 1/12 (AV&JVP). [HB] East Clive sewer outfall, 43 on 18/7 (the largest count in recent years), 39 on 19/8, 24 on 20/9 (ARG, BMT, KVT), 1 on 4/11 (OSNZ cen), birds began to return in May, 4 on 12/5 (R&TAS), 13 on 30/6 (OSNZ cen). Birds not usually present in breeding season at known roosts. No breeding colonies known in region (MTC). [W] Wellington H, Steeple Rock, 2-6 in late August (BDB).

LESSER FRIGATEBIRD *Fregata ariel*

[N] Whangarei H, 2 in Oct including 1 male (RJP).

WHITE-FACED HERON *Ardea novaehollandiae*

[FN] Houhora H, 2 on 9/2 (DAL). Unahi, Rangaunu H, 153 in paddocks feeding on crickets with Cattle Egrets on 9/4 (GRP). [N] Whangarei H: Port Whangarei, 7 on 29/3; Portland, 4 on 29/10; Takahiwai, 12 on 12/2, 15 on 10/3 (GNG). Hen I, 1 flying off Dragonmouth Cove on 3/1 (GAT). [A] Kaipara H: Oyster Pt, 10 on 4/11; McLean's Farm, 11 on 2/12 (GNG). [SA] Gordon's Rd, Waiuku, 1 partial albino still present on 2/6. This bird has been present since Nov '85 (DJ&PJA). Shag Bay, Red Mercury I, 3 on 31/3 roosting at dusk in pohutukawa with Pied Shags (AJT). [Wk] L Waahi, 4 on 22/9 (BHS). Ruapuke B, 1 on 14/4 (FN, WIR). [BP] Tauranga H: Tuapiro, 10 on 10/11, 60 on 16/6; Matahui Pt, 6 on 10/11; Omokoroa Golf Course, 9 on 10/11, 46 on 16/6; Te Puna, 10 on 10/11; Sulphur Pt, 3 on 17/11 (JRP, RSC, KLB, PCL). Kaituna Cut, 2 on 4/11, 3 on 2/12, 12 on 17/2; Maketu, 25 on 4/11 on football field; Little Waihi, 31 on 2/12; Tarawera R mouth, 4 on 3/11; Whakatane E, 2 on 3/11 (PCL, RSC). Ohiwa H, c40 on 7/6 in the Ruatuna Rd area (RMW). Waiotahi E, 15 on 18/5; Waioeka E, 17 on 1/11; Waiaua E, 1 on 1/11 (WHS). [M] Manawatu E, 1 juv on 18/11, with noticeably down-curved bill (JLM). Whirokino, near Foxton, 34 on 22/4 (MO). [HB] L Tutira, 3 on 17/2 (GAF). Ahuriri E/Westshore Lag, 53 on 4/11, 60 on 30/6; Waitangi to Tukituki E, 4 on 4/11, 5 on 30/6 (OSNZ cen). Black Reef, Cape Kidnappers, 3 on 18/1, not noted here previously (R&TAS). Swamp Rd, Fernhill, local farmer reported 1 attacked and apparently killed by a hawk as found dead soon afterwards (probably a harrier but just possibly a falcon) (per MTC). Porangahau, 7 on 3/11 (OSNZ cen). Seen throughout Hawkes Bay including city parks and school grounds after rain (MTC).

WHITE HERON *Egretta alba*

[FN] Houhora H, 1 in Aug (RJP). [N] Burgess I, Kaipara H, 1 on 12/5 (GRP). [A] Jordan's Farm, Kaipara H, 1 on 4/11 (GNG). [SA] Wattle Downs SP, near Manurewa, 1 on 13/6 (CS). Port Waikato, 1 on 25/4 (DAL). FoT, 1 on 19/5 at Taramaire (KH, OSNZ cen), seen until 25/5 (DJ&PJA). [Wk] L Ngaroto, 1 in June (RWD). [BP] Welcome Bay, Tauranga, 1 reported in June (PCL). Matata, 1 on 1/7, 7/9 and 28/4 (PCL, WMH), 2 on 18/5 and 26/5 (GG&LJB, RMW). L Taramananui, Onepu, 1 flew up the lake on 4/5, opening day of the duck shooting season (RMW). Waiaua E, 1 on 20/5; Opape, 1 on 27/5 feeding in company with Reef Heron, probably same bird as seen at the Waiaua E (WHS). [G/W] Whakaki Lag, 1 first seen on 12/5, present through winter (GAF). [Wg] Wanganui E, 1 on 25/4, a very rare visitor to the region (MM, GR, OCT). [M] Whirokino, 1 on 15/4 (JLM). L Horowhenua, 1 on 9/6 and 27/6 (WRJ, MO). [HB] Ahuriri E, 1 on 25/8 (JCH, CFM) and 1 at nearby Wildlife Res, Watchman Rd on 13/9 (R&TAS), none on 4/11 (OSNZ cen). Anderson Park, Greenmeadows, 1 on 12/7 walked within 7 m of two people for c15 minutes (MTC, JLL), first '91 sighting on 10/6, frequently seen thereafter at park or in waterways surrounding Tamatea (LMS). Waitangi E, none on 4/11 (OSNZ cen), 1 on 30/5 and another with a Little Egret at nearby Clive R bridge (BMT), 1 on 30/6; Tukituki E, 1 on 30/6 (OSNZ cen). Haumoana, 1 on 12/5 (R&TAS). Flaxmere Park, Hastings, 1 on 3/10, not recorded here before, and no subsequent sightings (MTC). L Poukawa, 1 on 10/5, first definite sighting of White Heron in Hawkes Bay during winter. Not seen at this site for many years (BS). [Wr] L Wairarapa, 1 on 18/1 (TCD).

LITTLE EGRET *E. garzetta*

[FN] Unahi Rd, Rangaunu H, 1 in March (RJP), 1 on 17/4 and 3/5 (the single plume on head was visible on this occasion), 3 on 7/5 perching in macrocarpas with Royal Spoonbills (GRP, GAT). [A] Ambury Park, Mangere, 1 on 25/8 (GJA). [SA] Conifer Grove, Manukau, 1 on 11/7 (ERW) and 25/4 (DJ&PJA, PH). Wattle Downs SP, Manukau, 2 on 7/8 (ERW), 1 on 13/6 (CS). Bottletop Bay, Papakura, 1 on 25/4 (DJ&PJA, PH). [BP] Matata Lag-Tarawera R mouth, 1 from 7/8 to 10/2 (WMH, PCL, RJ&BGL, AM, RMW). [HB] East Clive, 1 on 4/8 (M&PWT), remained until at least 25/11 (JGH, ARG, KVT, TAS). First sighting in '91, 1 on 18/3 (KVT), though possibly present as early as 27/2 (JGH), 1 present March-June (KVT, R&TAS, BMT).

REEF HERON *E. sacra*

[FN] Motuopao I, 1 on 14-17/11 (RJP). Te Werahi B, 1 at south end on 3/10, 1 at north end on 8/10 (GRP). Far North harbours, small numbers present (RJP). Houhora H, 6 (including 1 at entrance) on 9/2 (DAL). Te Huka Bay, 1 on 17/10 (GRP). Whangaroa H, 1 on 25/9 (PA). Tapuaetahi Crk, 1 on 21/8; Rahui I, Kerikeri Inlet, 1 on 26/9 (GRP). [N] Paihia, 1 on 15-18/4 (EW). Russell, 2 on 19/2 (AJB). Whangaruru H: Motutara I, 2 on 5/2; Motuhui I, 2 on 5/2; Bland Rocks, 1 on 4/2 (GRP). Paparahi I, Helena Bay, 1 juv on 4/2; Otamure Bay, 1 on 18/2; Whananaki E, 1 on 1/8; Rahumaumau I, Tutukaka, 1 on 6/6; Whau Pt, Tutukaka, 2 feeding on rocks on 4/1; Ngunguru E, 1 on 1/8 (GRP). Whangarei H: Parua Bay, 1 on 4/1;

Calliope I, 2 prs on 10/11, 4 adults and 2 chicks seen running around forest floor on 24/12; Motukaroro I, 3 prs on 10/11, 5 adults and 1 chick seen on forest floor on 24/12; One Tree Pt, 1 on 19/8; Onerahi, 1 on 28/4; Otaika Stm, 1 on 5/8 (GRP); Port Whangarei, 1 on 3/1, 29/3 and 26/5; Skull Crk, 1 on 23/2 (GNG). Ruakaka E, 1 on 22/7, 18/11 and 27/12 (GRP). Hen I, 1 or 2 seen at cave site on northern coast on 3/1. Droppings in cave suggest a regular roost or possible nesting site (GAT). Waipu E, 1 on 13/11, 28/4 and 12/5 (GRP). [A] Mangawhai E, 1 on 16/9 (GRP). McLean's Farm, Kaipara, 1 on 2/12 (GNG). Kauwahaia I, 1 on 25/8 and 23/3 (GAT, AJT). [SA] Clifton Rd, Whitford, 1 on 25/4 (DJ&PJA, PH). Clevedon R mouth, 1 on 26/5 (AJG). Port Waikato, 1 on 22/7 and 25/4 (PJA, DAL). Kaiaua, 1 on 28/9 (CFM). Coromandel Pen: Wyuna Bay, 1 on 4/11; Oamaru Bay, 1 on 20/8, 2 on 11/11; Colville H, 1 on 14/8 (EEP); Te Whau Pt, 2 feeding in a rock fish trap on 15/2 (BHS); Mercury Bay, single birds seen regularly at Ohuka B, Taputapuata and Tarapatiki R mouth; Whitianga H, 1 on 21/9, 2 on 26/12 (MBM), 2 on 27/3 (roosting 5 m up on branch of pohutukawa opposite wharf at 1825h), 1 on 2/4 (AJT, GAT), 1 on 12/5 (MBM). [Wk] Ruapuke B, 1 on 31/7, 19/8 and 22/3 (ASR). Kawhia, 3 on 14/5 (BHS). Taharoa B, 1 on 28/7 (ASR). [BP] Tauranga H: Matakana I, SE end, 1 on 17/11 and 24/11; Sulphur Pt, 1 on 17/11 (PCL, KLB). Kaituna Cut, 2 on 17/2, 1 on 19/5 (PCL, JD). Little Waihi, 1 on 17/2 and 19/5 (PCL, RSC). White I, 1 on 24/3 (PCL). Whakatane wharf, 1 feeding off rocks on 11/4 (RMW). Ohiwa Spit, 1 on 3/11; Waiaua E, 1 on 30/10; Opape, 1 on 30/10 (different bird to that at Waiaua E) and 27/5; Whangaparaoa E, Cape Runaway, 1 on 14/5 (WHS). [G/W] Pourewa I, Tolaga Bay, 1 on reef on 20/10; Oraka, Mahia, 1 on 25/11, still present on 30/3 (GAF). [T] Awakino E, 1 on 23/5; Waiongana E, 1 on 8/11; Tapuae, near Oakura, 2 on 25/1; Perth Rd, Okato, 1 on 19/8; Bayly Rd, Cape Egmont, 2 on 19/8 (DGM, RWB, CL). [Wg] Wanganui E, 1 on 12/3 (OCT). [HB] Ahuriri E, 1 on 11/10, 17/2, 2/3 and 5/5 (ARG, KVT, M&PWT), not seen on summer or winter census (MTC). [W] Moa Pt, Wellington, 1 on 17/3 (GAT).

CATTLE EGRET *Bubulcus ibis*

[FN] Paua, 1 in breeding plumage on 12/10 and 19/10 (GRP). Unahi Rd, Rangaunu H, 54 on 31/8, last reports late Nov, small group back by 4/4, 2 on 8/4, 4 on 9/4, 5 on 10/4, 53 on 17/4, max 78 on 21/4, 60 on paddocks on 1/5 (GRP, MCH, RJP, GAT). Awanui to Kaitaia, c100 on one occasion in April (MCH). Taipa E, 14 on 1/4 (RJP). [N] Portland, 21 on 30/6; Mata, Gilbert Rd, 5 on 22/10, 1 on 16/6; Ruawai, Kaipara H, 141 on 15/6 (GRP, GNG). [A] Parakai-Helensville, first reports on 1/4 (CE, BG), 47 on 7/5, 75 on 4/6 (CE). [SA] Aka Aka, 60 on 5/8 (JVD), 77 on 2/9 (BJB *et al.*), 8 on 5/4 were first arrivals back, 12 on 15/4, 17 on 16/4, 50 on 17/4, 70 on 21/4, 150 on 23/6 (AJG, DGB). Tuakau SP, 2 on 28/4 (DAL). Mangatarata, opposite golf course, 1 feeding in drain on 15/11 (AMH). Pokeno, 17 in paddock on 2/5, flew west at 1630h (DAL). Miranda, 15 flying north on 14/11 (DTH), 7 at Taramaire on 28/4 (DJA). Piako, 73 on 14/8 (AJG), early arrival of 4 on 23/3 (JU), 45 on 28/4 (DJ&PJA), building in numbers to reach 97 by 30/6 (AJG). [Wk] Rangiriri, 270 on 18/8 (ASR), still present on 1/10 (SC), 2 on 10/4, 35 on 11/4 including 1 wing-tagged from Shortland, NSW. Several ate dead mice from recently harvested maize

field (BAW), 123 on 10/5 (AS&JMR). Ohinewai, 3 in partial breeding plumage on 6/10 (PMB). L Rotokawau, 3 on 10/10 (same as Ohinewai birds?) (JMR). Onions Rd, Horotiu, 1 on 23/3 (MAB). L Ngaroto, 44 on 21/8 to November, 20 arrived on 20/4, increasing to 61 on 16/5 (ASR). Otorohanga, northern outskirts, 1 on 6/7 (AKT). [BP] Tuapiro, Tauranga H, 1 on 7/5 (JRP). Kaituna Cut, 12 on 5/7, 8 on 4/11, 23 on 3/6 (KLB, GG&LJB). Tarawera R mouth, c20 roosting at midday in macrocarpa tree on 1/7, 9 on 15/8 near Benner's Bridge (1.5km east of Tarawera R), presumably part of flock seen at Tarawera R mouth on 1/7; Awaiti, c40 on 30/3, 8 on 28/4, 30 on 25/5, 48 on 28/6 (the flock has broken into smaller groups at times, then regrouped) (KLB, WMH, PCL, RMW). L Aniwhenua, 4 on 23/9 (KLB). Kukumoa, Opotiki, 7 on 2/8, 8 on 23/9 through to 1/11, 7 had returned by 8/5, increasing to 8 on 18/5, 12 on 20/5, 13 on 12/6 (WHS). [VP] Plateau Rd, Reporoa, 7 on 8/5 reported by local resident (per KLO). [T] Awakino, 8 on 6/6 (VS). Tongaporutu, 1 on 4/6 (BW). Mamaku L, Waitara, 25 on 8/9, 1 on 5/4; Waitara, flock of 40 on 3/6; New Plymouth, 24 on 25/9, some showing light russety heads and necks, 14 on 23/6 (DGM). Matawhai Res, Oakura, 1 on 9/5 (GFB). Maui Rig, 1 flew onboard exhausted on 24/4, later released (DGM). [M] Rata, near Hunterville, 28 on 1/6 (LJD). Manawatu E, 4 on 5/4, 40 on 1/6 (TFR, JLM). Whirokino Flats, max 110 + on 21/7, 100 on 22/7, last 26 on 17/11, 41 on 29/4, max 97 on 15/6 (JLM, MO, WRJ, RJW, PFB, GAT). Manawatu R, near SH1 bridge, 67 on 7/10, c50 in paddock on 19/5, c65 on 30/6 (AJT, BAT, DS). [HB] Awatoto, Napier, 1 on 27/5 opposite sewage station (R&TAS). Fernhill, Swamp Rd, 3-4 in May, 1 remained throughout June (MTC). Clive, 2 at Hohepa farm on 12/5 (R&TAS). Tukituki E, 1 on 13/1, beside estuary and cattle in adjacent field (M&PWT), not recorded previously in Hawkes Bay during summer (MTC). Maraekakaho Rd, near Glazebrooks SH50, 8 + on 16/6 (GAF). Te Hauke/L Poukawa, 15 on 21/6, 26 on 29/6 (KVT, M&PWT). Larger numbers than usual for Hawkes Bay (MTC). [Wr] South Featherston Rd, 41 on 24/5 (JD).

AUSTRALASIAN BITTERN *Botaurus poiciloptilus*

[FN] Te Werahi Stm, 2 flushed on 1/5 (GRP). Far North dune lakes, present on most reed fringed lakes (RJP). Ahipara to Waipapakauri, 18 seen on 8-11/4 (GRP, PM). L Ngakapua, Waipapakauri, 1 on 28/11 (ACR). Pukewhau Channel, Rangaunu H, 1 flushed on seaward side of mangroves on 7/6. It flew up and perched in mangroves (GRP). Urlick Rd, Karikari Pen, 1 caught one fish in 50 minute search, 60m off bank (AJB). L Rotoroa, Kaitaia, 1 flushed from *Eleocharis* sedge strip on lake margin on 10/4 (PA). [N] L Owhareiti, 6 flushed from periphery on 27/9 (RJP, PA). Motatau Swamp, 2 calling on 1/10; Waipu E, 2 flying on 30/11 (PA). Lake 3km west of North Kaipara Head, 1 seen on 23/2 (GRP, PC). [A] L Kereta, 7 on 3/6 (DJ&PJA). Huia, 1 taking a flounder (JES). Whatipu, 2 on 21/4 (ASR). [SA] Peach Pt, Umupuia, 1 on 18/3 (AJG). Opuatia Swamp, 1 feeding in open grass paddock 50 m from cover on 20/6 (DAL). Kopuku, 1 on 26/8; Meremere, 2 on 26/8 (DJ&PJA). Coromandel, 1 on 2/1 (AVP). Whangapoua, 2 on 22/9 (EEP). Whitianga R, 1 in flight on 22/6 (MBM). [Wk] L Waahi, 6 on 22/9; Taupiri, 1 on 22/9 (BHS). Raglan H, Saunders' farm, 3 in early August (PMB). [BP] Uretara E, Katikati, regularly heard booming late Nov

and Dec '90 (BC). Papamoa, 1 flying over "long swamp" on 17/12; Matata, 1 on 9/9 and 18/5 (PCL), 3 on 26/5 (GG&LJB). Tarawera R mouth, 1 on 9/9, 18/5 and 28/6 (WMH, PCL). Awaitei Wetlands, 2 on 1/7, 1 on 30/4 (PCL, RMW). Thornton Lag, 1 on 22/6 (WMH). L Aniwhenua, 1 on 23/9 (PCL). Wainui R, Ohiwa H, 1 on 3/7 (WMH). Waiotahi E, 1 on 1/11; Waioeka E/Kukumoa, a report from DOC of 8 seen in early Oct, 2 on 6/10 and 1/11, 1 on 5/11 and 19/5; Waiau E, 2 on 20/5 (WHS). [VP] Acacia Rd, L Okareka, 1 in small pond in garden on 3/3 (KLO). [T] New Plymouth, 1 at Omata wetlands on 20/11 and 30/6 (ALE, VS). Okato, 1 struck by car on 1/9 died several days later (DGM). [Wg] Waitotara E, 1 on 21/10 (DGM *et al.*). [M] Pukepuke Lag, 2 seen on 29/9 (RG). Foxton No.1 L, singles on 22/7 and 3/2 (JLM). [HB] Ahuriri E, 1 on 31/10 and Feb-May (JGH *et al.*). Westshore, 1 in Watchman Rd area on 13/9; Puketapu Swamp, west of Taradale, 3 (including a pair) on 1/10/89 (R&TAS), 1 on 16/9 with unusual facial colouration (see note in OSNZ news; Dec '90) (M&PWT). L Oingo, Fernhill, 1 on 5/5 (CFM, JGH).

GLOSSY IBIS *Plegadis falcinellus*

[Wk] Rangiriri, 1 until early October (SC), 1 with egrets on 2/5 and throughout winter (HGS). [Wr] L Wairarapa, 1 present after several months on 18/11 (HAR, BDH).

ROYAL SPOONBILL *Platalea regia*

[FN] Waitiki Landing, Parengarenga H, 27 feeding on mudflats on 19-20/7 (AJB), 25 (1 c/b) on 2/5 (GRP), 16 in winter count (RJP). Unahi Rd, Rangaunu H, 17 up river from wharf, feeding and preening on tidal mudflats on 22/7, c34 in pines at high tide on 25/7, 22 on 31/8, 1 on 17/4, 14 flew to roost in macrocarpa on 21/4, 29 (1 c/b) on 3/5 and 7/5, c40 roosting in macrocarpa on 9/5, 38 max winter count (MCH, GRP, GAT, RJP). [N] Port Whangarei, 11 on 13/8, 13 on 25/8, 1 on 21/4, 6 on 27/4, 8 on 30/4, 9 on 4/5, 12 on 1/6 and 9/6 (GRP, GNG). [A] Mangere SP, 6 on 1/7 (GJE *et al.*), 34 on 21/10 (DJ&PJA), 7 on 23/11 (AJT, PFB, SK), 2 on 2/12, 1 on 18/3 (DGB), 6 on 15/4 (GJE, KH, RBS), 17 on 20/4 (SJD), 31 on 20/5 (RBS). [SA] Tuakau SP, 9 flew north at 1800h on 25/4 (DAL). Meremere, 1 reported on 10/4, increasing to 2 on 12/4 (per DAL). Kairito, Waitakaruru, 3 on 18/11 (PH). Miranda, 1 on 17/3 (FN). Coromandel wharf, 1 seen here and Jacks Pt between 22/8 and 31/10 (EEP). Whangamata H, 1 reported on 27/4 (per HMS). None counted in South Auckland on 6/2 census (PJA). [Wk] Te Akau, Raglan H, 2 in March (DJS). Clark's farm, Oparau (Kawhia), 2 on 28/3, had been present over a month, 3 on 14/5 (WIR). [BP] Matua, Tauranga, 2 reported on 26/3 (KLB). Kaituna Cut, 8 on 1/7 and 28/7, roosting with Pied Shags in their pine tree colony at mouth of Kaituna R. All 8 were on the Maketu E on 9/9. On 4/11, only 2 remained at the Kaituna Cut. On 26/4, there were 3 adults and 1 juv (banded at the Vernon Lags colony), then 9 on 19/5 and 3/6 (GG&LJB, PCL, RSC, BC). Little Waihi, 4 on 10/3 at Kaikokopu Crk (per KLO), 2 on 26/4 (HAR), 9 on 9/6 (per KLO). Matata, 1 keeping company with Little Egret on 14/1, still present on 10/2 (RMW). Presumably the 5 birds seen at Matua, Little Waihi and Matata joined the other 4 at the Kaituna Cut (PCL). [G/W] Maungawhio Lag, Mahia, 4 on 9/12 but only 1 on 16/12; Ngamotu Lag, Wairoa, 12 on

11/10 but did not stay, 14 on 9/3, increasing to 30 on 4/5 (GAF). [T] Mimi E, 1 on 9/9 (DGM). Waitara rubbish dump, 2 in gravel pit on 21/7, same 2 present until early December thereafter 1 (DGM *et al.*). Egmont Village, 6 on 24/9 (EW). [Wg] Waitotara E, 1 on 21/10 (DGM *et al.*). Wanganui E, 4 on 1/7 and 14/7, 3 on 28/8 and 15/10, 1 on 10/11, 2 on 10/1 and 12/3, 1 on 27/4, 4 on 12/5 and 9/6 (OCT). [M] Pukepuke Lag, 1 juv on 28/1 (PB, IS). Manawatu E, 2 on 22/7 (PFB, GAT), 1 with c/b on 30/3, max 42 on 11/4 (JLM, TFR), 4 on 30/6 (AJT). [HB] Ahuriri E, 25 on 31/8, decreasing gradually until 13 on 17/10, 3 remained throughout the summer (present on 6/12 at North Pond, Westshore) (R&TAS, CFM, ARG, MTC), 2 on 6/2 and 10/3 (OSNZ cen, AJT, PFB), 16 on 29/3 new seasons arrivals, 21 on 1/4, 26 on 8/4, 32 (4-5 imms) on 21/4, max 42 (c6 imms and no banded birds) on 5/5, a record count, 37 on 2/6 (R&TAS, M&PWT), 22 on 30/6; Waitangi E, 4 on 4/11 (OSNZ cen). Tukituki E, 4 on 10/11, 2 on 19/11 (BMT, KVT). Porangahau E, 2 on 3/11, none on 29/6 (OSNZ cen). Numbers of birds have increased in region over past 2 years and seen in areas (Waitangi and Tukituki) not usually frequented by them (MTC). [Wr] L Wairarapa, 9 on 6/2; L Onoke, 3 on 6/2 (CES, BWB, DMS). [W] Waikanae E, 2 on 5/1 (AJT). Pauatahanui, 2 on 17/2, 1 present until 30/6 (AM, JW).

MUTE SWAN *Cygnus olor*

[Wk] L Hakanoa, 2 on 18/8 (PCC). [BP] Sullivan's L, Whakatane, pr with 3 cygnets, these soon disappeared (RMW). [Wg] L Virginia, 4 on 27-29/7 (AJT, GAT). [HB] L Te Pohue, pr incubated 5 eggs for c5 weeks in Oct/Nov but eggs were infertile (CFM, JGH), 2 on 10/3 (AJT, PFB). L Poukawa, 5 on 30/6 (KVT).

BLACK SWAN *C. atratus*

[FN] L Owhareiti, c600 on 8/11; Jack's L, 35 on 8/11 (GRP). [A] Tapora, 21 on 2/3 (GNG). [SA] Karaka, 1 on 1/1 (JU). Tuakau SP, 50 on 25/4 (DAL). [Wk] L Waahi, c125 on 22/9 (BHS). L Hakanoa, 15 on 18/8 (PCC). Hamilton L, 22 on 14/10, 9 adults + 5 juvs on 23/2, 9 on 13/4 (MAB). [BP] Tauranga H: Tuapiro Pt, 79 on 16/6 (JRP); Matahui Pt, c100 on 10/11 (RSC, MS); Te Puna, 30 on 10/11 (KLB); Aerodrome Bay, 12 on 10/11, 83 on 16/6 (GG&LJB). Kaituna Cut, 41 on 28/7, 12 on 4/11, 15 on 2/12; Matata, c40 on 9/9, 36 adults + 5 cygnets on 3/11, 50 on 18/5; L Aniwhenua, c100 (1 pr with cygnets a few days old) on 23/9 (PCL). [M] Manawatu E, max c45 on 4/5; Foxton No.1 L, c55 cygnets on 23/12, max 290 on 10/3; Foxton No.2 L, max 50 on 23/12 (JLM). Whirokino Flats, 6 on paddocks on 22/7 (GAT, PFB), c200 on 15/6; Foxton Loop, c35 on 13/4; Moutoa, c30 on 21/7 (JLM). [HB] L Tutira, 777 on 17/2 (thorough survey) (GAF). Ahuriri E, 276 on 4/11, 531 on 30/6 (including a flying flock of c350) (OSNZ cen, M&PWT). North Pond/Airport, 12 on 4/11, 28 on 30/6; Westshore Lag, 24 on 4/11, c520 on 30/6; Southern Marsh, 23 on 4/11, 24 on 30/6 (OSNZ cen). Numbers appear to have built up this year in Napier, where winter census numbers were far in excess of those in other recent years (MTC). L Runanga, c1100 on 15/7 (CFM, JGH). L Poukawa, supports a very large population (MTC). Porangahau E, 9 on 3/11, 26 on 29/6 (OSNZ cen).

CANADA GOOSE *Branta canadensis*

[FN] L Waihopo, reported for last 2 years; Kumi Rd, Awanui, seen in Jan-April; L Ngatu, c40 on 5/5 reported by Rose Walker (MCH). Whangaroa H, pr on 22/4 (AJB). L Owhareiti, 1 with large flock of Black Swans on 27/9 (PA). [SA] Tuakau SP, 29 on 28/4 (DAL). Onewhero, 3 on 12/11 (DMW). [Wk] L Waahi, c700 on 14/7 (ND), c150 on 22/9 (BHS), c350 on 2/5 (DJR). Hamilton L, 1 on 14/10 and 13/4 (MAB). [BP] Tauranga H: Pahoia, c130 on 16/6; Te Puna, 2 on 10/11 (KLB). Kaituna Cut, 4 on 4/11, 5 on 2/12, 6 on 17/2, 27 on 7/3, 32 on 19/5 (JD, PCL, KLO). Maketu E, 3 on 28/7, 32 on 7/3 (PCL, KLO). Matata, c20 on 1/7, 10 on 9/9, c40 on 30/12, 14 on 28/4, 12 on 18/5 (PCL, RMW). Tarawera R Mouth, 2 on 3/11; L Aniwhenua, 2 on 23/9 (PCL). Kawerau, pr with 5 goslings in small pond opposite Tasman Pulp & Paper Mill on 12/12 (first record of breeding in Kawerau) (RMW). Whangaparaoa E, 3 swimming in the surf on 14/5 (WMH). [VP] Kaimanawa SFP, 1 in headwaters of Ngaruroro River below Boyd Hut on 7/1 (first report from this area) (JRB). [G/W] Portland I, 2 prs breeding on 10/11 (OSNZ group). [M] Foxton No.1 L, max 13 adults on 25/8, 3 goslings reared (JLM). [HB] L Te Pohue, 2 on 10/3 (AJT, PFB). Westshore Lag, 9 on 1/7 (M&PWT), 12 on 4/11 (OSNZ cen). Tukituki E, 2 on 7/7, 1 on 4/11, 8 on 9/12, 2 from 24/4 to 30/6 (M&PWT, BMT, KVT, OSNZ cen). Porangahau E, 10 on 3/11, 35 on 29/6 (OSNZ cen). [W] Waikanae SP, 5 plus some hybrids with Feral Geese on 28/10 (AJT, GAT). Waikanae E, 1 resident throughout year (AJT, BAT). Makara, 1 with domestic geese on 5/5 (AJT).

FERAL GOOSE *Anser anser*

[Wk] Hamilton L, 5 on 14/10, 12 on 23/2, 13 on 13/4 (MAB).

PARADISE SHELDUCK *Tadorna variegata*

[FN] Motuopao I, 2 + 1 dead duckling on 14-17/11 (RJP). [A] L Kereta, post breeding flock of 350 on 17/2 (SM, OSNZ group). [SA] Wairoa R, Clevedon, 92 on 4/12, 55 on 14/4 (AJG). Kopuku, 29 on 26/8 (DJ&PJA). [Wk] L Waahi, c50 on 22/9; Te Kihi track, Pirongia, 1 pr perching on epiphyte in rimu on 1/9 (BHS). [BP] Matahui Pt, 1 on 10/11 (RSC, MS). Papamoa, 22 feeding in paddocks by 'Long Swamp' on 2/9; Kaituna Cut, pr with 1 duckling on 4/11, pr only on 2/12; Matata, pr on 9/9 and 3/11, 10 on 28/4, c20 on 18/5; Awaiti Wetlands, 1 on 1/7, 700-1000 on 28/4 (PCL). Edgecumbe SP, 20 moulting on 30/12 (RMW). L Aniwhenua, c20 on 23/9 (PCL). [G/W] Whangara, c700 on paddock on 11/5, 150 still present on 1/6 (GAF). [M] Manawatu E, 2 on 30/3; Foxton No.1 L, 5 on 22/7, 8 on 10/3; Whirokino Flats, 29 on 21/7 (JLM), 37 on 22/7 (GAT, PFB), 12 on 5/5 (JLM). [HB] L Tutira, 37 on 17/2 (GAF). Puketitiri Rd, c500 moulting birds at a dam on 26/12 (CFM, JGH). Kereru, 120 at a traditional wintering site on Orlig Station on 16/6 (GAF). Matapiro, 80 in field and many more birds in prs within a 2km radius on 2/6 (MTC). L Kautuku, 94 on 15/7; L Runanga, 60 on 15/7 (CFM, JGH). Ahuriri E, many birds present (all males) on 26/8 (R&TAS), 118 on 4/11, 104 on 30/6; North Pond/Airport, 1 on 4/11; South Marsh, 26 on 4/11, 21 on 30/6; Porangahau E, 57 on 29/6 (OSNZ cen). The summer total is much larger than any other summer count for at least 5 years and the winter total has not been equalled for 4 years.

Sizeable flocks elsewhere (MTC). [Wr] Pirinoa, flock of 400+ on harvested pea paddock on 25/2 (JWL, WST). [W] Waikanae E, c80 on 2/12 (BAT).

CHESTNUT-BREASTED SHELDUCK *T. tadornoides*

[A] L Kereta, 2 females with c40 Paradise Shelducks on 3/6 (DJ&PJA). [T] Julian's L, Opunake, 1 female on 23/3; Hawera SP, 1 female on 23/3 (different birds) (DGM *et al.*). Nowell's L, Hawera, 1 on 1/4 (PFB).

BLUE DUCK *Hymenolaimus malacorhynchos*

[VP] Mangorewa Stm, 1 on 19/8 (GR U15 886548), 1 adult and 2 young seen 50m downstream from bridge (GR U15 557881) on 23/1, 2 seen 20 minutes upstream from bridge (GR U15 884543) on 7/2. Up to 8 birds were living in the river 20 years ago (CH). Whirinaki R, Whirinaki CP, 19 birds recorded between the headwaters and the falls on a DOC survey on 24-26/4 (KLO). [HB] DOC survey of Kaweka/Ruahine SFP in Nov '90: Kaweka SFP, 4 in tributaries of Mohaka and Ngaruroro Rs; Ruahine SFP, pr behind Big Hill Station, 19 in Apia/Ikawetea Stms. A preliminary survey of NW Ruahines estimated c15 birds and c35-37 estimated in northern Ruahines (JA, JWC). Kaweka SFP, none seen on tramp on 21-28/1 (R&TAS). Ikawetea Stm, c5 in early May (JRB, JWC). Daphne Hut, Tukituki R, pr and 3+ ducklings on 26-27/1 (GR. U22 738386), probably a different pr seen at GR. U22 724379 on 26-27/1 (JRB).

MALLARD *Anas platyrhynchos*

[SA] Tuakau SP, 1000 on 28/4 (DAL). Waiau R Mouth, Coromandel, 10 on 29/1 (AV&JVP). [Wk] L Waahi, c45 on 22/9 (BHS). Hamilton L, 187 + 50 juvs on 14/10, 885 on 23/2, 850 on 13/4 (MAB). [BP] Tauranga H: Tuapiro Pt, 63 on 16/6 (JRP); Aerodrome Bay, 26 on 16/6 (GG&LJB). Kaituna Cut, c30 on 28/7 and 4/11, 132 on 2/12; Maketu E, c70 on 28/7; Matata, 1500-2000 on 1/7, c1000 on 18/5; Awaitei Wetlands, c100 on 1/7 (PCL). Edgecumbe SP, c300 on 30/12 (RMW). [M] Manawatu wetland survey: total 17 000 on 30-31/3 (OSNZ group). Manawatu E, max c450 on 4/5; Foxton No.1 L, max c200 on 10/3 (JLM). [HB] L Tutira, 29 on 17/2 (thorough survey) (GAF). Ahuriri E, 258 on 4/11, 43 on 30/6; North Pond, 19 on 4/11, c215 on 30/6 (they prefer this pond while Shovelers prefer Westshore Lag); Westshore Lag, 15 on 4/11, 2 on 30/6; South Marsh, 62 on 4/11; Waitangi E, 45 on 4/11, 42 on 30/6; East Clive, 62 on 4/11; Tukituki E, 11 on 4/11; Porangahau E, 25 on 3/11, 1000 on 29/6 (OSNZ cen). A significant increase in winter totals for estuary counts in last 2 years. A huge increase at Porangahau (MTC).

GREY DUCK *A. superciliosa*

[A] Mangere SP, 10-30 on 1/7 (GAT, AJT *et al.*). [Wk] L Waahi, 1 pr on 22/9 (BHS). [BP] Matata, pr courting on 1/7, 2 prs on 9/9, c50 (many no doubt Mallard x Grey Duck) on 18/5 (PCL). [Wg] L Rotoaira, c30 on 10/3 (AJT, PFB). [M] Manawatu wetland survey: total 122 on 30-31/3 (OSNZ group). Manawatu E, 1 on 30/6 (R&PS, JLM). Foxton No.1 L, 1 on 21/10; Foxton No.2 L, 4 on 8/7, 2 on 10/3 (JLM). [HB] L Tutira, 10 on 17/2 (thorough survey) (GAF). Napier estuaries, none on 3-4/11; Porangahau E, 10 on 29/6 (OSNZ cen).

GREY TEAL *A. gracilis*

[FN] L Heather, 3 on 10/4 (PA). [N] Port Whangarei, 20 feeding in dredging ponds on 16/6 (GRP, GNB, RS, MT). [A] Mangere SP, 500 on 20/1 (CJ). [SA] Tuakau SP, 100 on 28/4 (DAL). Kopuku, 230 on 29/7 (DJ&PJA). Miranda, in roadside ponds, 7 on 18/11 (AJG), 10 on 23/2 (BHS), 44 on 3/3 (PJA). [Wk] L Waahi, c21 on 22/9; L Ngaroto, 4 on 1/9 (BHS). [BP] Kaituna Cut, c30 on 25/7, 5 on 4/11, 12 on 2/12, 20 on 17/2 and 19/5 (PCL, JD). Maketu E, 36 on 28/7, 248 on 7/3 (PCL, KLO). Matata, 2 on 9/9, 12 on 18/5; L Aniwhenua, c10 on 23/9 (PCL). [M] Manawatu wetland survey: total 1026 on 30-31/3 (OSNZ group). Manawatu E, 3 on 4/11, 2 on 31/12 and 4/5, max 245 on 15/6, c112 on 30/6 (JLM, R&PS, AJT). L Omanuka, 50-70 on 20/7 (PHT). [HB] Ahuriri E, 23 on 4/11 (OSNZ cen), 65 on 29/3, 350+ on 8/4 (a large flock for this site) (R&TAS), 9 on 30/6; South Marsh, 10 on 4/11, c300 on 30/6 (OSNZ cen). [W] Waikanae SP, 9 on 28/10 (AJT, GAT). Waikanae E, c135 on 23/2 (AJT, BAT).

BROWN TEAL *A. aucklandica chlorotis*

[FN] Purerua Pen, 4 on 21/4, c20 reported by farm manager who also saw 3 broods (GRP). [N] Clendon Cove, 80 on 20/2; Bentzen's Pond, Parekura Bay, 17 on 20/2; Puhinui Stm, 57 on 20/2; Wairoa Stm, 25-30 on 20/2; Tutaematai Stm, 103 on 19/2; Punaruku Stm, 20-23 on 19/2; Mimiwhangata, 11 on 18/2; Teal Bay, 28 on 18/2; Ngahau Bay, 12 on 18/2; Otamure Bay, 7 on 18/2; Whananaki R, c70 on 20/2; Matapouri Bay, 2 on 18/2 (GRP-DOC annual survey). Teal Bay, 16 on 17/2 (HGS). [A] Mangere SP, 1 on 20/1 (CJ). [W] Waikanae E, L Pukeatewhaino, 2 on 30/4 (HAR).

CHESTNUT TEAL *A. castanea*

[M] Manawatu E, 1 male from 3/6 to 30/6 (JLM, HAR, RG). Bird was coming into breeding plumage on 30/6 with dark green iridescent cap, bright red eye and no eye ring. With Grey Teal but noticeably darker and chestnut breast (HAR, AJT). [W] Waikanae E, probably same bird as above was seen here briefly on 31/1 (HAR).

NEW ZEALAND SHOVELER *A. rhynchotis variegata*

[FN] Far North Dune Ls, small numbers (RJP). Jacks L, Pakaraka, 4 on 18/11 (GRP). [N] Port Whangarei, 8 on dredging ponds on 9/6 (GRP). [SA] Tuakau SP, 400 on 28/4 (DAL). Kopuku, 18 on 26/8 (DJ&PJA). [Wk] L Waahi, c40 on 22/9 (BHS). Hamilton L, 1 on 5/5 (MAB). [BP] Kaituna Cut, 13 on 28/7, 3 on 2/12; Maketu E, c50 (1 very pale-breasted drake resembling a Northern Shoveler) on 28/7; Matata, c20 on 1/7, c10 prs (another pale-breasted drake) on 9/9 (PCL), pr with 4 duckings on 1/12, 156 on 18/5 (RMW). Awaitei Wetlands, c10 on 1/7; L Aniwhenua, 2 prs on 23/9 (PCL). [T] Mamaku L, Waitara, 12 on 16/6; not common in North Taranaki (DGM). [VP] Motuoapa, L Taupo, 220 on 10/3 (AJT, PFB). [M] Manawatu wetland survey: total 3000+ on 30-31/3 (OSNZ group). [HB] L Tutira, 18 on 17/2 (thorough survey) (GAF). Ahuriri E, 20 on 4/11, 4 on 30/6; South Marsh, 33 on 4/11, 96 on 30/6; Westshore Lag/North Pond, 53 on 30/6; Waitangi-East Clive, 5 on 4/11; Porangahau E, 16 on 3/11, 150 on 29/6 (OSNZ cen). Winter totals for HB estuaries have halved over last 4 years. However, large numbers at Westshore on 5/5 and no noticeable reduction at most lakes and lagoons in region (MTC, M&PWT). [W] Waikanae E, 197 on 11/5 (AJT).

NEW ZEALAND SCAUP *Aythya novaeseelandiae*

[FN] Jacks L, Pakaraka, 3 on 8/11 (GRP). [N] L Humuhumu, Pouto, 45 on 15/9 (GRP). [A] Straka's L, 8 on 17/11 (MJT). [Wk] Hamilton L, 1 on 14/10 (MAB). [BP] Matata, c100 on 1/7, c75 on 9/9, 50 on 3/11 and 23/1, c100 on 28/4, 71 on 18/5 (PCL, RJ&BGL, RMW). L Aniwhenua, 10 on 23/9 (PCL). [VP] Ohinemutu, L Rotorua, 2 prs present with 4 chicks and 5 chicks respectively on 23/12. The chicks were half adult size and diving in the shallow water (GAT). Motuoapa marina, L Taupo, 35 adults + 6 small ducklings with 1 adult on 10/3 (AJT, PFB). [Wg] L Rotoaira, c100 on 10/3 (AJT, PFB). Westmere L, Wanganui, 4 on 20/10 (OCT). [M] Manawatu wetland survey: total 143 on 30-31/3, most north of Wanganui (OSNZ group). Heatherlea Pond, Levin, 3 on 17/12, 1 with 4 ducklings (BDH), 3 on 3/2, 1 female with 2 ducklings (JLM). [HB] L Tutira, 9+ on 7/10 (CFM, JGH). L Oingo, 9 on 5/5 (JGH). [Wr] Matthews Lag, near Boggy Pond, 3 on 28/4 (DMS). Henley L, Masterton, 10 on 26/5 (WLC-B). [W] Waikanae SP, 12 on 28/10 (AJT, GAT). L Puketewhaino, 2 on 8/9, 28/10 and 4/11 (AJT).

MANDARIN DUCK *Aix galericulata*

[A] Western Springs, Auckland, 2 on 23/10 of unknown origin (SB).

AUSTRALASIAN HARRIER *Circus approximans*

[FN] Motuopao I, several visiting, pr with 4 eggs on 14-17/11 (RJP). [BP] Te Puke, a very pale (old?) bird seen on 1/8 and on a number of subsequent occasions (PCL). [HB] Hawkes Bay estuaries, 8 on 3-4/11, 7 on 29-30/6 (MTC, OSNZ cen).

NEW ZEALAND FALCON *Falco novaeseelandiae*

[A] Mangere SP, 1 adult male caught while mist-netting finches on 20/4 (DGB, OSNZ group). [SA] Orua Bay, Manukau H, 1 sighted early Oct; Awhitu Pen, 1 on 10/11 and 15/11 (VMR). [Wk] Maketu Pa, Kawhia, 1 female seen twice on 22/12 (R&GPG). Ohaupo, 1 in early April (RWD). Te Kihi track, Pirongia, 1 on 22/11 (DJR), 2 on 29/3 (WIR). [BP] Mangaroa Stm, Kaimai-Mamaku CP, 1 on 19/3 (KLO). Papamoa, 2 on 20/7, 1 on 5/8 at Poplar Ridge farm (L. Lambert per KLO). Kukumoa, Opotiki, 1 sitting on branch of *Melia* tree, 1.5 m up and close to the house. The remains of its prey, a House Sparrow was found subsequently on 1/10; Tirohanga, near Opotiki, 1 reported in late Sept (WHS). [T] Uruti, 1 on 1/1 chasing starlings (GLB). Urenui, 1 on 7/5 (BW). New Plymouth, 1 on 7/7 and 28/8 (DGM, GLB). [Wg] Wanganui City, 1 on 7/6 and 20/6 (OCT). [M] DSIR Farm, Palmerston North, 1 or 2 visit intermittently, 1 in March (RS). Foxton, Wylies Rd, 1 on 16/4 from direction of Round Bush (TFR). Levin, Masonic Village, 1 taking sparrow on 5/11 (WRJ). East Ruahine, Kiritaki Hut, 1 harassing harrier on 17/3 (AJW). [HB] L Opuahi, near L Tutira, 1 on 5/12 (CFM, JGH). Kaweka SFP, 1 during tramp on 21-28/1 (R&TAS). Upper Ngaruroro R, above Kiwi Mouth Hut, 1 very aggressive bird, dive-bombed observer, assumed to be nesting (JRB). Masters' Shelter, Mangleton, 1 on 1/1 (CFM). Fernhill, 1 male flying low over vineyard on 5/6 (JGH), 1 at

Oak Avenue on 3/4 (JGH). Hastings, Omaha Rd, 1 on 13/5 flying swiftly c3 m above ground and over head of observer but not obviously harrying him. Previous sightings of a single bird have sometimes seen it on the same flight path around orchard (JRB). Te Mata Peak, 1 attacked and killed a dove on 29/5 (KVT). Triplex Hut, central Ruahine SFP, 1 heard on 27/4 (CFM, JGH). [Wr] Greytown, 1 female regularly seen on a power pole in Ahikouka Rd during July-Oct (MW). Carterton, 1 seen over northern boundary of town on 16/1 (BWB). Wainuioru Stm, Gladstone, 1 on 9/9 (HWB). [W] Stokes Valley, 1 flying towards eastern hills being pursued by small birds on 9/9 (WL). Ngaio, 1 mobbed by 4 Magpies on 3/6 (OH). Seatoun, 1 flying on 6/6 (MB, DB).

NANKEEN KESTREL *F. cenchroides*

[FN] Cape Reinga, 1 male in August (RJP). [N] Poroti, 1 reported by Les Tonks, seen hovering and quartering over paddocks on 4/5 (GRP). [Wk] Whitehall, Cambridge, 1 on 1/6 near site where 1 seen 13 months earlier (ADB). [HB] Fernhill, 1 in Roy's Hill area (Gimblett Rd) on 16/7 (JGH). Havelock North, 1 and possibly 2 near Hikanui Drive in July '90, 2 seen together in valley between Te Mata Peak and city reservoirs on 2/11, 2 on eastern side of Te Mata Peak spiralling close to ground near Waimarama Rd were followed and seen to fly into farm hill across Tukituki R on 2/2, 2 on eastern side of Te Mata Peak, 1 of which had gap in feathers of left wing (BMT). [W] Taupo Swamp, Plimmerton, possible sighting on 4/4 (DJB).

CALIFORNIA QUAIL *Callipepla californica*

[FN] Whangamumu, pr + 6 young on 26/1; Opua/Pahia Walkway, 2 prs with 7 and 3 young on 10/2 (AJB). [N] Ruakaka, 2 nests found under pines during fire fighting on 12/1 (RJP). [SA] Awhitu Pen, 2 prs on 2/12 (AVS). [BP] No.3 Rd, Te Puke, a covey of 15-20 in kiwifruit orchard on 1/8 (PCL). [M] Foxton B, regular from 15/9 to 22/12; Foxton No.1 L, 1 heard on 21/10 (JLM). [HB] Tutaekuri R, 8 adults on 14/10 (M&PWT). [W] Normandale, pr reported on 8/1 (AJT).

RED-LEGGED PARTRIDGE *Alectoris rufa*

[SA] Pollok Spit, no longer present, 500 were released by Auckland Acclim. Soc. in Nov '86, last reported in Nov '87 (PJA).

BROWN QUAIL *Synoicus ypsilophorus*

[FN] Te Paki Farm Park, seen regularly throughout park. Pair frequently visit Ranger's garden (GRP). Waitiki Landing, seen on roadside on 20/2 (HGS). Rawhiti, 16 (2 family groups) on 29/6 (AJB). Karikari Pen, common in acacia and manuka areas (RJP). Kerikeri, 6 on 18/2 (HGS). [SA] Kennedy Bay, 2 on a track on 9/12 (EEP). [BP] Maketu Spit, 5 on 19/5 (the first seen in many months, they appear to be declining in coastal Bay of Plenty) (PCL). [Wg] Waitotara E, 1 in coastal scrub on 21/10 (DGM *et al.*). [M] Manawatu E, 1 heard and seen briefly on 20/10, heard again on 21/10 (JLM).

RING-NECKED PHEASANT *Phasianus colchicus*

[N] Whangarei Hospital, 3 prs from April to July (AJB). [M] Foxton B, heard regularly from Oct-Dec (JLM).

BANDED RAIL *Rallus philippensis*

[FN] Rawhiti, 1 running across road on 17/2 (HGS). [N] Teal Bay, 1 on 18/2 (GRP). Poor Knights Is: 1 heard calling on Aorangi I on 21/11, 4 seen and 2 more heard on Tawhiti Rahi I on 13-21/3 (GRP, PM *et al.*). Otaika R, 1 heard on 5/8; Ruakaka E, 1 flushed from mangroves on 18/11 (GRP). [A] Mangawhai E, 1 reported (M. Crawford) running across causeway on 13/11 (per GRP). [SA] Conifer Grove, Manukau, 1 on 26/12 (ERW). Miranda, 1 adult + 2 juvs in roadside pools on 19/1 (GJE), 1 adult + 1 juv on edge of mangroves on 23/3 (DAL, KH). Kaiaua Crk, 1 adult + 2 juvs on 25/11 (ACR). [Wk] Waingaro Landing, 1 on 14/10; Raglan Golf Course, 2 on estuary on 29/1 (HGS). [BP] Kaituna Cut, 1 on 4/11 and 2/12 (IS, PCL). Ruatuna Rd, Ohiwa H, 1 on 6/11 (WMH).

NORTH ISLAND WEKA *Gallirallus australis greyi*

[FN] Mangonui, report of a population; Opuia, c30 in 90/91; Te Uenga/Jack's Bay, c50 in 90/91 (AJB). [W] Kapiti I, pr + 3 chicks, 1 noticeably larger than the other 2 on 20/10 (RG).

SPOTLESS CRAKE *Porzana tabuensis*

[FN] Sweetwater, 1 on 10/4 and 2 on 11/4 responded to taped calls from a small dune swamp of dense *Baumea articulata* and *Eleocharis spacelata*; L Rotoroa, Waipapakauri, present in 2 swamps on 10/4 (PA). [N] Poor Knights Is: Aorangi I, 3 seen and another heard, 1 seen pecking for food in disturbed soil of camp area on 21/11 (GRP); Tawhiti Rahi I, 2 seen and 6 more heard on 13-21/3 (GRP, PM *et al.*). [Wk] Whangamarino, Island Block, 2 seen and 2 heard on 16/3 (DJ&PJA, PH). [BP] L Aniwhenua, 4 seen, c8 more heard on 23/9 (PCL). [VP] Whakarewarewa SFP, Reservoir Rd, 1 calling in small wetland on 20/5; L Rotoiti, Te Waititi Stm wetlands, 2 responded to tapes on 5/6, 1 observed in tall raupo, the other heard in *Carex virgata* on stream margin (KLO). [T] Te Wera SF, several on 15/9 (DGM *et al.*). [Wg] Moumahaki Ls, near Waverley: birds responded to tapes at (Map ref. R21 533673), unnamed lake on same stream (Map ref. R21 549689) (1 seen) and unnamed lake (Map ref. 550697), all in raupo and *Carex secta* lake margins on 30/1; "Christie's L", Makirikiri Rd, Upokongaro, at least 4 responded to tape and 1 seen, all among raupo on lake edge on 14/1 (CCO). [M] Foxton No.1 L, 2 on 23/12, 1 on 1/1; Round Bush, 2 on 1/1 (JLM). Pukepuke Lag, 4 seen on 31/3 (DB&RB). [HB] L Oingo, 2 or 3 adults came out to edge of raupo in response to tape. Also 1 chick seen. Two of the adults were in one territory (CFM, JGH). Tukituki E, 1 heard on 24/4 (gave alarm call in response to tape) (BMT).

MARSH CRAKE *P. pusilla*

[HB] L Oingo, 1 heard on 5/8, responded to a Spotless Crake tape (CFM, JGH).

PUKEKO *Porphyrio p. melanotus*

[Wk] Hamilton L, 10 on 14/10, 19 on 23/2, 30 on 13/4 (MAB). [M] Foxton No.1 L, 6 adults + 3 downy chicks on 3/2; Moutoa, several on 16/2 (JLM). [HB] L Tutira, 2 seen on 17/2, others heard (GAF). Napier/South Napier estuaries, 14 on 4/11, 2 on 30/6, none at Porangahau E. Counts still well down on c5 years ago (MTC, OSNZ cen).

TAKAHE *P. mantelli hochstetteri*

[W] Now introduced to Kapiti I (DS).

AUSTRALIAN COOT *Fulica atra australis*

[A] L Pupuke, 8 on 29/10 (LC). Western Springs, 27 adults + 14 young on 9/12 (MJT). [Wk] Hamilton L, 30 on 14/10, 20 on 23/2, 13 on 13/4 (MAB). [BP] Matata, 2 on 1/7, 11 on 3/11, 14 and 2 half-grown young on 28/4, 14 (4 of which were juvs) on 18/5 (PCL). Whakatane: Awatapu Lag, pr + 4 chicks on 23/1; Sullivan's Lag, 3 on 23/1 (RMW). L Aniwhenua, 2 on 23/9 (PCL). [VP] Motuoapa marina, L Taupo, 19 on 10/3 (AJT, PFB). [Wg] L Virginia, 47 + on 29/7 (GAT, AJT), 102 (71 adults + 31 juvs) on 20/10; Westmere L, 16 on 20/10 (13 in a tight flock) (OCT). [M] Centennial Lag, Palmerston North, max c20 on 4/8 (JLM). [HB] L Tutira, 200 on 2/9 (M&PWT), 330 on 7/10, a very large count (CFM, JGH), 93 on 17/2 (GAF). L Te Pohue, 5 on 10/3 (AJT, PFB). [Wr] Ruamahunga R, 1 seen just above Waingawa R junction in Feb; Masterton, present all year round on Queen Elizabeth Park L, breeding successfully (JAD, TCD).

SOUTH ISLAND PIED OYSTERCATCHER *Haematopus ostralegus finschi*

[FN] Rangaunu H, 207 on 26/3 (RJP). Kaimaumau, 50 on 19/2 (HGS). [N] Pataua, 28 on 5/1 (GNG). Whangarei H: Port Whangarei, 32 on 2/9, 250 on 7/10, 350 on 23/12 (GNG), usually 200-300 roosting Oct-Dec, 300-600 Jan-April; Portland, c1200 on 23/3 (GRP); Skull Crk, 800 on 23/2; Takahiwai, 250 on 12/2, 500 on 10/3 (GNG). [A] Taporā, 2000 on 2/3 (GNG, GRP). Mangere SP, 2900 on 2/12, 4265 on 16/6; Kiwi Esplanade, 9300 on 16/6 (BJE, OSNZ cen). [SA] Clifton Rd, Whitford, 500 on 25/4 (DJ&PJA). Mataitai, 480 on 19/5 (PJA). FoT, 2750 on 4/11, 13253 on 19/5 (OSNZ cen). Colville H, 220 on 22/2 (BHS), 268 on 1/4; Coromandel H, c250 on 1/4 (GRP). Whangapoua B, 65 on 22/9 (EEP). Matarangi Spit, 266 on 26/3 (AJT, GAT, ST). [Wk] L Ngaroto, 9 flying westwards on 1/9 (BHS). [BP] Tauranga H: Bowentown Shellbanks, 85 on 10/11, c500 on 16/6; Matahui Pt, 32 on 19/7 (BC); Sulphur Pt, 18 on 10/11, 142 on 16/6 (PCL); Omokoroa Golf Course, 233 on 16/6 (KLB). Little Waihi E, 9 on 4/11, 10 on 2/12, 23 on 17/2, 13 on 19/5 (KLB, PCL, RSC). Tarawera R Mouth, 2 feeding on 30/12 (RMW). Ohiwa H, 9 on 13/11, c150 on 18/4, 165 on 5/5 and 18/5 (JD, WHS). [G/W] Mahia, 1 on reef on 10/11 (OSNZ group). [M] Himatangi B, 2 on 21/7; Manawatu E, 5 on 22/7 (GAT, PFB), max 43 on 30/12, 65 on 17/2, 61 on 13/4 (JLM, RG). [HB] Ahuriri E, 5 on 6/2 (ARG), 14 on 10/2 (M&PWT), 9 on 30/6; South Marsh/Westshore, 1 on 4/11; Porangahau E, 12 on 3/11, 18 on 29/6 (OSNZ cen). Mangatahi, 1 inland on Ngaruroro riverbed on 4/11 (CFM, JGH). [Wr] Pirinoa, pr nested in paddock in Dec '90. One chick seen actively running around. Possibly first recorded successful breeding in Wairarapa (DMS). [W] Pauatahanui, 8 on 22/6 (AM, JW).

VARIABLE OYSTERCATCHER *H. unicolor*

[FN] Cape Maria Van Diemen, 14 on 28/8 (GRP, GAT), 7 on 21/2 (1 with SIPO like plumage) (HGS). Te Werahi B, 3 prs on 8/10 (GRP). Cape Reinga, 1 on 28/11 (ACR). Tapotupotu Bay, 2 prs on 1/5; Spirits Bay, 2 on 2/5 (GAT). Kapowairua (Spirits Bay), 2 on 19/10; Te Huka Bay, 6 on 21/10; Waikuku B, 4 on 13/10 (GRP). Whareana B, 10 on 30/8 (GAT, GRP),

5 on 13/10 (GRP). Ninety Mile B, 24 on 31/8 with 16 at The Bluff, 9 on 18/10 at The Bluff (GRP), 17 between Te Paki Stm and The Bluff on 28/11 (ACR). Kaimaumau, 10 on 19/2 (HGS), 36 on 9/5 on mudflats with stilts and herons (MCH). Karikari Bay, 12 on 27/1 (GNG), 22 on 7/4; Taronui R, 2 on 21/8 and 6/11; Tapuaetahi Crk, 2 on 21/8 and 6/11 (GRP). Waitangi, 8 (including 5 black, 1 smudgy) on 16/4, 11 (including 7 black, 2 smudgy) on 18/4; Paihia, 12 (including 4 pure black, 1 smudgy) on 15/4 (EW). [N] Bland Bay, 2 on 1/1 (GNG). Whangaruru H: Motuhi I, 2 prs (1 pr with chicks) on 4/2; Nops I, 2 prs + 1 chick on 4/2 (GRP). Te Ruatahi B, Mimiwhangata, pr + 3 one week old chicks on 9/2 (GRP). Pataua E, 5 on 4/1 (GNG). Raparahoe I, Taiharuru, 2 prs (1 pr with 2 chicks c2 weeks old) on 9/1 (GRP). Kauri Mt/Ocean B, 2 nests, 1 with 4 eggs, the other with 2 eggs. Latter nest hatched and fledged 2 chicks (GRP, NH). Whangarei H: Port Whangarei, 1 on 2/9, 7 on 21/10 (GNG); Calliope I, pr with nest of 3 eggs on rock platform on 10/11, with 2 chicks on 24/12; Marsden Bay, 24 on 4/11 (GRP). Ruakaka E, 18 prs laid 49 eggs, 17 chicks hatched, 7 fledged + 7 unfledged remaining in late Feb; Waipu E, 39 prs laid 86 eggs, 37 hatched with 9 fledged + 11 unfledged in late Feb (GRP, NH). [A] Mangawhai E, pr seen copulating on 16/9 (GRP). Omaha B, 24 on 7/10 (JED). Tahuna-Torea Res, wintering with SIPO flock, 7 on 15/7, 12 on 16/6 (MJT). Brown's I, 37 on 18/1 (GJE). [SA] Port Waikato, 28 on 27/4 (PJA). Kaiaua, 4 on 10/3 (PJA). Miranda, 4 on 19/4 (ACR). Coromandel H, 3 on 11/12; Oyster Farm, Coromandel, 10 on 13/11; Colville H, 17 on 14/8 (EEP), 16 on 20/2 (BHS), 28 on 7/3 (AV&JVP), 26 on 1/4 (GRP). Waikawau Bay, 2 on 9/12 (EEP), 5 on 5/3 (AV&JVP), pr with fledged chick and pr with 4-5 week old chick on 1/4 (GRP). Matarangi Spit, 129 on 26/3 (GAT, AJT, ST). Whangapoua B, 150 on 22/9 (EEP). Buffalo B, 9 on 30/11 (GRP). Whitianga H, 23 on 25/3; Flaxmill B, near Whitianga, 11 including 2 juvs (dark bill tip, SIPO like plumage) on 27/3 (AJT, GAT). Pauanui, 9 (including 1 pr with nest) on 10/11 (AJG *et al.*), 26 on 19/3 (ACR). [Wk] Waikorea B, pr on 18/5; Ruapuke, 2 prs on 19/8; Kawhia H, 4 on 3/11; Taharoa, 4 prs on 28/7 (ASR). [BP] Tauranga H: Bowentown Shellbanks, 28 on 10/11 and 16/6; Matakana I, NW end, 10 on 16/6 (BC); Matakana I, SE end, 21 (1 nest, 2 eggs) on 17/11; Sulphur Pt, 11 on 10/11, 41 on 16/6 (PCL, GIH, JHS). Kaituna Cut, pr holding a territory at the river mouth all year round; Maketu Spit, 6 prs on 4/11, 13 on 19/5 (PCL). Maketu E, 8 on 4/11 (GG&LJB), 15 on 19/5 (BC). Little Waihi E, 31 on 4/11 (KLB), 35 on 17/2 (PCL), 62 on 19/5 (RSC). Pukehina Spit, 8 on 4/11, 5 on 19/5 (K&NS). Otamarakau, 3 prs on 3/11, 2 prs on 18/5 (PCL). Herepuru, 2 on 14/7 (WMH), 1 on 3/11; Pikowai, pr on 3/11; Tarawera R Mouth, pr present throughout the year (one of the pr has a very distinctive white speckled head) (PCL). Rangitaiki E, 21 on 1/7, 29 on 14/7 and 15/8, 7 on 9/9, 2 on 18/5, 13 on 28/6 (PCL, WMH, RMW). Whakatane E, 4 on 3/11, 10 on 18/5 (PCL). Whale I, 4 on 11/11, 2 prs + 2 downy chicks on 1/1 (WMH). Ohope Spit, 8 on 13/7, 11 prs on 3/11, 1 nest with 2 eggs on 19/12, 12 adults + 6 chicks on 3/1, 14 on 18/5 (WMH, PCL). Ohiwa Spit, 8 on 3/11, c100 on 18/4, 93 on 5/5 and 18/5 (WHS, JD). Waiotahi E, 7 on 1/11, 6 on 17/10 (1 nest with 3 eggs), 5 on 18/5 (WHS, WMH). Waioeka E, 8 on 1/11, 2 on 20/5; Waiaua E, 17 on 1/11, 6 on 20/5 (WHS). Whangaparaoa E, 3 on

8/11, 2 on 14/5 (WMH). [G/W] Hicks Bay, pr with 3 nearly fledged chicks on 23/1 (GRP). Mahia Pen, count of 86 on 10/11 (OSNZ group). [T] Waiongana E, 1 pr on 8/11; Pungaereere Stm, Rahotu, 2 on 3/1 (DGM). [M] Manawatu E, max 8 on 30/12 (JLM). Himatangi B, 3 on 21/7 (PFB, GAT). Ohau E, 47 on 18/9 (MO), 24 on 6/1 (AJT, BAT, DHT). [HB] Ahuriri E, 3 on 6/2 (2 completely black, 1 with slight white marking) (ARG). Te Awanga, 12 on 25/8 (BMT), 6 on 25/10 (KVT). Clifton, 2 seen flying along beach on 2/9 (GRP). Black Reef, Cape Kidnappers, 6 on 18/1 (R&TAS). Birds seem to be becoming established in the Te Awanga-Black Reef area but no evidence of breeding yet (MTC). Ocean B, 2 at small stream mouth on 5/9 (GRP). Porangahau E, 8 on 3/11, 7 on 29/6 (OSNZ cen). [Wr] Cape Palliser, 5 on 14/4 (AJT). [W] Waikanae E, 19 on 28/7 (BAT), 16 on 8/9 (AJT), first time 2 prs with eggs recorded on 5/11 (AJT, JL), 2 on 22/6; Pauatahanui, 7 on 22/6; Petone, 37 on 22/6 (AM, JW). Moa Pt, Wellington, 3 on 17/3; Lyall Bay, 12 in flock on 25/4 (GAT).

AUSTRALASIAN PIED STILT *Himantopus h. leucocephalus*

[FN] Tapotupotu Bay, 3 on 1/5; Spirits Bay, 2 on 2/5 (GAT). Matirarau Bay, 4 prs on 21/11 (GRP). Unahi Rd, Rangaunu H, 100s on paddocks on 1/5 (GAT, GRP). Jack's L, Pakaraka, 36 (50% juvs) on 8/11 (GRP). Waitangi, 10 (1 juv with badly deformed leg) on 18/4; Paihia, 10 on 15/4 (EW). [N] Bland Bay, 44 on 1/1; Pataua, 31 on 4/1 (GNG). Whangarei H: Port Whangarei, 62 on 23/9, 50-200 Oct-Dec, 200-500 Jan-April; Portland, 56 on 29/10, 403 on 24/3 (GNG, GRP). Ruawai, 496 on 14/4 (GNG). [A] Mangere SP, 180 on 1/7 (GAT *et al.*). [SA] Conifer Grove, 104 (including 8 juvs) on 2/12 (AJG), 600 (including smudgy node E/F) on 26/12 (ERW). Kopuku, 254 on 29/7 (PJA). Miranda, 850 on 15/7, 446 on 22/12 (3RC). Waiau E, 10 on 24/1 (AV&JVP). Matarangi Spit, 9 on 26/3 (AJT, GAT, ST). Whitianga H, 18 on 27/3 (GAT, AJT). [Wk] L Ngaroto, 89 on 18/8 (ASR), 4 on 1/9 seemed to be doing "nuptial flights" (BHS). [BP] Tauranga H: Tuapiro Pt, 5 on 10/11, 36 on 16/6 (JRP); Matahui Pt, 454 on 19/7, 280 on 8/6 (BC); Omokoroa, 9 on 10/11, 180 on 16/6; Pahoia, 18 on 16/6 (KLB); Hairini, 27 on 16/6 (JD). Papamoa, c12 prs breeding in 'Long Swamp' after heavy rain 9/9 (PCL). Kaituna Cut, 20 on 28/7, 60 on 2/12, 150 on 17/2 (PCL), c25 on 7/3 (KLO), 22 on 19/5 (JD). Maketu E, c200 on 28/7, 20 on 7/3 and 19/5 (PCL, KLO). Little Waihi E, 17 on 4/11 (KLB), 100 on 2/12 (PCL), 150 on 19/5 (RSC). Otamarakau, 5 on 18/5 (PCL). Herepuru, 2 on 11/7 (WMH), 4 on 3/11 (PCL). Matata Lag, 51 on 14/7, 30 on 9/9, 32 on 3/11, 67 on 18/5, 100 on 22/6; Tarawera R Mouth, 230 on 11/4/90, 16 on 3/11, 11 on 18/5 (WMH, PCL, RMW). Rangitaiki E, 50 on 1/7, 98 on 14/7, 20 on 18/5, 97 on 3/6, 113 on 22/6 (PCL, WMH). Ohiwa H, 59 on 6/11 (WMH), 61 on 18/5 (JD). L Aniwhenua, 78 on 3/2 (WMH). Waiotahi E, 15 on 1/11, 16 on 18/5; Waioeka E, 14 on 1/11, 65 on 20/5; Waiau E, 17 on 1/11, 15 on 20/5 (WHS). Whangaparaoa E, 4 on 8/11, 6 on 14/5 (WMH). [G/W] Muriwai Lag, 153 on 22/1 (GRP). [T] Waiongana E, 47 on 5/4 usually less than this (DGM). [M] Manawatu E, max c625 on 4/5, c230 on 30/6; Foxton No.1 L, c25 on 1/1 (JLM). Whirokino Flats, 2 on 22/7 (PFB, GAT), c30 on 20/10; Moutoa, 12 on 16/2 (JLM). [HB] L Tutira, 19 on 17/2 (complete survey) (GAF). Ahuriri E, 231 on 4/11 (OSNZ cen), 100 on 17/11 (CFM, JGH), 396 on 6/2 (full census)

(M&PWT), 274 on 30/6; North Pond/Westshore Lag, 11 on 4/11 (OSNZ cen), 1 locally banded bird on 16/3 (M&PWT), 58 on 30/6; South Marsh, 80 on 4/11, 30 on 30/6; Waitangi E, 3 on 4/11 (OSNZ cen), c100 on 23/5 (KVT), 1 banded pr on 26/5 (they have stayed together since being banded in 1989) (M&PWT), 73 on 30/6 (OSNZ cen). Brookfields, near Pakowhai, c130 on 12/8 in waterlogged field (KVT). East Clive, 45 on 4/11, 57 on 30/6; Tukituki E, 31 on 4/11, 66 on 30/6 (OSNZ cen). Winter and summer totals lower than usual (MTC). [W] Waikanae E, 78 on 22/6; Pauatahanui, 9 on 6/2, 20 on 22/6 (AM, JW). Victoria University, at least 2 calling in flight at 2230h on 2/9 (AJT).

BLACK STILT *H. novaeseelandiae*

[Wk] L Whangape, 1 on 1/1 when lake level was low (DAL). Kawhia, 3 node G (1 c/b), 2 node D (c/b siblings), 3 node I (1 c/b), 1 node H-I on 14/5 (BHS), 1 node H (c/b = node I bird in previous record) on 16/6 (OSNZ cen). [BP] Matahui Pt, 1 almost completely black on 19/7 (BC). [M] Manawatu E, 1 on 13/4 and 5/5 (head node H, body E/F) (JLM).

NEW ZEALAND DOTTEREL *Charadrius obscurus*

[FN] Cape Maria van Diemen, 2 on 28/8 (GRP, GAT). Te Werahi B, 2 present on 4/10, 9/10, 21/2 and 1/5 (GRP, HGS). Sandy Bay, Cape Reinga, pr + 2 eggs on 10/10, eggs gone on 18/10 and 2 prs present (GRP). Tapotupotu Bay, 1 on 28/11 (ACR), 2 on 22/2 (HGS). Pandora B, pr with 2 eggs on 7/10 (GRP, GS, IF). Kapowairua, Spirits Bay, 2 prs on 19/10 (GRP), 3 on 20/2 (HGS), 1 on 2/5 (GAT). Matirarau Bay, pr + 3 eggs on 21/10; Te Huka B, 3 on 13/10 (GRP). Whareana B, 3 + prs on 30/8 (GAT, GRP). Ninety Mile B, none seen between Te Paki Stm and Waipapakauri on 18/10 (GRP), 2 at Te Paki Stm on 28/11 (ACR). Walker I, Rangaunu H, 42 on 26/3 (RJP). Karikari B, 16 on 27/1 (GNG), 18 on 7/4; Takou Bay, 12 (possibly 7 prs) on 31/10; Taronui R, 2 on 21/8, 5 on 6/11; Tapuaetahi Crk, 2 on 6/11 (GRP). [N] Bland Bay, 9 on 1/1 (GNG). Okupe B, Mimiwhangata, pr with fledged chick on 19/11; Te Ruatahi, 2 prs, 1 pr with chick which was banded 19/11; Whananaki E, 29 including 4 juvs on 10/6; Taiharuru E, pr giving distraction displays on 9/1 (GRP), 9 on 9/1 (GNG). Pataua B, 5 on 4/1 (GNG). Kauri Mt/Ocean Bs, 4 nests, 5 eggs, none hatched 90/91 (GRP, NH). Whangarei H: Onerahi Airport, 2 on 6/10 (GNG), 3 (1 c/b) on 2/3, 19 (2 banded) on 3/3, 23 (4 banded) on 21/4 (GRP); Port Whangarei, 3 on 17/11; Takahiwai, 1 on 12/2, 5 on 10/3; Skull Crk, 10 on 23/10, 6 on 10/11, 18 on 23/2 (GNG), 20 (4 banded) on 10/3 (GRP); Marsden Pt, 2 prs, 1 nest of 3 eggs failed by 21/1, other pr fledged 1 chick (banded) (GRP, NH). Ruakaka E, 5 prs with at least 11 eggs, hatched 9 with minimum of 6 fledging in 90/91 season; Waipu E, 15 prs laid at least 21 eggs of which 11 hatched and 5 fledged. Not all nests located so there may well have been more in 90/91 season (GRP, NH). [A] Omaha B, 33 on 7/10 including 12 or 13 nesting prs (JED). Kaipara H: Tapora, 6 on 2/12, 40 on 23/3, 41 on 3/4 (GNG, GRP); Jordan's Farm, 4 on 4/11, 2 on 30/12 (GNG). Brown's I, 22 on 18/1 (GJE). [SA] Whitford, 11 on 25/4 (DJ&PJA). Karaka, 4 including pr with 2 small chicks on 1/1 (JU). Port Waikato, 7 on 25/4 (DAL). Mataitai, 13 on 12/9, 6 on 26/10; Umupuia, 2 on 26/10 (AJG). Kawakawa Bay, 6 on 22/2 (TGL). Kaiaua, 10 on 24/1 (RJ&BGL), 4 on 10/3 (PJA).

Miranda, 6 on 25/4 (AS&JMR). Coromandel H, 20 on 29/1 (AVP), 22 on 20/2 (BHS). Colville H, 2 on 14/8 (EEP), 15 on 15/2 (BHS), 25 on 7/3 (AV&JVP), 20 on 1/4 (GRP). Waikawau Bay, 2 on 9/12 (EEP), 1 adult + 1 fledged chick on 1/4 (GRP). Matarangi Spit, 8 on 25/8, 4 on 23/9 (EEP), 64 (2 c/b) on 26/3 (GAT, AJT, ST). Kuaotunu, pr on 30/11 (GRP). Mercury Bay, max 5 on 19/7 and 2 present Aug through to May (MBM). Buffalo B, 4 (1 c/b) on 26/3 (GAT, AJT). Hot Water B, 4 on 3/11 (IS). Pauanui B, 6 on 9/3 (ACR). Whangamata H, 3 prs with eggs all preyed upon on 11/2 (HMS). [Wk] Waikorea, 1 on 18/5; Ruapuke, 2 prs on 31/7 and 19/8 (ASR). Kawhia H, 11 on 14/5, 2 prs establishing territories (BHS). Taharoa, 2 prs + 1 on 28/7 (ASR). [BP] Tauranga H: Matakana I, NW end, 21 on 16/6 (BC), SE end, 14 on 17/11 (KLB, PCL); Sulphur Pt, 8 (1 nest, 1 egg) on 10/11, 33 on 23/2, 11 on 16/6 (PCL, BC). Kaituna Cut, 4 on 4/11 (RSC), 3 on 2/12, 2 on 17/2 (PCL). Maketu Spit, 6 prs on 4/11, 14 on 7/3, 5 prs on 19/5 (PCL, KLO). Maketu Marae sandbank, 1 on 4/11 (GG&LJB), 10 on 17/2 (PCL), 8 on 19/5 (BC). Little Waihi E, 6 on 17/2 (PCL). Pukehina Spit, 1 on 4/11, 11 on 19/5 (K&NS). Otamarakau, 3 prs (2 nests with 3 eggs each) on 3/11 (PCL). Herepuru, 4 on 14/7 (WMH); 3 prs on 3/11 (numerous scrapes found but none contained eggs); Pikowai, 1 on 3/11; Tarawera R Mouth, 3 on 1/7, 1 on 9/9 and 3/11 (PCL), 2 on 26/5 (GG&LJB). Rangitaiki E, 2 on 11/7 and 15/8 (WMH). Whale I, 6 at McEwen's Bay on 8/11 (DOC), 4 on Boulder Bay B on 11/11, 7 (3 were juvs) on 2/1 (WMH). Ohope Spit, 38 on 13/7, 26 on 5/10, 8 prs on 3/11, 3 nests were found on 19/12, 38 on 1/2, none seen on 6/3, 69 on 29/4, 65 on 18/5, (WMH, PCL). Ohiwa Spit, 2 on 3/11; Waiotahi E, 8 on 26/9, 4 prs on 1/11 (2 nests found), 7 on 18/5; Waioeka E, 3 on 2/8, 4 on 1/11, 4 + 1 chick on 2/12, 3 on 21/2, 2 on 19/5; Waiaua E, 6 on 28/9, 8 on 30/10, 2 on 21/2 and 19/5 (WHS). Raukokore E, 1 on 23/1 (GRP). Whangaparaoa E, 4 on 8/11, none on 14/5 (WMH). [M] Ohau E, 2 on 19/11 (PFB, HAR). [HB] Ahuriri E, 1 on 28/8 (CFM, JGH).

BANDED DOTTEREL *C. bicinctus*

[FN] Kapowairua (Spirits Bay), 2 on 19/10 (GRP), 10 on 20/2 (HGS). Whareana B, 4 on 30/8, 5 on 13/10 (GRP, GAT). Te Werahi B, 6 on 28/8 (GRP), 10 on 21/2 (HGS). Twilight B, 5 on 15/10 (GRP). Parengarenga H, 94 on 30/12 (RJP). Rangiputa, Karikari Pen, 10 on 27/1; L Ohia, 150 on 27/1 (GNG). [N] Bland Bay, 2 on 1/1; Taiharuru E, 5 on 3/1 (GNG). Whangarei H: Onerahi Airport, 60 on 13/8, all in breeding plumage, down from 200-300 winter popn, none on 9/9, back up to c350 on 3/3; Skull Crk, between 250-350 in Feb/March '91; Takahiwai, 69 on 12/2, 78 on 10/3 (GRP, GNG). [A] Kaipara H: Taporā, 220 on 2/3, 152 on 3/4 (GNG, GRP); Jordan's Farm, 6 on 30/12 (GNG). Tamaki E, 73 on 15/7 (MJT). [SA] Kidds, Karaka, 5 on 1/1 (JU). Port Waikato, 19 on 25/4 (DAL). Whitford, 62 on 25/4 (DJ&PJA, PH). Mataitai, max 50 on 22/2 (TGL, RBS). Kawakawa Bay, 22 on 16/1 (BHS), 17 on 10/3 (PJA). Kaiaua, 22 on 16/1 (BHS). Miranda, max 60 on 3/3 (PJA). Coromandel H, 27 on 29/1 (AV&JVP). Colville H, 3 on 20/2 (BHS). Waikawau Bay, 12 on 5/3 (AV&JVP). Matarangi Spit, 28 on 26/3 (GAT, AJT, ST). Mercury Bay, Taputapuātea, max 47 on 4/5 (MBM). [Wk] Ruapuke, 3 on 19/8; Kawhia H, 2 prs + 1 on 3/11; Taharoa, 1 pr on 28/7 (ASR). [BP] Tauranga H: Bowentown, 192 on 29/3 (including

c/b bird from Ashley R, Canterbury, which has turned up here annually since 1984), 81 on 16/6; Matakana I, NW end, 15 on 16/6 (BC); Sulphur Pt, 10 on 6/11, 338 on 23/2, 70 on 16/6 (BC, JD, PCL); Tauranga Airport, c250 on 16/6 (GG&LJB). Kaituna Cut, 1 on 2/12, 6 on 17/2 (PCL). Maketu E, 12 on 19/5 (BC). Little Waihi E, 60 on 17/2; Otamarakau, 2 prs on 3/11; Pikowai, 1 pr + 1 downy chick on 3/11 (PCL). Herepuru, 4 on 11/7 (WMH), 3 prs on 3/11; Matata, 10 on 28/7 (PCL), 5 on 26/5 (GG&LJB). Tarawera R Mouth, 1 on 1/7 (AM), 3 on 25/5 (KLB). Ohope Spit, 427 on 13/7, 2 prs on 3/11, 145 on 1/2, 150 on 10/2, 363 on 18/5 (WMH, PCL, JD). Ohiwa, 3 on 3/11, 10 on 10/12; Waiotahi E, 17 on 18/5; Waioeka E, 13 on 19/5; Waiau E, 1 on 28/9 and 1/11, 3 on 21/2, 2 on 19/5; Motu R Mouth, 1 on 27/5 (WHS). Raukokore E, 1 adult with 2 small (1 week old) chicks on 23/1 (GRP). Whangaparaoa E, 3 on 8/11, 17 on 14/5 (WMH). [VP] Kaimanawa Range, 1 on 4/1 was on shingle scree at top of range and displayed breeding behaviour that suggested a nest nearby. Numerous on 7/1 on the only open part of Ngaruroro R just below Boyd Hut (JRB). [G/W] Hicks Bay, 20 on 23/1; Muriwai Lag, 42 on 22/1 (GRP). Northern Hawkes Bay count: 73 on 10/11, many breeding (OSNZ group). [T] Waiongana E, 1 on 10/11 increasing to max 42 on 20/2; Pungaereere Stm, Rahotu, 7 on 3/1 (DGM). [Wg] Wanganui E, c60 on 21/4 (OCT). [M] Manawatu E, max c110 on 30/3 (JLM). Rangitikei E, 120 on 5/5 (IS). [HB] North Pond/Westshore, 1 on 4/11 (OSNZ cen). Ahuriri E, 16 in paddock adjoining South Marsh on 17/3 (ARG, ACS, TAS, KVT), 38 on 30/6; Waitangi/Tukituki E, 21 on 4/11, 39 on 30/6 (OSNZ cen). Tukituki E, birds were beginning to defend territories on shingle at river mouth by 3/7, c50 on 26/5 (M&PWT). L Poukawa, c80 in wet fields on 22/6 (CFM, JGH). HB rivers: birds had returned by end of June/early July '91 (M&PWT). Porangahau E, 9 on 3/11, 130 on 29/6 (OSNZ cen). [W] Waikanae E, 8 on 22/6; Pauatahanui, 8 on 23/3 (AM, JW).

BLACK-FRONTED DOTTEREL *C. melanops*

[FN] Sweetwater, 1 feeding in muddy edge of peat swamp on 9/4 (GRP). [A] Mangere SP, 1 on 29/4 (PH). [BP] Matata, 3 on 11/7 (WMH), 1 on 9/9, 2 adults + 1 juv on 18/5 (PCL), 4 on 26/5 (GG&LJB). Rangitaiki E, 1 on 2/6 (WMH). [G/W] Whakaki Lag, 1 on shingle bar on 11/11 (OSNZ group). [M] Feilding SP, 9 on 9/3 (IS, PFB, AJT). Ohau E, 2 on 6/1 (AJT, BAT, DHT). [HB] Ahuriri E, 40-45 in Turfrey Rd area throughout Aug, 6 on 4/11, 29 on 8/4, 96 at top end of estuary on 27/5 (R&TAS, OSNZ cen). These are large numbers for Ahuriri, and probably the largest number recorded in one locality in the region (MTC). Westshore Lag, 6 on 30/6 (OSNZ cen). Tutaekuri R, 20 on 15/7 on 0.6 km stretch of riverbed regularly surveyed. First nest recorded on 14/10 (3 nests within 15m). During 90/91 breeding season this river appeared to be more densely populated than the other 2 major rivers. Birds c/b for 3rd year (HB total = 24 c/b birds). On a 2 km stretch of river, 13 seen on 1/4 with imms still distinguishable and 3 banded birds out of 4 were still in nesting area (M&PWT). East Clive, 9 in paddock near sewer outfall on 12/5 (TAS). Tukituki E, 18 on 26/5 (M&PWT). L Kautuku, 11 on 15/7 (CFM, JGH). Hurimoana Swamp, 26 on 22/7 (OSNZ group). HB Rivers: no apparent reduction in numbers on rivers in '91 winter (M&PWT). [Wr] Poanui Delta, L Wairarapa, 3 egg nest

found on 18/9 (DMS). Mataikona R, 14 seen at mouth on 20/9 (JA). [W] Waikanae E, 3 on 28/7 (BAT).

LARGE SAND DOTTEREL *C. leschenaultii*

[SA] Kidds, Karaka, 1 on 1/1 (JU). [BP] Whangaparaoa E, 1 with Banded Dotterels on 14/5 (WMH).

MONGOLIAN DOTTEREL *C. mongolus*

[SA] Access Bay, Miranda, 1 feeding with Banded Dotterels on 18/1 (BHS). [BP] Kaituna Cut, 1 in breeding plumage on 4/11 (RSC, IS). [HB] Porangahau E, 1 on 3/11 (OSNZ cen).

WRYBILL *Anarhynchus frontalis*

[FN] Parengarenga H, 1 on 30/12 (RJP). [N] Whangarei H: Port Whangarei and Skull Crk roosts, 83 on 13/8 (all in breeding plumage), 12 on 6/10, 3 in Nov, increased to 13 by 2/1, 61 on 3/2, max 120 on 15/6 (GRP, GNG *et al.*). [A] Taporā, 93 on 2/3, 105 on 3/4 (GNG, GRP). Mangere SP, c530 on 1/7 (GAT, AJT, PS, TGL), 140 on 8/9 (TGL, RBS), 400 on 20/1 (CJ), 800 on 15/4 and 2/5 (RBS). [SA] Kidd's, Karaka, 30 on 1/1 (JU). Port Waikato, 1 on 25/4 (DAL). Miranda, 1700 on 24/1 (RJ&BGL), 1800 on 22/2 (RBS, TGL), 1690 counted from photo on 19/4 (ACR), c1500 on 20/4 (GRP). Matarangi Spit, 1 on 26/3 (GAT, AJT, ST). [BP] Sulphur Pt, Tauranga H, 1 on 10/11, 91 on 23/2, 92 on 30/3, 43 on 16/6 (PCL, BC). Little Waihi E, 3 on 17/2 (PCL). Pukehina Spit, 8 on 19/5 (K&NS). [G/W] Muriwai Lag, 15 on 22/1 (GRP). [M] Manawatu E, 16 (none banded) on 22/7 (GAT, PFB), 6 on 21/10 (R&PS), max 24 on 30/12 (JLM), 10 on 6/1 (AJT, BAT, DHT), 10 birds took off calling, circled to gain height and headed north on 19/1 (RG), 12 on 24/2, 16 on 30/6 (AJT, BAT). [HB] Porangahau E, 6 on 3/11 (OSNZ cen), 45 on 6/2 (CFM), 83 on 29/6 (OSNZ cen). A very large group for region and probably the largest on record (MTC). [Wr] L Wairarapa, 1 on 7/11 during Twitchathon (OSNZ group).

PACIFIC GOLDEN PLOVER *Pluvialis fulva*

[FN] Paua, 56 on 12/10 (GRP). Parengarenga H, 162 on 1/1, 240 on 30/3; Houhora H, c40 in Dec; Rangaunu H, 5 on 6/9, 130 on 29/12 (RJP). Rangiputa, Karikari Pen, 57 on 27/1; L Ohia, 147 on 27/1 (GNG). Whangarei H: Onerahi Airport, 2 overwintering in 1990 (1 in full breeding plumage), first bird seen on 1/10, total increased to 104 on 10/11, 60-78 present Jan-March at Port Whangarei, Skull Crk and Takahiwai roosts (GNG, GRP, MT). [A] Kaipara H: Taporā, 12 on 2/12, 24 on 2/3, 33 on 3/4 (GNG, GRP); Jordan's Farm, 3 on 4/11, 6 on 30/12 (GNG). [SA] Kidd's, Karaka, 40 on 2/12 (DJ&PJA). Mataitai, 9 on 22/2 (RBS, TGL). Matarangi Spit, 25 on 26/3 (some with black underparts) (GAT, AJT, ST). [BP] Kaituna Cut, 47 on 4/11, 41 on 2/12, 44 on 17/2 (PCL). Little Waihi E, 38 on 4/11 (KLB), 56 on 2/12 (PCL). Ohope Spit, 4 on 28/9, 6 on 5/10, 13 on 6/11, 15 on 22/11 (WMH). [G/W] Muriwai Lag, 1 on 22/1 (GRP). Wairoa R Mouth, max 13 on 24/11 (GAF). [T] Waiongana E, 9 on 8/11 (1 still with black belly), 11 on 17/11, thereafter usually 9 until 20/3 (3 showing definite change to breeding plumage by 10/3), 6 on 5/4, none on 14/4 (DGM). [M] Manawatu E, 9 on 7/10, max 43 on 28/12, 41 on 3/2, 36 on 19/3, 18 on 1/4 (JLM, D&MS). [HB] Ahuriri E/South Marsh, first sighting this season 1 on 4/9

(R&TAS), 3 on 11/10 (1 in full breeding plumage, 1 in eclipse and 1 with some sign of breeding plumage) (ARG, KVT), 15 on 15/10, 28 on 21/10 (TAS, JGH, CFM), 22 on 4/11 (OSNZ cen), 44 on 18/2, 41 on 10/3, c50 on 17/3 (14 in part or full breeding plumage) (TAS, ARG, ACS, KVT, AJT, PFB), 53 on 24/3 (CFM, MJ). Porangahau E, 1 on 3/11 (OSNZ cen). [Wr] L Wairarapa, 65 on 18/11 (OSNZ cen), 55 on 27/1 (HAR).

AMERICAN GOLDEN PLOVER *P. dominica*

[FN] Rangiputa, Karikari Pen, 1 on 27/1 with flock of 57 Pacific Golden Plover (RJP, GNG).

GREY PLOVER *P. squatarola*

[FN] Paua, 2 in paddocks with Golden Plover on 19/10 (GRP), 1 from Jan to March (RJP). [N] Skull Crk, Whangarei H, 1 on 23/2 (GNG). [SA] Karaka, 1 on 1/1; Access Bay, Miranda, 1 present Dec & Jan (JU). [M] Manawatu E, 1 on 3/2 (JLM).

SPUR-WINGED PLOVER *Vanellus miles novaehollandiae*

[FN] Rangiputa, Karikari Pen, 4 on 27/1 (GNG). Jack's L, Pakaraka, 28 on 8/1 (GRP). L Owhareiti, 2 on 18/2 (HGS). [N] Whangarei area, several broods in July-Aug (RJP). Pompallier College, 6 on 23/2; Takahiwai, 2 on 13/10; Lang Cove, Waipu, 7 on 27/12 (GNG). Tinopai, 2 on 15/6 (adult + very young chick) (AJB). [A] Little Barrier I, 2 on 12/8/89, stayed for 2 hrs in the paddock before departing, another seen several days later. These are the first records for the island (TCG). Jordan's Farm, Kaipara, 23 on 4/11, 4 on 30/12 (GNG). Ambury Park, Mangere, 20 on 15/4, 3 prs had nested (RBS). [SA] Wattle Downs SP, 5 on 11/10 (ERW). Clevedon, max 19 at river mouth on 28/5 (NCP, AJG). Kopuku, 25 in flooded paddock on 29/7 (PJA). Matingarahi, 16 on 22/2 (RBS, TGL). Coromandel H, 14 on 23/1 (AV&JVP). Whitianga H, max 23 on 22/4 (MBM). Red Mercury I, 1 calling in flight at night over Shag Valley on 29/3 (AJT, GAT). [Wk] L Ngaroto, 42 on 1/9, seem to be still increasing in region (BHS). [BP] Tauranga H: Tuapiro, 2 on 10/11, 3 on 16/6 (JRP); Matahui Pt, 3 on 10/11 (RSC); Aerodrome Bay, 3 on 16/6 (GG&LJB). Papamoa, c30 (a number of these were breeding prs) on 2/9, a flock of 40 flying high on 26/5. Spurwings are now seen and/or heard on most days in the area and breed in some numbers on local farmland (PCL). Kaituna Cut, 84 on 4/11, 66 on 2/12 (PCL). Maketu, 6 on 4/11 (GG&LJB), 15 on 19/5 (BC). Little Waihi E, 1 on 4/11 (KLB), 6 on 2/12 (PCL). Otamarakau, 4 on 18/5; Herepuru, 13 on 3/11, 5 on 18/5 (PCL). Matata, 2 on 18/5 (RMW). Tarawera R Mouth, 1 on 3/11 (PCL), 9 on 18/5 (RMW), pr nesting on 26/5 (GG&LJB). Onepu, pr with 3 running chicks on 28/6 (RMW). Awaiti Wetlands, 2 on 1/7; Rangitaiki E, 2 on 28/4, 6 on 18/5 (PCL). Ohiwa, 1 on 18/5 (JD). Waioeka E, 10 on 1/11, 18 on 20/5; Waiaua E, 6 on 1/11 (WHS). L Aniwhenua, 6 on 23/9 (PCL). [G/W] Makaraka, 110 on ploughed paddock on 11/5, still present on 1/6 (GAF). [T] Mamaku L, 69 on 1/7, highest count there to date; Inglewood Golf Course, eggs hatched on 24/8; New Plymouth, nest in railway yards with 4 eggs on 17/9; Kaimiro, flock of 41 on 25/6. Species now common and widespread in region (DGM, WBM, EW). [M] Fielding SP, c90 on 9/3 (PFB, IS, AJT). Manawatu E, 50+ on 17/7 (D&MS), c140 on 5/5 (JLM), 58 on 30/6 (AJT). Whirokino Flats, 110 in flock on 22/7

(GAT, PFB), c240 on 16/9 (JLM). Ohau E, 30 on 6/1 (AJT, BAT, DHT). [HB] L Tutira, 6 on 17/2 (complete survey) (GAF). Ahuriri E, c70 on 16/10 (a large count for this time of year) (M&PWT), 55 on 21/10 (CFM, JGH), 98 on 4/11, 76 on 30/6; Westshore Lag, 9 on 4/11, 4 on 30/6; South Marsh, 23 on 4/11 (OSNZ cen). Awatoto, c170 in ploughed field on 27/8 (KVT). Waitangi/East Clive, 5 on 4/11, 4 on 30/6 (OSNZ cen). Brookfields, near Pakowhai, c125 in waterlogged field (KVT). Fernhill, incubating at Swamp Rd on 4/5 (JGH). Tukituki R, Waimarama Bridge, 53 + roosting in flock on the shingle on 24/11 (M&PWT). Porangahau E, 4 on 3/11, 79 on 29/6 (OSNZ cen). [Wr] L Wairarapa, 557 on 18/11 (OSNZ cen). [W] Waikanae E, 2 on 22/6; Pauatahanui, 24 on 6/2, 48 on 23/3, 18 on 22/6 (AM, JW).

TURNSTONE *Arenaria interpres*

[FN] Paua, c200 in paddocks on 19/10 (GRP). Parengarenga H, 900 on 30/2, 600 + on 31/3 (RJP). Te Pahi Stm, 1 feeding in stream on 28/8 (GRP). Houhora H, 500 on 29/12 (RJP). Kaimaumu, 10 on 19/2 (HGS). Karikari B, 38 on 27/1 (GNG). [N] Port Whangarei, 1 on 25/12 (GRP). Waipu E, 3 on 4/11, 15 on 27/12, 6 on 30/12, 5 on 28/4 (GNG, GRP). [A] Kaipara H: Taporā, 200 on 2/12, 642 on 2/3, c400 on 3/4 (GRP, GNG). Jordan's Farm, 46 on 30/12 (GNG). [SA] Kidd's, Karaka, 150 on 2/12 (PJA). Kaiaua, 70 on 17/12 (AJG *et al.*), 120 on 5/1 (AJG), 50 on 24/1 (RJ&BGL), 30 on 10/3 (PJA). Miranda, 16 on 16/9 (BHS), 71 on 11/10 (BJE), 45 on 24/1 (AJG). [BP] Tauranga H: Bowentown B, 3 on 16/6; Bowentown Shellbanks, 170 on 10/11; Matakana I, NW end, 10 on 16/6 (BC). Kaituna Cut, 6 on 2/12 (PCL). Maketu, 25 on 4/11 (GG&LJB), 22 on 2/12, 10 on 17/2 (PCL), 15 on 7/3 (KLO), 1 on 19/5 (BC). Pukehina Spit, 1 on 19/5 (K&NS). Ohope Spit, 2 on 6/11 and 18/5 (WMH). [G/W] Opoutama B, 5 on 10/11; Portland I, 40 on 10/11 (OSNZ group). [T] Waiongana E, 3 on 8/11 chased by Red-billed Gulls when tried to settle near them (DGM). [M] Manawatu E, 1 on 20-21/10, 2 on 18/11 (JLM). [HB] Ahuriri E, 1 on 21/10, 2 on 17/11 (CFM, JGH). South Marsh, 1 on 17/11 (M&PWT). Waitangi E, 1 standing on stranded tree stump on 29/11 (KVT), 3 on 16/12 (BMT, NAP).

LESSER KNOT *Calidris canutus*

[FN] Parengarenga H, 3000 on 30/12, 1000 + on 31/3; Houhora H, 2300 on 5/1 (RJP). Ninety Mile B, 9 on 18/10 (GRP), 3 on 28/11 (ACR). Rangaunu H, 1500 on 6/1, 1000 + on 26/3 (RJP). [N] Whangarei H: Port Whangarei, 37 on 30/9, 200 on 7/10, c2800 on 4/11, c4000 on 2-3/1, c3500 on 2/2 (GRP, GNG); Portland, 2000 on 29/10; Skull Crk, 1500 on 22/10; Takahiwai, 900 on 16/12 (GNG). Ruakaka E, 161 on 18/11 (GRP), 503 on 2/2 (NH). Waipu E, 183 on 27/12 (GRP). [A] Taporā, c7000 on 2/3 (GRP, GNG). Mangere SP, 5500 on 2/12, none on 16/6 (BJE, OSNZ cen). [SA] Clifton Rd, Whitford, 1 on 25/4; Kaiaua, 500 on 10/3 (PJA). FoT, 3457 on 4/11, 174 on 19/5 (OSNZ cen). Matarangi B, 1 on 23/9 (EEP). [BP] Kaituna Cut, 40 on 4/11 (RSC), 20 on 17/2 (PCL). Maketu, 15 on 4/11 (GG&LJB), 10 on 2/12 and 50 on 17/2 (PCL). Little Waihi, 50 on 2/12 (PCL). Ohope Spit, 1 on 6/11 (WMH). Ohiwa Spit, 10 on 3/11; Waiaua E, 1 on 1/11 (WHS). [Wg] Wanganui E, 5 on 4/11 (OCT). [M] Manawatu E, 1 on 25/8, 10 on 6/10, 177 on 6/1, max 271 on 19/1, 182 on 24/2, 4 on 14/4 (JLM, RG, AJT, BAT, DHT). [HB] Ahuriri E, first spring sighting 1 with godwits on 16/9

(TAS), 1 on 22/9 still with traces of colour (M&PWT), 5-7 throughout Oct (CFM *et al.*), 3 on 4/11 (OSNZ cen), 11 well coloured on 17/11 (CFM, JGH), 8 between bridges on 30/12 (M&PWT). Waitangi E, 1 on 23/10 (R&TAS), 12 on 29/11 (KVT). Porangahau E, 2 on 3/11 (OSNZ cen). [W] Waikanae E, 3 on 7/10 (AJT), 1 on 27/10 (D&MS).

SANDERLING *C. alba*

[FN] Parengarenga H, 2 on 30/12 (RJP).

CURLEW SANDPIPER *C. ferruginea*

[FN] Parengarenga H, 10 on 30/12, 9 on 30/3 (RJP). [A] Taporā, Kaipara H, 2 on 2/12 (GNG), 1 on 3/4 (GRP). Mangere SP, 1 on 23/11 (AJT, PFB, SK). [SA] Miranda, 3 on 29/9 (CFM), 4 on 28/10 (PJA), 7 on 4/11 (OSNZ cen), 8 on 22/11 (AJT, PFB, SK), 9 on 7/12 (GJA), max 10 on 22/2 (RBS, TGL), 8 on 10/3 (PJA), 1 remaining on 5/5 (ACR). [M] Manawatu E, 1 on 22/1 (D&MS).

SHARP-TAILED SANDPIPER *C. acuminata*

[FN] Parengarenga H, 2 on 30/12, 12 on 30/3 (RJP). Karikari Bay, 6 on 27/1 (GNG, RJP), 1 on 7/4 (GRP). [N] Whangarei H, 1 present Feb-May, seen at Onerahi Airport and Skull Crk, attaining breeding plumage by 5/5 (GRP, GNG). [A] Jordan's Farm, 8 on 4/11, 3 on 30/12 (GNG). Mangere SP, 1 on 23/11 (AJT, PFB, SK). [SA] Kidd's, Karaka, 5 on 1/1 (JU). Miranda, 7 on 30/9 (CFM), 10 on 4/11 (OSNZ cen), 9 on 28/11 (GRP), 11 on 11/1, max 13 on 16/3 (PJA). [BP] Kaituna Cut, 1 on 2/12, 7 on 17/2 (PCL). Matata, 1 on 7/10 (RMW). [M] Manawatu E, 1 on 20-22/10, 5 on 23/12, 6 from 22/1 to 1/4, 1 on 14/4 (JLM, D&MS). [HB] South Marsh/Westshore, 1 on 23/10 and 6/12 (R&TAS). [Wr] L Wairarapa, 3 on 18/1 (BDH, HAR).

PECTORAL SANDPIPER *C. melanotos*

[FN] Paua, 2 roosting in field with Grey & Golden Plovers and Turnstones on 19/10 (GRP). Karikari Bay, 1 on 27/1 (GNG). [SA] Miranda, 1 on 28/12 (PFB), remained until 17/3 (FN). [BP] Kaituna Cut, 2 from 4/11 to 17/2 (PCL, IS, RJ&BGL). [T] Waitara R, 1 present in temporary paddock pond from 15-19/10 (DGM *et al.*). [M] Manawatu E, 1 from 22/12 to 14/4 (JLM, IS, D&MS). Ohau E, 1 on 15/10 (AJT). [Wr] L Wairarapa, 2 on 18/11 (BDH, HAR, CES).

RED-NECKED STINT *C. ruficollis*

[FN] Parengarenga H, 12 on 30/12 and 30/3; Houhora H, 1 on 5/1; Rangaunu H, 3 on 26/3 (RJP). Karikari Bay, 6 on 7/4 (GRP). [A] Taporā, Kaipara H, 14 on 2/12 and 2/3, down to 12 on 3/4 (GNG, GRP). [SA] Kidd's, Karaka, 7 on 2/12 (PH), 6 on 1/1 (JU), 1 on 16/6 (OSNZ cen). FoT, Miranda, 3 on 28/10 (PJA), 6 on 4/11 (OSNZ cen), 4 on 22/11 (AJT, PFB, SK), max 10 on 3/12 (PJA), 6 on 24/1 (RJ&BGL), 4 on 22/2 (RBS, TGL), 5 on 23/3 (DAL, KH). [BP] Kaituna Cut, 2 on 4/11 and 2/12, 1 on 17/2 (RSC, PCL). [M] Manawatu E, 1 on 22/12, 2 on 30/12, 1 on 24/2, 3 on 29/3, 1 on 30/31/3 (JLM, R&PS, AJT, BAT). [HB] Ahuriri E, first sighting in spring, 1 with godwits on 15/10 (R&TAS), 2 on 21/10, 3 on 17/11 and 25/11 (JGH, CFM), 2 on 6/12 (R&TAS). South Marsh, 3 on 25/11, possibly

same birds as seen at Ahuriri on same date (M&PWT), 1 on 16/12 and 7/4 (JGH, CFM). Waitangi E, 2 on 30/6; Porangahau E, 6 on 3/11, 1 on 29/6 (OSNZ cen). [W] Waikanae E, 1 on 21/10 (JL, MAF).

EASTERN CURLEW *Numenius madagascariensis*

[FN] Parengarenga H, 8 on 31/3 (RJP). [N] Waipu E, 1 on 7/12 (NH). [SA] Manukau H, 19 on 2/12, 1 on 16/6 (OSNZ cen). Kidd's, Karaka, 2 on 1/1 (JU). Miranda, 1 from 29/9 until 23/5 (CFM, AJT, PFB, SK, GRP, PJA). [M] Manawatu E, 1 overwintered through July-Oct (JLM, PFB, GAT, D&MS), 2 from 20/10 to 19/3, 1 until 1/4 (JLM, D&MS).

ASIATIC WHIMBREL *N. phaeopus variegatus*

[FN] Kapowairua, Spirits Bay, 2 on 19/10 (GRP). Parengarenga H, 31 on 30/12 and 31/3; Rangaunu H, c30 on 6/1 (RJP). [N] Whangarei H, 3 overwintered, 10 on 22/10, max 15 over summer, 3 on 5/5. Seen at Skull Crk and Takahiwai areas (GNG, GRP). [SA] Miranda, 3 on 13/9 (BHS).

AMERICAN WHIMBREL *N. phaeopus hudsonicus*

[N] Skull Crk, Whangarei H, 1 with Asiatics. Very dark plumage on 5/5 (GRP). [SA] Miranda, 1 with dark rump on 15/7 (3RC).

WHIMBREL subsp.

[FN] East B, 1 on 26/3 (GRP). [SA] FoT, 12 on 4/11, 1 on 19/5 (OSNZ cen). [BP] Omokoroa, 1 on 10/11 (KLB). Kaituna Cut, 1 on 4/11 (IS). Ohope Spit, 2 on 6/11 and 3/1; Ohiwa, 3 on 23/1 on mudflats (WMH). [G/W] Oraka, Mahia, 1 on 7/10 (GAF). Mahia Pen, 2 on reef on 10/11; Portland I, 1 on 10/11 (OSNZ group). [HB] Ahuriri E, 1 below pumpshed on 17/11 (CFM, JGH).

EASTERN BAR-TAILED GODWIT *Limosa lapponica baueri*

[FN] Parengarenga H, 3500 on 30/12, 3000 + on 31/3; Houhora H, 500 on 5/1 (RJP), 90 at harbour entrance on 9/2 (DL). Ninety Mile B, 7 on open beach on 18/10 (GRP). Rangaunu H, 5800 on 6/1, 3850 on 26/3 (RJP). [N] Pataua E, 77 on 1/1 (GNG). Whangarei H: Port Whangarei, 35 on 2/9 (GNG), large flocks on spring tides, c3500 on 4/11, c2500 on 2/12, c5500 on 2-3/1; Portland, 2000 on 29/10, 1000 on 10/11 and 24/3 (GNG, GRP). Waipu E, 328 on 2/2 (NH). [A] Taporu, c5000 on 2/3 (GRP, GNG). Mangere SP, 125 on 1/7 (GAT *et al.*), 7500 on 2/12, 1220 on 16/6 (BJE, OSNZ cen). [SA] Conifer Grove, 21 on 14/10 (ERW). Whitford, 140 on 25/4 (PJA). Mataitai, 200 on 26/10 (AJG), 25 on 19/5 (PJA). FoT, 4614 on 4/11, 931 on 19/5 (OSNZ cen). Miranda, 2200 on 9/9, 1752 on 22/12 (3RC), 1 albino on 23/3 (PFB). Coromandel H, 130 on 24/9 (EEP), 344 on 29/1 (AV&JVP), 52 on 20/2 (BHS), 40 on 1/4 (GRP). Colville H, 53 on 7/3 (AV&JVP), 16 on 1/4 (GRP). Matarangi Spit, c450 on 26/3 (GAT, AJT, ST). Matarangi B, 330 on 23/9 (EEP). Red Mercury I, a flock of 15-20 waders that appeared to be this species was seen in flight at dusk (half an hour after sunset) on 31/3. They were 15-30m above the sea and passed between Double and Red Mercury Is heading due north (GAT). Mercury Bay, Taputapuata, max 27 on 28/1; Ohuka B, max 23 on 4/11 (MBM). Buffalo B, Whitianga, 10 on 30/11 (GRP). Whitianga H, max 14 on 29/10 (MBM). Pauanui, 250 on 10/11 (AJG *et al.*). [BP] Tauranga H: Bowentown Shellbanks, 2200 on 10/11, 350 on 16/6; Matahui Pt, 1300 on 19/7 (BC), 650 on 10/11 (RSC); Omokoroa,

150 on 16/6 (KLB); Sulphur Pt, 1000 on 10/11 (PCL), 2000 on 23/2 (BC), 500 on 16/6 (JD). Kaituna Cut, 520 on 4/11 (RSC), 40 on 17/2 (PCL). Maketu E, 120 on 4/11 (GG&LJB), 800 on 2/12, 1000 on 17/2 (PCL), c260 on 7/3 (KLO), 29 on 19/5 (BC). Little Waihi, 550 on 4/11 (KLB), 800 on 2/12, 1000 on 12/2 (PCL), 73 on 19/5 (RSC). Pukehina Spit, 200 on 4/11 (K&NS). Ohope Spit, 730 on 13/7, 1600 on 28/9, 3500 on 6/11, 4500 on 4/12, 500+ on 29/4, 675 on 18/5 (WMH). Ohiwa Spit, c3000 on 3/11, c500 on 18/4, 20 on 18/5 (WHS). Waiotahi E, 136 on 9/11 (RMW). Waioeka E, 3 on 1/11; Waiaua E, 4 on 1/11 (WHS). [G/W] Muriwai Lag, 170+ on 22/1 (GRP). Wairoa E, max 194 on 24/11 (GAF). [T] Waiongana E, 4 flying south on 19/9; Waitara R, 3 on 22/10 (DGM). Komene Rd Lag, Okato, 1 on 22/11 (RWB). [Wg] Waitotara E, 2 on 21/10 (DGM *et al.*). Wanganui E, max 58 on 20/10 (OCT). [M] Manawatu E, 1 on 22/7 (PFB, GAT), c545 on 21/10, max 559 on 18/11 (JLM, IS, RG), 327 on 6/1, c210 on 24/2 (AJT, BAT, DHT), 20 on 30/6 (AJT). Hokio B, 31 feeding in twos and threes in the intertidal zone on 16/3 (MO). Ohau E, 12 on 15/10 (AJT). [HB] Ahuriri E, 41 apparently new arrivals on 28/8, 232 on 7/10 and main flock back by 15/10 (CFM, TAS), 410 on 4/11 (OSNZ cen), c400 on 6/2 (ARG), 153 on 18/2 (some showing much colour) (TAS), 136 on 10/3 (AJT, PFB), 33 on 30/6 (OSNZ cen). East Clive/Waitangi, 52 on 4/11 (OSNZ cen), 15 on 12/5 (R&TAS). Waitangi/Tukituki E, 20 on 30/6 (OSNZ cen). Tukituki E, 10 on 6/10 (BMT), 38 on 4/11; Porangahau E, 271 on 3/11, 46 on 29/6 (OSNZ cen). [W] Waikanae E, 6 on 27/10 (D&MS), 1 eating a crab on 28/10 (AJT, GAT). Porirua H, 2 on 9/3 and 16/6 (MP).

ASIATIC BLACK-TAILED GODWIT *L. limosa melanuroides*

[SA] Miranda, 1 corpse found on 3/12 (PJA).

HUDSONIAN GODWIT *L. haemastica*

[FN] Rangaunu H, 1 in July (RJP). [HB] South Marsh, Westshore, 1 on 28/8 (CFM, JGH, M&PWT). [Wr] L Wairarapa, 1 on 27/1 (HAR).

SIBERIAN TATTLER *T. brevipes*

[FN] Parengarenga H, 1 on 30/12 (RJP). [SA] Matarangi Spit, 1 on 26/3, grey above, white below with no barring, gave 'tu-tu-wheet' call (AJT, GAT, ST). [M] Manawatu E, 1 on 20/10 then 2 from 22/12 to 9/3 with 1 remaining to 14/4 (JLM, R&PS, D&MS).

TATTLER sp. *Tringa* sp.

[N] Moturoa Pt, Bland Bay, 1 on rock platform on 5/2 (GRP). [SA] Miranda, 1 on 4/11 (ACR *et al.*). Kaiaua, 1 on 16/1 (BHS). [T] Waiongana E, 1 on 3 occasions between 17/11 and 15/12 (DGM). [M] Manawatu E, 2 on 24/2 (AJT, BAT).

MARSH SANDPIPER *T. stagnatilis*

[FN] Unahi, Rangaunu H, 1 on 1/4 (RJP). [A] Jordan's Farm, Kaipara H, 1 on 4/11 and 30/12 (GNG). Mangere SP, 1 on 2/2 (WL). [SA] Miranda, 1 on 29/9 (CFM), 2 on 2/11 (PMS), 1 present through to 25/4 when it was coming into breeding plumage (AS&JMR, GRP).

TEREK SANDPIPER *T. terek*

[FN] Parengarenga H, 1 on 30/12 (RJP). [N] Whangarei H, 2 from 1/2 to 5/5 at Port Whangarei and Skull Crk roosts (GRP, GNG). [A] Jordan's Farm, Kaipara H, 1 on 18/5 (GNG). [SA] Kidd's, Karaka, 1 on 2/12;

Miranda, 1 on 28/10 (PJA) and 22/11 (AJT, PFB, SK), 2 on 24/11 (PJA), 1 on 7/12 (GJA) and 3/3 (PJA). [M] Manawatu E, 1 on 17/12, 22/1, 3/2, 24/2, 19/3 and 14/4 (BDH, WRJ, D&MS, JLM, AJT, BAT).

BROWN SKUA *Catharacta skua lonnbergi*

[FN] Kerikeri and Te Hapua Inlet, 3 with White-fronted Terns on 15/6, presumably this species (AJB). [BP] Mayor I, 6 km SE, 1 on 28/7; Karewa I, 3 km NE, 1 on 10/7 (JEH). [W] Cook Strait, 1 on 12/8 (P&RS, RG).

ARCTIC SKUA *Stercorarius parasiticus*

[N] Paihia Jetty, 1 on 27/11 (ACR). Urupukapuka I, 2 light phase on 10/2 (DAL). Whangarei H, 1 molesting 5 Red-billed Gulls on 30/12, 3 on 12/1, all with full or partial mid-tail feathers, came within 10-15 m from boat by feeding fish bait (PA). [SA] FoT, 6 on 3/12 (PJA, RJ&BGL). Kaiaua, 1 on 24/1 (RJL). Whitianga to Mercury Is, 3 on 28/3, 4 on 2/4, all small (probably this species) (AJT, GAT). [Wk] Ruapuke, 3 on 28/1 (PCC). [BP] Pudney Reef, 1 dark on 16/11; near Mayor I, 1 dark on 26/11, 1 light on 2/12 and 16/12; Mt Maunganui to Mayor I, 1 dark on 9/5; Mt Maunganui to Motiti I, 1 dark on 20/11; off Motiti I, 1 dark + 1 light on 11/4 and 13/4, 1 light on 21/4, 1 dark on 2/5, 1 light + 1 dark on 4/5; off Town Pt, Maketu, 2 light + 1 dark on 28/11 (JEH). Te Puna, Tauranga H, 1 pale harrying White-fronted Terns on 27/4 (MS). Papamoa B, 1 dark + 1 light on 5/3, 1 dark on 12/3 and 14/4, all harrying White-fronted Terns (PCL). Rurima Rocks, 1 dark on 27/12, chasing White-faced Storm Petrels, 1 dark on 28/12 harrying Red-billed Gulls, a few of both phases on 2/1; Rangitaiki R mouth, 1 dark on 1/3; Ohiwa H entrance, 1 light on 23/12, 1 light + 2 dark on 13/1, 10 on 10/2, 1 dark on 1/4, 1 pale on 19/4, 1 dark on 18/5 (WMH). [M] Foxton B, 2 on 29/12 and 30/3, 1 on 31/3 (JLM).

POMARINE SKUA *S. pomarinus*

[N] Urupukapuka I, 2 dark phase with tail streamers visible on 10/2 (DAL). [A] Kawau I, 1 light bird offshore on 19/3 (AJG). [M] Manawatu E, 1 dark on 31/3 (HAR, BDH, OSNZ group).

SKUA sp.

[BP] Off Mayor I, 1 pale phase on 22/12 (probable Pomarine) (JEH). [T] Waiongana E, 3 offshore on 9/3 harassing White-fronted Terns (DGM). [HB] Black Reef, Cape Kidnappers, 3 chasing terns on 18/1 (R&TAS). Waimarama, beyond Bare I, 3 on 17/3 harrying White-fronted Terns (JW). [W] Wellington H, 1 dark (Arctic?) resting on water near Eastbourne on 17/12 (GAT), 4 small (Arctic?), including 1 probable imm pale with no projecting central tail feathers visible and mottled underwing coverts (AJT).

SOUTHERN BLACK-BACKED GULL *Larus d. dominicanus*

[FN] Kokata Spit, c300 breeding in early Jan; Kowhai B, Houhora, c300 breeding in early Jan, both colonies had half grown young (RJP). [N] Taiharuru E, 10 prs with chicks on islands at entrance on 9/1 (GRP). Whangarei H: Knight I, 52 nests, 15 with 1-3 eggs, many chicks up to 2 weeks old on 22/12; Pirate I, 14 nests, no eggs, numerous chicks on 22/12 (GRP). [SA] Miranda, 71 on 14/8 (3RC). Matarangi Spit, 22 on 26/3 (AJT, GAT, ST). Buffalo B, Whitianga, 1 eating *Lepis australis* barnacles off driftwood on 26/3 (AJT). [Wk] Waikorea, 38 on 18/5; Ruapuke, from 20

on 31/7 to 50 on 19/8; Taharoa, 10 on 28/7 (ASR). [BP] Tauranga H: Bowentown shellbanks, 50 on 10/11, 103 on 16/6; Sulphur Pt, 80 on 10/11; Matakana I, SE end, 500+ breeding, many nests without eggs still but others with full clutches of 3 eggs on 17/11 (PCL, BC). Kaituna Cut, 70 on 17/2, 60 on 19/5; Little Waihi, 30 on 2/12 and 17/2; Otamarakau, 70 on 3/11; Herepuru, 25 on 3/11; Tarawera R mouth, 26 on 3/11; Rangitaiki R mouth, c100 on 3/11 and 28/4; Whakatane R mouth, c200 on 3/11, 150 on 18/5; White I, 2 sub-adults on 24/3 (PCL). Waioeka E, 120 on 20/5; Waiaua E, 23 on 1/11 (WHS). [G/W] Count of northern Hawkes Bay (includes Mahia Pen and Portland I), 1653 birds on 10-11/11. Three main colonies: Portland I, 413 birds (120 nests); Whakaki bar, c500 birds (109 nests); Wairoa, c500 birds (184 nests) (OSNZ group). [HB] Ahuriri E/Westshore Lag, 182 on 4/11, 239 on 30/6; Waitangi E, 81 on 4/11 (OSNZ cen), c550 on 10/3 (AJT, PFB), c600 on 23/5 (KVT), 460 on 30/6; East Clive/Tukituki E, 155+ on 4/11, 210 on 30/6 (OSNZ cen). L Runanga, Fernhill, c1000 on water (CFM, JGH). Oringi, near Dannevirke, c100 on 13/3 on farm paddock, unusual to see so many in this area (KVT). Porangahau, 362 on 3/11, 75 on 29/6 (OSNZ cen). Numbers increasing in region as June estuary census was 200 more birds than similar surveys in recent years (MTC). [W] Pukerua Bay, 1 adult dropping Cook's Turban gastropods onto rocks and eating them on 24/12 (AJT).

RED-BILLED GULL *L. novaehollandiae scopulinus*

[SA] Taramaire, Miranda, 1047 on 14/8 (3RC). Matarangi Spit, 73 on 26/3 (AJT, GAT, ST). Buffalo B, Whitianga, 1 adult eating *Valella valella* jellyfish on 26/3 (AJT). [BP] Matahui Pt, 176 on 19/7 (BC). Kaituna Cut, 60 on 17/2, 30 on 19/5; Maketu E, 40 on 17/2; Little Waihi, c100 on 17/2; Rangitaiki R mouth, 30 on 3/11, 100 on 28/4; Whakatane E, c300 on 3/11, 50 on 18/5; White I, 30 on 24/3 (PCL). [VP] Sulphur Bay, L Rotorua, 100's of well grown chicks (many recently fledged) in large colony on lake edge near Travelodge on 23/12. Some small chicks were also present and a few adults were still sitting on nests. The usual colony site at the Wildlife Sanctuary only had nesting Black-backed Gulls present (GAT). [G/W] Portland I, c200 birds present and 40 occupied nests on 10/11 (OSNZ group). [M] Manawatu E, none between 27-29/12, then 1 on 30/12 following rough weather (JLM), 2 on 19/1, 6 on 5/5 (RG). [HB] Ahuriri E, none on 4/11, 45 on 30/6 (OSNZ cen). Napier, 70 on 24/2 at Marine Parade, approximate time of arrival from breeding areas. Usually birds appear to have left Napier beaches by early Sept each year (M&PWT). Waitangi, none on 4/11, 16 on 30/6 (OSNZ cen). Tukituki E, c40 on 28/8 (CFM, JGH), none on 4/11, 30 on 30/6 (OSNZ cen). Brookfields, near Pakowhai, c300 in waterlogged field on 12/8 (KVT). Porangahau, 2 on 3/11, 6 on 29/6 (OSNZ cen). [W] Waikanae E, c250 on 12/8 (AJT).

BLACK-BILLED GULL *L. bulleri*

[SA] Miranda, 50 on 13/9, 250 on 16/9 (BHS), no nests on 14/11 (AJG), but 10 nests by 28/12 (PFB), resulting in 10 chicks by 24/1 (RJ&BGL), of which 4 juvs were still present on 3/3 (PJA). [BP] Matahui Pt, 14 among c170 Red-billed Gulls on 19/7 (BC). Kaituna Cut, 1 on 2/12 (the first I have seen there); Otamarakau, 1 on 18/5 (PCL). Matata, 4 on 9/9, c10 on 28/4,

c10 on 28/4, 2 on 18/5 (PCL, RMW). Tarawera R mouth, c10 on 1/7, 4 on 18/5 (PCL). Ohope Spit, 30 on 5/10, c70 breeding on 3/1. On 1/2 there were 75 adults + c15 chicks (an accurate count of chicks was difficult as they were in a mixed colony with Red-billed Gull chicks), 1 adult on 18/5 (WMH, PCL). [VP] Sulphur Bay, L Rotorua, some nesting on flats near TravelLodge amongst a large Red-billed Gull colony on 23/12 (GAT). [G/W] Portland I, c100 birds present and 3 nests containing eggs on 10/11 (OSNZ group). Wairoa, 7 young fledged from 30 nests on 20/1 (GAF). [M] Manawatu E, 17 on 22/7 (GAT, PFB), 16 on 27/12, 86 on 19/1, c70 on 24/2, 47 on 5/5 (RSG, JLM, AJT, BAT). Foxton No.1 L, 4 on 20/1 (JLM). L Horowhenua, 113 on 6/1 (AJT, BAT, DHT). [HB] Ahuriri E, 4 on 4/11, 1 on 30/6; Waitangi/East Clive, 21 on 4/11 (OSNZ cen). Tukituki E, probable nesting colony of c250 in Oct, 355 on 4/11 (many at Black Bridge nesting colony). A few nests were completed by this date. Site was deserted by 16/12, earlier than usual. Probably limited successful nesting as 4 fledglings, 3 imms and 3 adults at river mouth on 6/2, one of these adults harried the observer, 89 remaining on 30/6 (KVT, M&PWT, MTC, OSNZ cen). Black Reef, Cape Kidnappers, few nesting on cliffs and c6 young on 18/1 (R&TAS). Porangahau, 12 on 3/11, 28 on 29/6 (OSNZ cen).

WHITE-WINGED BLACK TERN *Chlidonias leucopterus*

[M] Manawatu E, 1 on 13-14/4 and 4/5 (winter plumage) (JLM).

GULL-BILLED TERN *Gelochelidon nilotica*

[HB] Ahuriri E, 1 on 7/4 in breeding plumage, still present on 5/5, 11/5 and 25/27/5. Most sightings were between the two bridges (M&PWT, CFM, JGH, R&TAS). Porangahau, 1 on 3/11 and 29/6 (OSNZ cen).

BLACK-FRONTED TERN *Sterna albostrata*

[BP] Tarawera R mouth, 2 on 1/7 (PCL), 3 on 18/5 and 25/5 (KLB, RMW), 4 on 26/5, including 1 first year bird (GG&LJB). Rangitaiki R mouth, 17 on 24/6/90 (WMH), 7 roosting on beach and 8 feeding in nearby field on 1/7 (PCL), 16 on 14/7, 3 on 28/4, 18 (including 3 first year) on 3/6 (WMH). [M] Rangitikei R mouth, 1 on 25/5 (IS). Manawatu E, 1 imm on 29/3 (JLM). Foxton B, 8 on 9/6 (RS). [HB] Napier, 1 adult on 27/4/90 at Marine Parade, none seen on earlier checks (M&PWT). Waitangi E, 48 on 12/5 just before high tide (R&TAS), max of 50 in 1991, including 5 first year birds (1 adult and 1 first year c/b) (M&PWT). Clive, 10 hawking over cleared asparagus patch on Farndon Rd at 1630h on 25/7 (BMT). Tukituki E, 1 on 28/8 (CFM) and 6/2 (an unusual summer sighting), 15 on 20/5 (KVT), 14 on 30/6; Porangahau E, 8 on 29/6 (OSNZ cen). [W] Mana I, 1 offshore on 21/7 (AJT). Waikanae E, 8 including 6 imms on 15/4 (D&MS), 168 including a juv with crossed bill on 30/5 (HAR). On 19/5/85, 631 birds were recorded after a southerly storm, the great majority of which soon dispersed (CAF) (cf. 110 on 22/5/85 recorded in CSN June '86).

CASPIAN TERN *S. caspia*

[FN] Kokata Spit, c37 including 7 chicks on 27/12 (RJP). Ninety Mile B, between Te Paki and The Bluff, 10 on 28/11 (ACR). Walker I, Rangaunu H, 210 adults + c50 juvs + c20 chicks, several abandoned nests and dead chicks on 6/1, 147 on 26/3 (RJP). [N] Paihia, 10 on 15/4 including a juv

still begging, 6 on 18/4 (EW). Port Whangarei, 5 on 23/9, 22 on 3/1; Takahiwai, 15 on 12/2 (GNG). [A] Mangawhai Res, 220-240 including 116 sitting birds on 10/10; Taporā, 62 adults and 40 chicks on 16/11 (MJT). [SA] Port Waikato, 23 on 25/4 (DAL). Miranda, 56 on 15/7 (3RC), 25 on 13/9 and 16/9, 20 on 23/12 (BHS), 56 on 5/5 (AVP). Colville, 4 on 15/2 (BHS). Waikawau Bay, 3 on 9/12; Matarangi B, 2 on 25/8; Whangapoua H, 25 on 22/9 (EEP). [Wk] Waikorea, 4 on 18/5 (ASR). L Waahi, 2 on 22/9 (BHS). Ruapuke, max 4 on 22/3; Taharoa, 2 on 28/7 (ASR). [BP] Tauranga H: Bowentown shellbanks, 60-70 prs breed each year. This year the colony was washed out by a storm, 29 on 10/11 and 11 on 16/6; Tuapiro Pt, 4 on 10/11, 1 on 16/6; Matahui Pt, 18 on 19/7, 22 on 10/11; Omokoroa, 4 on 16/6; Pahoia, 4 on 16/6; Sulphur Pt, 15 on 10/11, 45 on 16/6; Aerodrome Bay, 2 on 10/11; Hairini, 2 on 16/6; Matakana I, SE end, 10 on 17/11 (BC, JRP, RSC, KLB, PCL, JD, GG&LJB). Karewa I, 2 offshore on 24/11 (PCL). Kaituna Cut, 2 on 28/7 and 4/11, 1 on 19/5 (PCL, RSC, JD). Maketu, 2 on 17/2 and 19/5 (PCL, BC). Little Waihi, 1 on 2/12, 2 on 19/5 (PCL, RSC). Otamarakau, 1 on 3/11; Herepuru, 1 on 3/11 (PCL). Matata, 1 on 18/5 (RMW). Tarawera R mouth, 5 on 1/7, 3 on 28/4; Rangitaiki R mouth, 2 on 3/11; L Aniwhenua, 4 on 23/9 (PCL). Ohope Spit, 8 on 6/11, 15 (including 2 juvs) on 1/1, 1 on 18/5 (WMH, JD). Ohiwa H, 4 on 18/5; Waiotahi E, 1 on 18/5; Waioeka E, 2 on 1/11, 4 on 20/5; Waiaua E, 5 on 1/11; Motu R mouth, 1 on 27/5 (WHS). [VP] Sulphur Bay, L Rotorua, 2 roosting at Travelodge Flats on 23/12 (GAT). L Taupo: Motuoapa, 2 on 10/3; Tokaanu outflow, 2 on 10/3 (AJT, PFB). [Wg] Wanganui E, 5 on 22/7 (OCT). [M] Himatangi B, 3 (1 c/b) on 21/7 (GAT, PFB). Manawatu E, 18 on 29/3, c20 on 3/6 (JLM). [HB] Ahuriri E, 6 on 4/11 (OSNZ cen), 35 between bridges on 7/4, the largest number recorded here in the last few years (PWT, CFM *et al.*), 21 on 5/5 (M&PWT), 3 on 30/6; Waitangi E-Tukituki E, 4 on 4/11 (OSNZ cen), 32 on 20/5 (KVT), 19 on 26/5 and 30/6 (M&PWT, OSNZ cen). Fernhill, c8 km inland, 3 over vineyard close to Ngaruroro R, seen fairly frequently late March-early April (JGH). Porangahau, 6 on 3/11 and 29/6 (OSNZ cen). [Wr] Onoke Spit, 26 occupied nests in colony on 29/10 (CES). [W] Waikanae E, 26 on 12/8 (AJT). Porirua H, 3 juvs on 24/3 (MP).

WHITE-FRONTED TERN *S. striata*

[FN] Walker I, Rangaunu H, c100 on 6/1 (some nesting), 900 on 26/3 (RJP). Waimango Swamp, Karikari Pen, 220 on 27/1 (GNG). [N] Paihia, 200 on 15/4, 178 on 18/4 (EW). Port Whangarei, 52 on 23/9, 5 on 4/5 (GNG). [A] Taporā, nesting colony of c800 prs on 16/11 had vacated by 22/1 (MJT), 65 on 23/2 (GNG). Muriwai B, 85 incubated nests on mainland + 45 more on stack on 18/11 (AJT). [SA] Port Waikato, 128 on 27/4 (DJ&PJA). Miranda, 60 displaying on 13/9 (BHS), 650 on 22/10 (PJA), no nests seen on 14/11 and did not breed all season (AJG), 500 on 28/12 (PFB). Otautu Bay, 200 on 17/2 (BHS). Colville, 83 on 7/3 (AV&JVP). [Wk] Ruapuke, 57 on 14/4 (FN, WIR). [BP] Karewa I, c20 feeding offshore on 24/11; Papamoa B, 22 roosting on beach on 17/11; Little Waihi, c20 roosting on 17/2 (PCL). Tarawera R mouth, c350 on 18/5, c150 on 25/5, c100 on 26/5 (RMW, KLB, GG&LJB). Rangitaiki R mouth, 10 on 28/4, 70 on 18/5, c220 on 2/6 (PCL, RMW, WMH). Ohope Spit, 20 on 6/11, 309 + 2 chicks on

1/1, c400 adults + c50 downy chicks and many fledged juvs on 10/2, c100 on 18/5 (WMH, PCL). Waitahi E, 8 on 1/11; Waioeka E, 65 on 1/11, 16 on 20/5; Waiaua E, c300 on 20/5; Motu R mouth, c250 on 30/10 and 27/5 (WHS). [G/W] Portland I, c1300 birds present and c700 nests containing 1 or 2 eggs on 10/11 (OSNZ group). [M] Manawatu E, c1180 on 24/2 (AJT, BAT), c200 on 29/3 (JLM). [HB] Napier, Marine Parade, 64 on 27/4, c200 on 2/6 (M&PWT). Waitangi E, large numbers at Waitangi Spit (a former breeding colony) on 7/10, 30 on 4/11, none on 30/6 (M&PWT, OSNZ cen). East Clive, 19 on 4/11 (OSNZ cen). Tukituki E, 6 on 28/8 and many later at Black Bridge, 280 on 4/11, many at nesting site at Black Bridge with Black-billed Gulls, but probably did not nest this season (CFM, OSNZ cen). Black Reef, Cape Kidnappers, a big colony of adults and young on 18/1 (R&TAS). Porangahau, 2 on 3/11, none (unusual) on 29/6 (OSNZ cen).

SOOTY TERN *S. fuscata serrata*

[T] Cape Egmont, 1 freshly dead on 19/8 (DGM, JCM).

NEW ZEALAND FAIRY TERN *S. nereis davisae*

[N] Waipu E, 1 pr nested, first nest abandoned, second nest with 2 eggs by 11/12, pr sharing nest duties on 30/12, changing at 15 minute intervals and chasing off Variable Oystercatchers, both eggs hatched on 31/12, both fledged on 20/1 (1 chick was c/b) (NH, GRP, GNG, RJP). [A] Mangawhai Res, pr raised 1 chick (MJT). Kaipara H, 8 on 2/6 at Walker I, including sighting of chick banded at Waipu E (RJP). Taporā, 2 on 31/1 (SPC).

EASTERN LITTLE TERN *S. albifrons sinensis*

[FN] Houhora H, 1 on 5/1; Walker I, Rangaunu H, 61 on 6/1, 60+ on 26/3, many feeding over Rangiputa Bank (RJP). [N] Whangarei H, between 2-9 birds seen from 18/11 to 30/4 at Port Whangarei and Portland, 6 on 3/1, max 9 on 3/2 (GRP, GNG, MT). [A] Taporā, 1 on 2/3 (GNG). [SA] Kidds, Karaka, 9 on 1/1 (JU). Miranda, 1 on 22/10 (PJA), 3 on 22/11 (PMS), 4 on 28/12 (PFB), 5 on 23/1 (AVP), 4 on 22/2 (RBS, TGL), 3 on 23/3 (DAL, KH). [M] Manawatu E, 1 on 27/10, 2 on 10/11 (IS). [HB] Porangahau E, 2 on 29/6 (OSNZ cen).

CRESTED TERN *S. bergii*

[W] Pukerua Bay, 1 on 29/9 (AM, JW).

NEW ZEALAND PIGEON *Hemiphaga novaeseelandiae*

[FN] Oturu, near Kaitia, 3 on 15/7 (MCH). [N] Hen I, 1 fledgling seen on 3/1. Had a pale yellow/orange bill, drab colouring of dull olive-green on head and wisps of down on neck and mantle. Flight was weak (GAT). [SA] Red Mercury I, at least 3 present from 10-17/10, seen on houpara and kowhai trees (GAT). [Wk] Pirongia, Corcoran's Rd to Bald Spur, 2 on 2/9 (BHS). Porewa Stm, common in willows on 6-7/10 (AJT). Kaimai/Mamaku CP, Dubbo Crk, present on 15/5 (KLO). [BP] Maketu, 1 flying over estuary on 19/5 (JHS). Te Puke, 2 feeding on red guavas in No.3 Rd orchard on 5/6 (PCL). [T] New Plymouth, 1 on 2/9 eating kowhai flowers and leaves (DGM). [M] Palmerston North, 1 perched on telegraph pole on 18/4 (HOE). [HB] Boundary Stm Res, NW of L Tutira, present on 5/1 (CFM, JGH). Mangaharuru Range, 5 on 9/3 (KVT). Kaweka SFP, none seen during 7 day tramp on 21-28/1; Blowhard Bush, 8-10 on 4/3 feeding on supplejack

berries, 16-17 sightings in 2 hours but some birds may have been seen more than once (R&TAS). Te Awanga, 5 in village on 17/3 (BMT). Havelock North, in village, 3 visiting in plum season from 25/12 (regular visitors at that time as well as winter), 1 on 11/2 in same garden feeding on fruit of cabbage tree (FET). Central Ruahines: Master's Shelter, present on 1/1 (CFM, JGH); Triplex Hut, 1 on 14/4 and 1 on track above on 27/4 (CFM *et al.*). [W] Heretaunga, 1 eating kowhai leaves on 4/8; Normandale, 1 moulting tail killed by predator in March (AJT).

ROCK PIGEON *Columba livia*

[M] Foxton, 3 on water tower on 14/4 (MO). [HB] Ahuriri E, 7 on 4/11 (OSNZ cen). Awatoto, c300 on 5/10 feeding in maize stubble (KVT). Napier/Taihapa Rd, opposite Okawa Station, a huge flock estimated at 500+ in maize stubble on 19/6 (BMT). [W] Island south of Wairaka Pt, 4 present + signs of a regular roost on 15/7 (AJT).

BARBARY DOVE *Streptopelia roseogrisea*

[A] Mangere SP, a single bird resident with Spotted Doves could usually be seen (MJT, OSNZ group). [HB] Hastings, 1 bird in city on 15/8 on telephone wires (MTC). In addition to the established colony near Havelock North (CSN 1989/90) a second colony has formed 5 km north at a nursery in Otene Rd. Birds nested in casuarina hedge during spring '90 (JGH).

SPOTTED DOVE *S. chinensis*

[SA] Clevedon, calling incessantly, 7 on 12/2 (AJG). Deery Rd, Matingarahi, 1 on 5/3 (BJS). [BP] Waikino, 1 heard then seen on 29/5 (BC). Te Puke, No.3 Rd, heard doves calling in kiwifruit orchard shelterbelts but they were very secretive on 27/7, heard frequently over following weeks but first positively identified on 12/12. No one else in the area was aware of their existence until I drew attention to them. Heard again this winter on 24/6 and seen on 26/6 (PCL).

SULPHUR-CRESTED COCKATOO *Cacatua galerita*

[A] Waiatarua, 7 on 5/12 (ACR). [SA] Waiuku pine forest, 4 on 27/4 (DJ&PJA, PH). Shepherds Bush, Aka Aka, 1 reported on 3/12 (DAL). [Wk] Otorohanga, 1 drinking at cattle trough in evenings on 28/1-2/2 (DJR). Koromatua, 30 in gum trees on 6/5 (MML). [BP] Te Puke, No.1 Rd, flock of 15 reported on 1/8 (per PCL). Rangiuru School, 3 seen on 13/8 (RL). Te Puke, 8 reported from farm inland of Te Puke on 21/2 (per PCL). [HB] Havelock North, 5 birds still at Arataki Apiary on 13/10 (JRB), 2 on 26/6 on western outskirts of town flying along line of river towards Hastings (NAP), 4 roosting in poplars on eastern side of Tukituki R below Te Mata Peak (BMT). [W] Waikanae, 15 in Norfolk pine on 8/1/90 (Evening Post), 2 on 9/3 (AM, JW), c12 reported by S.Brow on 1/6, calls heard on 30/6 (AJT). Paekakariki Hill Rd, c5 reported on 24/4 (per AJT). Pauatahanui, 5 in Aug (per WL). Stokes Valley, 1 on 9/9, calling in flight (WL). Wainuiomata, Moors Valley Rd, c12 reported by E.Wood on 15/10; Normandale, 10-15 reported by R.Allen on 12/2, apparently present for at least 8 years; Eastbourne, 4 reported on 21/6 (per AJT). Seatoun, 3 on 27/6 (PB). Rimutaka SFP, 2 on 28/12 (GB).

NORTH ISLAND KAKA *Nestor meridionalis septentrionalis*

[FN] Puketi SF, Bramley's Ridge, 1 heard on 28/9 and 8/11 (GRP). [N] Waipoua SF, June-Dec, only 2-3 sightings in spite of extensive observations (RJP). Parua Bay, up to 7 reported on 15-31/7; McLeod's Bay, 1 reported on 27/6; Bream Head SR, 3 reported present for 2-3 weeks by A. Gardiner, 1 heard on 8/1 (per GRP). Lady Alice I, 1 heard on 25-26/2 (GRP). Tangihua Range, 1 reported on 23-24/10 by A. Gardiner (per GRP). Eastern Northland, especially Whangarei, many sightings by DOC staff in winter (RJP). [A] Mangawhai Heads, 1 reported on coast on 23/10 (GRP). Titirangi, 2 during June (GJM). [SA] Glenbrook, pr reported on 9/10 have apparently been in area for several months (VMR). Red Hill, Papakura, 1 stayed for 5 days (BB). Papa Aroha, 4 reported on 14/9, said to be in area several days (AVP). Red Mercury I, 1 calling on 11/10, probably same bird heard later that evening in Shag Valley, 1 heard on 31/3 in flight over Von Luckners Cove (GAT, AJT). [Wk] Tahuna, 8 on 2/8 (PJT). Gordonton, 2 on 4/5 flying north (DJR). Hillcrest, 1 on 8/8 (FN). Rotoorangi, 1 in kahikatea bush on 17-24/5 (PMG). [BP] Sentinel Rock, Kaimai-Mamaku CP, 2-3 on 9/4/90 (GR T14 621943) (M. McColl per KLO). Esdaile Rd, Pahoia, 1 on 13/4 broke its neck flying into a window, 1 on 12/6; Tauranga, 1 seen frequently in various parts of the city in June. Seen eating persimmons in residential garden and roosting each evening in a tall tree in Selwyn Street; Welcome Bay, 3 on 20/6/90 (per KLO). Pyes Pa Rd, 1 on 8/8 (JM). No.4 Rd, Te Puke, pr on 15/9; Maketu Rd, 1 on 9/7 (GR V14 106746) and 24/8 (GR V14 112740) (per KLO). [VP] Opuiaiki Ecological Area, Kaimai-Mamaku CP, 2-3 on 13-14/10 (DOC staff per KLO). Whirinaki CP, numerous near Whirinaki R Falls and around Central Whirinaki Hut on 24-26/4 (KLO). [T] Barrett Lag, New Plymouth, 1 on 19/1; Mangamingi, 1 on 18/8 (DGM). [M] Ashhurst, 1 seen on farm for several months. Found dead in Feb (DOC). [HB] Kaweka SFP: entry in Makino Hut log, "Nov '90 - 2 seen together"; Makino Track, 1 on 25/11; Makino Hut, 2 on 31/12; Ten birds including a group of 5-6 were seen during a Kaweka tramp on 21-28/1 (R&TAS). Wakarara Range, seen and heard on 6/10 in Makaroro R/Gold Crk area (JRB). Central Ruahine Range, 1 on 27/4 on Armstrong Saddle Track (CFM, JGH).

EASTERN ROSELLA *Platycercus eximius*

[FN] Motuopao I, 2 on 15/11 (RJP). [SA] Coromandel, 2 on 9/9 (EEP). [Wk] Karapiro, 3 eating casemoths on 5/9 (TBT). Dubbo Crk, northern Kaimai Range, several on 15/5; Dickey Flat Rd, Waitawheta Stm, seen in open farmland by forest edge on 15/5 (KLO). [T] Upper Plymouth Rd, New Plymouth, 2 on 17/6, first there since 1989 (RWB). Kaitake Golf Course, Oakura, 5 on 4/5 (GFB). Uruti, 1 on 20/7 (WBM). [M] Kimberly Res, Levin, 5 on 7/9 (MO). Otaki Forks, 9 on 23/2 (KO). [Wr] Mt Bruce, 2 on 27/4 (AM, JW). [W] Kaitoke, 2 on 5/4 (RB). Heretaunga, common on 4/8 (AJT).

RED-CROWNED PARAKEET *Cyanoramphus novaezelandiae*

[FN] Mt Whangatauatia, Herekino, 2 reported (photographed) in early Jan (GRP). [N] Waipoua SF, 1 in Sept perching in Tane Mahuta (RJP). Hen I, 1 hybrid seen in Lighthouse Bay on 30/12. Had red forehead with distinct orange patch 1 cm wide nearest crown and a red patch behind eye

(GAT). [SA] Red Mercury I, widespread and common on 10-17/10 (GAT).

PARAKEET sp. *Cyanoramphus* sp.

[N] Hen I, 1 (probably Red-crowned) seen twice on 4/1 chewing capsules of NZ flax and then eating seeds (GAT). [BP] Te Puke, 1 on 13/1 in Ottawa St (per KLO). [VP] Whirinaki CP, 1 near Plateau Hut, near the native vegetation/exotic forestry interface on edge of Kaingaroa SF on 24/4 (KLO). [T] Uruti, 2 on 20/7 (WBM). [HB] Kaweka SFP, 2 at Makino Hut on 31/12, 4 seen and many more heard during a tramp on 21-28/1 (R&TAS). Central Ruahine Range, 1 seen and heard on 14/4 at Triplex Hut (M&PWT).

SHINING CUCKOO *Chrysococcyx lucidus*

[FN] Puketi SF, first bird heard on 27/9 (GRP). [N] Waipoua SF, first heard on 27/9 (PA). Mt Denby Golf Course, first heard on 22/9 (GNG). Lady Alice I, 1 seen sunning itself but did not call on 26/2 (GRP). [A] Jordan's Farm, Kaipara H, heard in willows on 4/11 (GNG). Titirangi, first records on 16/9 (M&SG). Waiheke I, first heard on 20/9 (DP). [SA] Clevedon, first full song heard on 14/9, 1 being fed by Grey Warbler on 2/2 (AJG). Preece Pt, Coromandel, 1 on 12/10 (EEP). [Wk] Hamilton, 1 heard on 15/10 (SC), 7 regularly visiting silver dollar gum through Nov (ASR). [BP] Katikati, 1 caught by cat, was released unharmed on 27/3 (BC). Kutarere, 1 on 7/11 (WMH). [T] New Plymouth, first heard on 29/9 (DGM). Kaimiro, first heard on 25/9 (EW). Te Popo, Stratford, first heard on 20/9 (JEM). [M] Foxton No.1 L, 1 on 18/11 and 23/12; Round Bush, 1 on 1/1 (JLM). [HB] Te Awanga, first heard on 23/9 (BMT). Calling in several farmland and bush localities throughout Oct (MTC). Lawrence Hut, near confluence of Donald/Tutaekuri Rivers, several heard on 13/10 (M&PWT). [W] Tawa, heard calling on 28/9 (DS). Lower Hutt, heard on 5/10; Ngaio, heard on 7/10; Central Wellington, heard on 14/10 (AJB).

LONG-TAILED CUCKOO *Eudynamis taitensis*

[N] Tawhiti Rahi I, Poor Knights, 1 heard at 0030h on 14/3 and 1 seen and heard on 19/3 (GRP, PM). [SA] Clevedon, 1 on 28/2 then 2 on 29/2 calling repeatedly (AJG). Awhitu Pen, 1 flew in through open window then out again on 1/3 (VMR). [VP] Pureora, 1 chased by Welcome Swallow on 31/12 (RG). [T] Pukeiti Rhododendron Trust, 1 on 26/12 and 10/2; North Egmont, 2 on 1/1 (DGM). Ihaia Track, Mt Egmont, 1 on 24/11 (ALE). [Wg] Wanganui, Watershed Rd, 1 calling persistently from tree, flew off still calling and joined another (RAC). [M] Levin, 1 calling from shrubbery (MO). Palmerston North, calling from suburbs on 26/10 and 3/11 (RG, RSG). [HB] Boundary Stm Res, present on 5/1 (CFM, JGH). Kaweka SFP: 3 heard in different places near Makino Hut on 25/11; 1 seen, others heard during tramp on 21-28/1 (R&TAS). [W] Mt Climie, 1 being fed by Whiteheads on 6/4 (AM, JW).

MOREPORK *Ninox novaeseelandiae*

[FN] Maungataniwha Range, 1 heard calling 30 min after sunrise on 15/4; Omahuta SF HQ, several heard every night on 14-17/4 (GRP). [N] Waipoua SF HQ, 1 catching moths around outside light on 10/9; Lady Alice I, 2 flushed during the day and many heard at night on 25/2 (GRP). [SA] Red Mercury I, common and widespread, at least 10 different birds heard

and total population probably 10-20 prs. One bird incubating 2 eggs on 11-17/10, in hollow at base of large pohutukawa (GAT). [BP] Mayor I, 1 calling in Western Bay on 9/2 (CH). Katikati, a nest in hollow dead ponga found late Oct, less than 2 m above ground, 1 young fledged on 12/12 (BC). [M] Round Bush, 1 heard on 1/1 (JLM). [HB] Hastings, 1 on 23/8, at inner city supermarket building site when workers arrived in morning, undisturbed by traffic noise and building activity around it (MTC), 1 in city garden on 20/10 was located in daytime because of a 2-hour-long Blackbird alarm call (KVT). Havelock North, 1 in daytime in garden on 1/4 (FET). Te Awanga, 1 heard at 2300h on 3/7, called continuously for c15 min (BMT).

AUSTRALIAN BARN OWL *Tyto alba delicatula*

[T] New Plymouth, 1 found dead on 17/8, now in Taranaki Museum (REL).

SPINE-TAILED SWIFT *Hirundapus caudacutus*

[W] Waikanae B, 1 dead c3 days in fresh plumage with quite worn back feathers on 15/12. Pale forehead and lores suggest subspp. *caudacutus*, black tips to undertail coverts suggest juv (AJT).

KOOKABURRA *Dacelo novaeguineae*

[A] Omaha, 1 heard on 22/1 (MJT). Goldies Bush, 2 heard in Sept (JES). Occasional records from NE part of region (BJE).

NEW ZEALAND KINGFISHER *Halcyon sancta vagans*

[BP] Tuapiro Pt, Tauranga H, 28 on 16/6 (JRP). [HB] Ahuriri E, 4 on 4/11 and several nest holes (one current) in clay banks at pumphouse (M&PWT), 73 on 30/6 (OSNZ cen), always numerous in winter but 73 is more than double the highest previous number recorded in the last 5 years (MTC). Waitangi E/East Clive, 1 on 23/5 pursued by Welcome Swallow (KVT), 3 on 30/6; Porangahau E, 17 on 29/6 (OSNZ cen).

NORTH ISLAND RIFLEMAN *Acanthisitta chloris granti*

[Wk] Northern Kaimai Range, 1 seen near Dubbo Crk on 15/5 (KLO). [Wg] Whakapapa, abundant in beech forest on 10/3 (AJT, PFB). [HB] Kaweka SFP, Makino Track, 11 on 25/11 and very numerous around Makino Hut on 31/12, many seen throughout park on 21-28/1, also present at Little's Clearing (R&TAS, CFM). Ruahine Range, numerous near Triplex Crk on 14/4 (OSNZ group). Observed in many areas in western foothills and ranges, and in eastern Maraetotara Hills/Mohi Bush SR (MTC).

SKYLARK *Alauda arvensis*

[FN] Rarawa Rd, Aupouri Pen, 26 in ones and twos along dusty road on 19/6 (AJB). [M] Moutoa, 25 on 1 km of road between stopbanks on 21/10 (JLM).

WELCOME SWALLOW *Hirundo tahitica neoxena*

[A] Seen to harass a Wrybill (ACR). [SA] Red Mercury I, 3 on 31/3, 5 on 1/4 (AJT). [BP] Mt Maunganui, 1 with a Fantail catching swarming insects in the lee of a large warehouse on the wharf on 22/8. Both birds were doing fast, level passes the full length of the building (c150 m) at gutter height; Otamarakau, 100+ hawking over Waitahanui E, sitting on the adjacent beach and a nearby fence on 18/5; Thornton Lag, 100+ hawking insects at the western end on 1/7; White I, 2 seen heading from the island

to the mainland during return boat trip on 24/3 (PCL). [T] Holly Hut, Mt Egmont, 13 on 14/2 (CL). Widespread throughout region (DGM). [M] Foxton No.1 L, 100+ on 22/7 (JLM). [HB] Ahuriri E, 24 on 4/11, 535+ on 30/6 (OSNZ cen), during census on 30/6 500+ within 1 km stretch of water at the top end of estuary, flying at low levels over water (ACS, MTC). North Pond, flock of 50+ hawking over pond on 2/6 (M&PWT). Waitangi E/East Clive, large numbers on 7/7 in early morning hawking over coastal channels, c50 in one concentrated flock (M&PWT), 22 on 4/11, 120+ on 30/6; Tukituki E, 20 on 30/6; Porangahau E, 6 on 29/6 (OSNZ cen).

NEW ZEALAND PIPIT *Anthus novaeseelandiae*

[FN] Motuopao I, nest on 1/11 (RJP). [N] Whangamumu, 2 on grassy field on 26/1; Portland Cement Works, 3 on 12/5 (AJB). Hen I, 2 on shoreline rocks at eastern end on 3/1 (GAT). [A] Bethell's B, 9 on 15/9 (GJM). [Wk] Waikorea, 3 on 18/5 (ASR). Ruapuke, 3 prs on 14/4 (WIR, FN). [BP] Otamarakau, 1 at river mouth on 18/5 (PCL). Thornton Lag, 1 on 22/6; Whangaparaoa E, 1 on 14/5 (WMH). [G/W] Pouawa Stm, Gisborne, 4 on sandspit on 4/4 (GAF). [T] Omata, 1 on coastal dunes on 13/4 (REL). New Plymouth, Upper Plymouth Rd, 2 on 19/7 (RWB). [M] Moutoa, 1 on 26/12 and 15/6 (JLM). Levin, southern end Arapaepae Range, 2 on logging track on 14/3 (MO). Otaki Forks, on road in flocks of 5-10 on 23/2 (KO). [HB] Ahuriri E, 1 on road on 21/4 (CFM, JGH), not often reported here (MTC). Te Awanga, 1 on 2/12 feeding beside Maraetotara Stm, bird would run several metres with wing flapping then stop and peck (BMT). Cape Kidnappers, 4 on 14/5 (KVT). [W] Mt Climie, 9 on 6/4 (AM, JW). Te Rewarewa Pt, 2 on 15/7 (AJT).

HEDGE SPARROW *Prunella modularis*

[N] Onerahi, 1 singing on 18/7 (PA). [Wk] Pirongia, Corcoran's Rd bush edge, 3 on 2/9 (BHS). [BP] Te Puke, No.3 Rd, at least 3 males singing in c100 m of kiwifruit orchard shelterbelt on 2/7, males "tinkling" but not yet in full song on 16/6; Kaituna Cut, 1 male in full song on 28/7 (PCL). [HB] Napier, first song heard on 7/7, 1 singing at 2140h and 0140h on 26-27/11 (M&PWT). Hastings, 1 singing on 10/7 (MTC).

BLACKBIRD *Turdus merula*

[N] Onerahi, 1 bird in full song on 1/6, full song on 16/7 (PA). [A] Orakei, first song on 2/6 (MJT). [Wk] Pirongia, Corcoran's Rd to Bald Spur, 2 on 2/9 (BHS). [T] New Plymouth Airport, 1 pure white bird present from at least April '91 onwards (IDH). [HB] Hastings, a partial albino female with white primaries and wing coverts seen on 18/8, male eating Indian hawthorn (*Raphiolepis*) berries on 10/5 (KVT), bird in full song in March '91 in city garden - very early in year (MTC). [W] Karori, 1 swallowing 15 mm diameter exotic *Fuchsia* fruit on 3/2 (AJT).

SONG THRUSH *T. philomelos*

[N] Otangarei, first song on 3/5 (TT). Onerahi, precalling on 27/4, first full song on 10/5 (PA). [A] Orakei, first song on 25/4 (MJT). [Wk] Hamilton, singing on 5/5, in full song on 14/5 (SC). [BP] Papamoa, singing rather half-heartedly on 17/4, full song on 6/5 and hence daily; Te Puke, No.3 Rd,

an all grass nest, no mud and/or wood pulp lining, containing a clutch of 3 eggs found in kiwifruit vine on 18/12 (PCL). [HB] Hastings, full song in city garden on 22/3 and in another garden in March also. Considerably earlier in year than usual (KVT, MTC).

NORTH ISLAND FERNBIRD *Bowdleria punctata vealeae*

[FN] Pickmere Channel, Kerikeri Inlet, 2 heard in saltmarsh and manuka on 2/4/90 (GRP). L Owhareiti, 2 in reeds on 27/9 (PA). [N] Waikare Inlet: Owae Stm and Karetu R, 8+ heard in saltmarsh on 2/3/90; Waihaha Stm, 3 heard on 2/3/90; Clendon Cove, 2 heard on 20/2 (GRP). Parekura Bay: Wairoa Stm, 2 seen, 3 more heard on 20/2; Puhinui Stm, 2 heard on 20/2 (GRP), 1 in same spot May-July (AJB). Whangamumu, 3 on 26/1, 100m north of track entrance (AJB). Avacado Rd, Maungatapere, 2 in June '90 (DH). Takahiwai, 5 heard in brackish saltmarsh and manuka on 4/3/90; Ruakaka E, 1 on southern side on 30/1, the first time seen here (none seen in over 20 previous visits); Whakaki R, Kaipara, 2 heard dueting on 22/2 (GRP). [SA] Whitianga, 1 heard on 28/7, 1 seen on 8/9 and 22/9, 1 seen and 1 further heard on 9/3 (MBM). Meremere, 3 prs seen on 26/8 (DJ&PJA, PH). Kairito, Waitakaruru, heard on 1/6 (PJA, RJP). [Wk] Torehape Peat Dome, common on 13/10 (BHS). [BP] Waikareao E, Tauranga H, 1 on 1/1 (KLB). Ohope Spit, 1 on 22/9; Ohiwa H, 3 at Wainui Rd SP on 7/11 (WMH). Waioeka E, up to 10 seen in reedbed on Huntress Crk on 5/11 and birds were sighted on a number of visits made between then and 5/1 (WHS). [VP] Whakarewarewa SFP, Reservoir Rd, 1 bird calling and 2 birds seen on 20/5 (KLO). [T] Mohakatino, heard on 22/5 (ALE). Mt Dampier, 3 on 8/9 (WBM). Te Wera SF, several on 15/9 (DGM *et al.*). Poetama Swamp, East Egmont, 2 heard on 24/2 (KSB). [Wg] Moumahaki L, (GR. R21 533673) and unnamed L (GR. R21 549689), birds responded to Spotless Crake tapes at both sites on 30/1 (CCO). [M] Foxton No.1 L, 1 on 16/9, 18/11, 23/12 and 1/1 (JLM). [HB] Mokamoka Rd, Waikoau SF, 4 on 5/1 in small area of raupo (CFM). Puketitiri, birds reported to be in good numbers at Hot Springs Rd on 10/2 (JRB). Kaweka SFP, 7 heard in different areas on Makino Track on 25/11 and many heard near Makino Hut on 31/12, none seen on tramp on 21-28/1 (R&TAS), 1 in scrub outside MacIntosh Hut on 2/2 (BS). Ruahine Range, birds are in significant numbers in some northern parts of range at altitudes towards 1100 m from Big Hill Station up towards No Man's Hut (JWC).

WHITEHEAD *Mohoua albicilla*

[Wk] Pirongia: Western Track, 12 on 14/9 (PDC); Te Kihi Track, 15 on 27/2 (SC). Te Kauri Res, flock on 30/8, first record for the reserve in many years (WIR). L Waipapa, 1 singing in willow beside highway on 23/8 (RSS). Dubbo Crk, northern Kaimai Range, several on 15/5 (KLO). [VP] Mangaroa Stm, Kaimai/Mamaku CP, several on 19/3 (KLO). [T] Pukeiti Rhododendron Trust, flock of 12 on 10/2 accompanied by Fantails, Grey Warblers and Silvereyes, another similar flock on 30/6. The species has noticeably increased in this area over recent years (DGM). [HB] Bellbird Bush SR, present on 5/1 (CFM, JGH). Kaweka SFP: Makino Track, 3 on 25/11 (R&TAS); Little's Clearing/Makahu Hut, present on 26/12 (CFM). Blowhard Bush Res, birds heard on 13/10; Lawrence Hut, 6 seen on 13/10

(M&PWT). Fernbird Bush, 10-15 near road on 26/6 (JRB). Boyd's Bush SR, numerous on 14/10 (KVT). Ruahine Range, 4-6 in beech near Triplex Hut and a small group higher on Armstrong Saddle Track (OSNZ group).

GREY WARBLER *Gerygone igata*

[Wk] Pirongia, Corcoran's Rd to Bald Spur, 7 on 2/9 (BHS). [HB] Napier/Taihapa Rd, many on 14/10, 1 had small ball of fluff in bill, lost it, retrieved it in mid-air and flew away with it (KVT). Still plentiful throughout region and many in Kaweka SFP (TAS, CFM *et al.*). [W] Mt Climie, 23 counted on 6/4 (AM, JW).

NORTH ISLAND FANTAIL *Rhipidura fuliginosa placabilis*

[N] Tawhiti Rahi I, Poor Knights, only c10 seen on 13-21/3 (GRP, PM *et al.*). [Wk] Pirongia, Corcoran's Rd to Bald Spur, 6 on 2/9 (BHS). [BP] Te Puke, No.3 Rd, abundant in kiwifruit orchards June-Aug (PCL). [T] New Plymouth, pair on 2/9 gathering nest material (DGM). [HB] Taradale, in winter '90, birds unusually numerous at Waiohiki Golf Course and on all sections of course instead of usual 2-3 favoured places. Many throughout region (MTC). [W] Mornington, 1 black Fantail on 10/3 (WL). Botanical Gardens, 1 on 19/6 with no tail but quite manoeuvrable (AM).

NORTH ISLAND TOMTIT *Petroica macrocephala toitoi*

[FN] Sweetwater, 1 male on 10/4 heard singing in manuka, many km from 'normal' habitat south of Kaitaia (GRP, PM). [N] Waipoua SF, 1 male in Tane Mahuta on 23/2 (HGS). [Wk] Pirongia, Corcoran's Rd to Bald Spur, 8 on 2/9 (BHS). [HB] Kaweka SFP, reports from several parts of park, fairly numerous sightings on tramp on 21-28/1 (R&TAS, CFM). Ruahine Range, present on Armstrong Saddle Track on 27/4 (CFM, JGH).

NORTH ISLAND ROBIN *P. australis longipes*

[BP] Te Puke, a male heard singing in bush gully between kiwifruit orchards, well up No.3 Rd on 21/3 (PCL). [VP] Mangaroa Stm, Kaimai/Mamaku CP, common on 19/3 (KLO). Pureora SFP, 3 with 1 chick being fed (RSG). [HB] Kaweka SFP: 2 on tramp on 21-28/1, 1 seen, 2 heard on 31/3 in MacIntosh Hut area (R&TAS), 3 on 2/2 near Kuripapango Ls carpark in exotic forest (BS). Fernbird Bush, 1 by stream (JRB).

SILVEREYE *Zosterops lateralis*

[Wk] Pirongia, Corcoran's Rd to Bald Spur, large flocks on 3/9 (BHS). [BP] Kauri Pt, a small group of 8-10 feeding on pastureland, working their way through grass and weeds with a flock of c100 finches on 6/6 (BC). Te Puke, No.3 Rd, a number of nests found in kiwifruit vines on 5-6/2 (PCL). [HB] Kaweka SFP, still abundant on 21-28/1 (R&TAS). Boyd's Bush SR, numerous on 14/10 (KVT). [W] Waikanae, 1 feeding from *Grevillea* flowers on 22/7 (AJT). Vogeltown, 25 in a flock feeding (AKB).

BELLBIRD *Anthornis melanura*

[FN] Waima SF, 1 reported seen eating fruit on 12/8 (GRP). [A] Waiheke I, 60 birds released into three areas (ML). [SA] Red Mercury I, 1 eating mapou fruit on 31/3 (AJT, GAT). [Wk] Pirongia, Corcoran's Rd to Bald Spur, 6 on 2/9 (BHS). Northern Kaimai Range, present around Dubbo Crk on 15/5 (KLO). [BP] Te Puke, No.3 Rd, a dawn chorus of song

heard coming from eucalypt shelterbelts in kiwifruit orchards on 21/7 (PCL). Whale I, numerous on 11/11 (WMH). Kawerau, seen about the town throughout the year, now common (RMW). [VP] Mangaroa Stm, Kaimai/Mamaku CP, present on 19/3 (KLO). [T] Pukeiti Rhododendron Trust, several feeding on Fuchsia nectar on 10/1 (DGM). [HB] Holt's Res, Waikoau, 2 on 2/9 taking nectar from Grevillea flowers; L Opouahi, numerous in forest on 29/5 (KVT). Kaweka and Ruahine SFP, still present (R&TAS). Napier/Taihape Rd: Blowhard Bush SR, several seen and heard on 13/10 (M&PWT); Fernbird Bush, many present on 26/6, 4 heard calling at once (JRB); Boyd's Bush SR, numerous on 14/10 (KVT). Havelock North, 2 in village garden (first sighting in garden) on 1/4 (FET). Kopua, occasional sightings of single birds on farmland in last 4-5 years but not in that area for many years previously (MTC).

TUI *Prothemadera novaeseelandiae*

[FN] Kumi Rd, Awanui, 14 prs in Aug-Sept in flame trees (MCH). [N] Rawhiti, pr with 2 young on 18/5-15/6; Russell SF, pr with three-quarter grown young on 29/3 (AJB). [A] Kauwahaia I, feeding from karo flowers on 25/8 (GAT, AJT, PS). Casnell I, several feeding from kowhai flowers (AJT). [Wk] Pirongia, Corcoran's Rd to Bald Spur, 2 on 2/9 (BHS). [BP] Te Puke, No.3 Rd, numerous in kiwifruit orchard shelterbelts and residential gardens throughout year. One or both members of a pr watched collecting dry grasses with which to line a nest being built 9 m up in a poplar tree shelterbelt in kiwifruit orchard on 12/12 (PCL). [T] Barrett Lag, New Plymouth, pr commencing nest c4 m up in crown of mapou on 20/10 (DGM). New Plymouth, 1 feeding from Formosan cherry flowers on 28/7 (AJT). [HB] Boundary Stm SR, present on 5/1 (CFM). Holt's Res, Waikoau, 2 taking nectar from rhododendron flowers on 2/9 (KVT). Te Pohue, 2 at 'Trellinoe' Gardens eating idesia berries on 19/8 (ARG, ALH, ACS). Kaweka SFP, several summer records of small numbers of birds throughout the park (R&TAS, CFM). Lawrence Hut, present on 13/10 (no Bellbirds at this site) (M&PWT). Still present in many lowland reserves in region. Also seen in open country and some urban areas when feeding conditions are suitable (MTC). [W] Heretaunga, 1 feeding from five-finger flowers on 9/8 (AJT). Karori, Marsden School grounds, 1 on 5/4, 2 months earlier than usual (BAT). Vogeltown, 1 on 12/4 to 6/5, 3 on 20/5 and still present during June (AKB).

YELLOWHAMMER *Emberiza citrinella*

[BP] Te Puke, No.3 Rd, a male perched on a powerline gave two bursts of full song then flew off on 3/8 (a warm sunny day) (PCL). [HB] Napier, 80-100 feeding in Nelson Park on c1-15/9 (M&PWT). Fernhill, arrived for winter at vineyard (JGH). East Clive, several feeding on exposed waterweed near sewer outfall with Chaffinches on 21/7 (M&PWT).

CIRL BUNTING *E. cirrus*

[N] Whangamumu, 1 male in full breeding plumage 100 m from old whaling station on 26/1 (AJB).

CHAFFINCH *Fringilla coelebs*

[N] Hen I, 1 in full song below Baldy on 31/12 (GA&SLT). [A] Orakei,

first song on 28/7 (MJT). [Wk] Pirongia, Corcoran's Rd to Bald Spur, 3 on 2/9 (BHS).

GREENFINCH *Carduelis chloris*

[SA] Cook's B, Whitianga, flock of 15 on 27/3 feeding on seed capsules of *Cakile maritima* on the beach (AJT, GAT). [BP] Maketu Spit, c30 feeding on fruit of *Muehlenbeckia* on 19/5 (PCL). [M] Whirokino, c500 on thistles on 10/3 (JLM). [HB] Ahuriri E, flock of 800-1000 feeding on bare but recently disturbed soil patches in grass field behind estuary on 2/6 (M&PWT). [Wr] Tauherenikau Race Course, 2000+ feeding on seeding turnips in May (BWB). [W] Waikanae SP, dozens on 28/10 (AJT, GAT).

GOLDFINCH *C. carduelis*

[SA] Miranda, flock of 500+ on 19/4 (ACR). [M] Foxton No.1 L, c200 on 22/7 (JLM). [HB] Ahuriri E, large numbers seen during winter in waste land beside estuary (M&PWT). Napier/Hastings, still flocking on 4/9, c50 at Marine Parade and c40 at Te Awa Ave, smaller flocks seen around Hastings until at least 17/10, flocking in April to seedheads of cosmos in Napier City garden (M&PWT, MTC). Sunrise Hut, central Ruahines, c12 on 17/7 just at bushline (1220m asl) (BMT).

REDPOLL *C. flammea*

[FN] Puketi SF, Omataroa Ridge, 3 on road margins on 2/6 (AJB). [T] Pukeiti Rhododendron Trust, flock of 40 on 14/10 (DGM). [HB] Fernhill, numerous in an orchard on 9-10/3 while mistnetting (M&PWT).

HOUSE SPARROW *Passer domesticus*

[N] Hen I, 1 male seen, another bird heard calling at Knights Rock on 3/1 (GAT). [T] Oakura, 1 in Feb seen catching large cicadas, pulling wings off and carrying bodies away (GFB). [HB] Napier, 1 on 6/8 flew out of brown packet lying on Marine Parade as car approached (KVT). Twyford, 1 chocolate coloured bird on 17/7 (JW). [W] Waikanae, 1 eating 10 cm green stick insect, breaking legs off on 23/12; Hataitai, 1 eating cicada on 2/2; Wadestown, 1 eating large cicada on 4/3 (AJT).

STARLING *Sturnus vulgaris*

[N] North of Whangarei, uncommon (AJB). Hen I, 1 at eastern point and 1 on Knights Rock on 3/1 (GAT). [M] Whirokino, 1000+ on power lines on 10/3 (JLM).

COMMON MYNA *Acridotheres tristis*

[N] Hen I, 4 adults seen and 1 nest located on rock stack in Lighthouse Bay on 30/12. Nearby, a dead Myna was found in a thicket of *Muehlenbeckia* with a vine snared around the wing (GA&SLT). [BP] Kawerau, seems to have declined in numbers in the district (RMW). [W] Tawa, 1 first recorded Nov '88, still present on 11/10 and June '91 (DS, AJT). Stokes Valley, 2 on 7/9, new to this area (per WL).

NORTH ISLAND KOKAKO *Callaeas cinerea wilsoni*

[N] Waoku Coach Rd, Matarau SF, 6 prs + several singles in winter-spring '90 (RJP). [Wk] Hauturu Rd North, 2 on 30/8 and 1/9, up to 5, Sept-March, more than have been seen there for some years (WIR). [VP] Pureora SFP, 1 heard near tower lookout by carpark on 4/3 (BMT). [T] Moki SFP,

3 on 29/3 (CL). [Wg] Kaiwhakauka Stm, (GR. R19 225904), possibly present on 30/12 (MP).

NORTH ISLAND SADDLEBACK *Philesturnus carunculatus rufusater*

[SA] Red Mercury I, 1 eating mapou and mahoe fruit on 1/4 (AJT).

AUSTRALIAN MAGPIE *Gymnorhina tibicen*

[FN] Tapotupotu Bay, 1 seen on 1/5 (GAT). Te Werahi Gate, heard but not seen on 21/2 (HGS). [Wk] Dubbo Crk, northern Kaimai Range, present on 15/5 (KLO). [VP] Mangaroa Stm, Kaimai-Mamaku CP, present on 19/3 (KLO). [M] Whirokino, 110 on floodway on 17/11 (JLM).

ROOK *Corvus frugilegus*

[FN] Paua. 1 seen by DOC staff in spring '90 (RJP). [A] Occasional sightings of single bird in West Auckland (MJT, OSNZ Group). [SA] Mangatangi Rd, 20 in top of pine trees on 23/3 (DAL, KH), still 20 present on 28/4 and display chasing; Miranda, Findlay Rd, 100 on 28/4 (DAL). [G/W] Wairoa, 48 flying back to roost at dusk on 6/5. Numbers building up again following poisoning 3 years ago; Raupunga, c60 birds on paddock on 20/1 (GAF). [T] Inglewood, 3 reported on 20/5 are first for that area (REL). [HB] Fernhill, c250 at Swamp Rd on 22/6 (JGH, CFM). Hurimoana Swamp, 4 planing high in air currents and cawing on 22/7 (KVT). Oringi, 200 on 13/3 (KVT). Greatly reduced in numbers a few years ago by poisoning programmes but now reappearing in sizable flocks (MTC). [Wr] Tinui, 95 on 23/3 (AM, JW). [W] Wellington, Kapiti, Masterton, c2000 in 22 different breeding areas (Wellington Regional Council: 1990 Annual Report).