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Classified Summarised Notes. North Island, 1 July 1994 to 30 June 1995

Compiled by G. RICHARD PARRISH¹ and J.W. LOCK²

¹145 Church Street, Whangarei; ²118 The Ridgeway, Wellington, New Zealand

Classified Summarised Notes (CSN) are a selection of observations provided by 204 members and friends of the Ornithological Society of New Zealand (OSNZ). This year observations were received from 11 North Island regions and six members provided individual contributions. No observations were received from Taranaki and Wanganui Regions. The purpose of CSN is to record the results of bird census counts, anecdotal observations of behaviour and to improve our understanding of NZ bird distribution. In general, those observations that do not add to our knowledge of bird distribution as shown in The Atlas of Bird Distribution in NZ are ignored. Nest record observations, band recoveries and beach patrol summaries are covered by other OSNZ schemes and usually are not included in CSN.

Contributors: D. J. & P. J. Agnew, P. J. Anderson, I. G. Andrew, G. N. Arnold, F. E. Bailey, D. G. Baker, K. S. & P. C. Baker, H. W. Banks, R. Batcheler, P. F. Battley, A. J. Beauchamp, J. R. Berry, A. E. Billing, C. Bindon, D. Binney, L. & G. Blackmore, B. W. Boeson, D. F. Booth, P. D. Bovill, J. A. Brierley, P. Brindley, K. L. Buchanan, K. G. Buckley, T. A. Buckley, S. Bull, C. L. Burt, E. K. Cameron, L. Cameron, R. Carmichael, A. B. Challinor, S. P. Chamberlin, S. & A. Chambers, W. Chelley, B. Chudleigh, H. J. Clifford, H. R. Clough, G. Cook, P. Corson, R. N. Cotter, S. D. Cotter, P. M. Cozens, M. T. Craven, H. W. Cresswell, S. E. Cresswell, D. E. & R. Crockett, P. C. Cuming, S. J. Cunningham, S. J. Davies, T. D. Day, T. C. Dennison, M. E. Dowdell, J. E. Dowding, J. V. Driessen, I. & N. Dunckley, G. J. Eller, M. L. Falconer, D. J. Fergusson, K. J. Fisher, M. A. Fleming, G. A. Foreman, B. A. Friend, R. & S. Galbreath, M. P. Galbraith, R. Gamble, A. R. Giblin, A. J. Goodwin, E. Graham, M. S. Graham, G. N. Grant, B. & T. Greene, A. M. Habraken, J. G. Hamilton, T. C. Harington, P. Harrison, T. Harty, T. Hatch, J. A. Hawken, M. J. Holt, J. Houston, G. Hunt, M. Hurst, W. M. Hutton, M. Jeffries, S. W. Jenkins, M. Johnson, C. R. Jowett, B. R. Keeley, J. Kendrick, M. E. King, E. & T. G. Lamburn, A. D. Latham, P. M. Latham, R. Latham, S. Lawrence, D. A. Lawrie, T. G. Lovegrove, I. J. Luke, J. W. Luttrell, M. B. Mackereth, K. McConkey, A. McCutchan, W. & M. McGregor, Y. McKinnon, C. F. McRae, C. M. Madore, J. R. Matthews, I. M. May, P. J. & K. Miller, C. Miskelly, J. L. & M. Moore, C. A. Morris, A. R. Munro, M. Neil, R. D. Neverman, F. Nieuwland, K. Oates, M. Olsen, K. L. Owen, G. R. Parrish, N. C. Peachman, P. F. Penney, R. M. Peers, N. A. Perrot, W. N. Perry, R. J. Pierce, D. L. Pirrie, B. L. Postill, R. G. Powelsland, G. A. Pulham, G. D. Quayle, J. H. Rathnow, P. Reese, W. I. Reid, D. J. & D. W. Riddell, A. C. Riegen, A. S. & J. M. Rowe, V. M. Rutherford, C. E. Scadden, K. Schiska, B. H. Seddon, G. H. Sherley, A. G. Sim, D. M. Sim, L. Simpkin, P. & R. Slack, W. H. Sloan, M. Smith, M. Smith, P. R. Smith, T. A. & R. Smith, J. Snell, I. C. Southey, J. W. Stitchbury, D. M. & B. M. Stracy, G. Suckling, B. M.

Taylor, G. A. & S. L. Taylor, M. J. Taylor, A. J. Tennyson, B. A. Tennyson, P. J. Thomson, W. S. Thompson, R. Thorpe, K. V. Todd, S. Trewick, M. & P. W. Twydale, E. R. Ward, R. Wasley, E. R. Watt, J. Watt, W. A. Watters, R. M. Weston, R. Wheeler, C. Wickes, S. M. Widgery, S. Wilkinson, S. J. Wilkinson, A. V. Williams, D. Wills, B. L. Winmill, D. & M. D. Wong, K. Woodley, B. A. Woolley, J. A. Woon,

Abbreviations: asl above sea level; B Beach; BoI Bay of Islands; chs chicks; c/b colour-banded; E Estuary; FoT Firth of Thames; F Forest; H Harbour; HQ Headquarters; imm/s immatures/s; I Island; juv/s juvenile/s; Lag Lagoon; L Lake; NP National Park; nth North; OP Oxidation Ponds; pr/s pair/s; Pen Peninsula; Pt Point; RP Regional Park; Res Reserve; R River; RM River mouth; sth South; 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; [Wg] Wanganui; [M] Manawatu; [HB] Hawkes Bay; [Wr] Wairarapa; [W] Wellington

NORTH ISLAND BROWN KIWI *Apteryx australis mantelli*

[N] Northland; 194 deaths reported since 1990 attributed mainly to dogs (70%+), vehicles (6%), & a variety of other causes (RJP). Te Uenga Bay, BoI; 1 male on 30/6 (AJB). [BP] Ohope SR; 1 male, 1 female heard on 14/11 (B Dunning per KLO). Opotiki; 1 brought in with damaged toe on 23/9, treated, released on 5/10, 1 brought in blind on 3/3, died on 4/3 (WHS).

NEW ZEALAND DABCHICK *Poliocephalus rufopectus*

[FN] Arethusa cottage lake; 1 on 25-30/1 (AS&JMR). L Rotokawau, Waipapakauri; 4-5 on 27/11 (GRP,GAP), 9 on 7/5 (GRP,GDQ). [SA] Wattle Farm Pond, Manurewa; 1 pr with 3 juvs (2nd brood) on 14/1 (ERW). [VP] Waimangu; 2 on small pond off Rotomahana Rd on 23/3 (S Beadel per KLO). [M] Foxton No 1 L; max. 7 ads, 2 juvs on 5/3. Foxton No 2 L; max. 8 on 28/8. Kerekere Rd, BP 1; 1 on 18/6 (JL&MM). [HB] L Tutira; c4 on 17/7 (OSNZ). Ahuriri E; 11 on 10/6. Waitangi E; 4 on 10/6 (OSNZ cen). L Roto-O-Kiwa; 13 on 28/8 (OSNZ). [Wr] Homebush OP; 6 on 19/4 (CES). [W] Waikanae SP; 97 on 17/4 (AJT). L Kohangatera; 1 on 29/5 (KO).

AUSTRALASIAN LITTLE GREBE *Tachybaptus novaehollandiae*

[FN] L Rotokawau, Waipapakauri; 3 on 27/11 (GRP,GAP), 7 incl. 2 three week old chicks on 7/5, early/late breeders? (GRP,GDQ). [N] Kauri; 2 on dam on 25/3 (GNG,PRS).

WANDERING ALBATROSS *Diomedea exulans*

[G/W] Tolaga Bay; up to 39km offshore, 1-5 regular in Sept/Oct. Gisborne; 39-46km offshore, 2-10 regular in Aug/Sept (GAF).

SOUTHERN ROYAL ALBATROSS *D. epomophora epomophora*

[W] Cook Strait; 1 on 13/8 (AJT,GAT).

NORTHERN ROYAL ALBATROSS *D. e. sanfordi*

[Wr] Rabbit Flats, Tararua Ranges; 1 in early Sept (SJW). [W] Cook Strait; 1-2 on 13/8 (AJT,GAT), 1 on 14/1 (AJT).

ROYAL ALBATROSS ssp. *D. e. ssp*

[BP] Mt Maunganui; 1 ashore with injured leg on 13/3 (PCL).

GREAT ALBATROSS sp *D. sp*

[SA] Manukau H; 1 at end of Aug off Big Bay (VMR).

BLACK-BROWED MOLLYMAWK *D. melanophrys*

[SA] Pauanui; c10km offshore, 1 imm on 31/10 (AJT,GAT). [BP] BoP waters; 1 ad *melanophrys* on 5/7, 7 single sub-ads seen between 6/6/94 & 4/1, 1 ad *impavida* on 21/4, 1 sub-ad on 23/4 (JEH), 1 imm on 24/4 (AJT). [G/W] Tolaga Bay; 9-39km offshore, 1-5 regular in Aug-Oct (GAF). [W] Cook Strait; 9+ ads on 13/8 (AJT,GAT).

WHITE-CAPPED MOLLYMAWK *D. cauta steadi*

[G/W] Tolaga Bay; 39km offshore, 1 on 21/8 (GAF).

SALVIN'S MOLLYMAWK *D. c. salvini*

[G/W] Tolaga Bay; 39km offshore, 1 on 27/8, 9km offshore, 3 on 21/10 (GAF). [HB] Clifton B; 1 fresh wreck on 15/3 (BMT,KVT). [W] Cook Strait; 1-2 on 13/8 (AJT,GAT).

WHITE-CAPPED/SALVIN'S MOLLYMAWK *D. c. ssp*

[M] Foxton B; 1 passing nth on 2/7 (JL&MM). [W] Evans Bay, Wellington H; 1 on 3/10 (PR).

GREY-HEADED MOLLYMAWK *D. chrysostoma*

[G/W] Tolaga Bay; 39km offshore, 10 on 14/8, 1 on 11/9 (GAF).

YELLOW-NOSED MOLLYMAWK *D. chlororhynchos*

[N] Poor Knights; 7km sth of Sugarloaf, 1 on 13/11 (L Forester per RJP). [BP] BoP waters; 12 sightings of 1-5 ads/sub-ads, total 24 birds between 2/6/94 & 23/8, then 2 on 13/6 (JEH). [G/W] Tolaga Bay; 39km offshore, 1 on 14/8 & 21/8 (GAF). [Wr] Palliser Bay; 5km offshore, 2 on 28/8 (AGS).

BULLER'S MOLLYMAWK *D. bulleri*

[G/W] Tolaga Bay; 39km offshore, 1 on 14/8. Gisborne; 24km offshore, 2 on 22/8 (GAF).

MOLLYMAWK sp *Diomedea sp*

[M] Foxton B; c10 passing nth on 13/8 & 14/10 (JL&MM).

LIGHT-MANTLED SOOTY ALBATROSS *Phoebastria palpebrata*

[BP] Ohope; 1 ashore with badly injured foot on 3/8, put down (WMH, WHS). [HB] Hastings; 1 flew into farm fence & injured leg on c4/6 (HB Sun report).

FLESH-FOOTED SHEARWATER *Puffinus carneipes*

[A] Piha B; 1 dead on 28/12 with fishing line tangled around wing & body, fish hook in stomach (GAT). [BP] BoP waters; first birds on 1/10, then regular until last seen on 25/5 (JEH).

WEDGE-TAILED SHEARWATER *P. pacificus*

[FN] Raoul I, Kermadecs; 1 at 7pm on 25/11, prospecting cliff in front of Met Station, finally landing on cliff and presumably going into a burrow. First evidence that this species may still be breeding there since late 1960's? (EKC).

BULLER'S SHEARWATER *P. bulleri*

[BP] BoP waters; first birds on 6/10, then regular until last seen on 16/5 (JEH). [G/W] Tolaga Bay; 100's flying sth in groups on 9/10 (GAF).

SOOTY SHEARWATER *P. griseus*

[BP] BoP waters; several on 6/10, 5 single birds between 3/11 & 25/1, 1 on 6/4 (JEH). [G/W] Tolaga Bay; 39km offshore, 100+ on 9/10 (GAF). [M] Foxton B; c6 passing sth on 18/2 (JL&MM).

SHORT-TAILED SHEARWATER *P. tenuirostris*

[BP] BoP waters; 1 off Mayor I on 3/1 & 5/1 (JEH).

FLUTTERING SHEARWATER *P. gavia*

[A] Kauwahaia I, Te Henga; 1 calling in flight at night on 13/11 (GAT). [BP] BoP waters, off Karewa I; c1000 on 30/4 (AJT). [G/W] Tolaga Bay; 2, first for season on 21/8, 3 on 30/8, c50 close inshore on 21/10 (GAF). [M] Foxton B; c50 on 23/12, c200 passing sth on 18/2 (JL&MM). [W] Evans Bay, Wellington H; 50+ on 15/10, birds would settle, land, paddle along surface with head under water, suddenly dive & swim powerfully with outstretched wings, then after surfacing, fly a short distance & repeat these actions (GAT).

HUTTON'S SHEARWATER *P. huttoni*

[G/W] Gisborne; 2 on 22/10 (GAF).

COMMON DIVING PETREL *Pelecanoides urinatrix*

[BP] Off Mayor I; regular from July until 26/12, then none until 2 on 19/3, regular from 25/3 onward (JEH). [G/W] Tolaga Bay; 10 in bay on 21/10, c50 39km offshore on 3/4 (GAF).

GREY PETREL *Procellaria cinerea*

[G/W] Tolaga Bay; 39km offshore, c10 on 28/7 & 21/8 (GAF). [W] Cook Strait; 1 on 13/8 (AJT,GAT).

BLACK PETREL *P. parkinsoni*

[BP] Off Mayor I, single birds between 20/12 & 18/2, then 5 on 22/2, 1 on 19/3, 2 on 25/3 & 21/4, 1 on 22/4. Astralobe Reef; 1 on 18/3 (JEH).

WESTLAND PETREL *P. westlandica*

[G/W] Tolaga Bay; 9km offshore, 2 on 21/10. Gisborne; 24km offshore, 2 on 21/10 (GAF).

KERGUELEN PETREL *Lugensa brevirostris*

[W] Cook Strait; 1-2 on 13/8 (AJT,GAT).

CAPE PIGEON *Daption capense*

[BP] BoP waters; 8 sightings of 1-6, total 17 birds between 5/6/94 & 6/10 incl. 2 certain, 1 probable *capense* & 4 certain, 5 probable *australe* (JEH), 1 on 12/5 (WMH). Papamoa; 1 flying just outside surf line on 18/6 (ADL). Hukuwai, Opotiki; 1 brought in alive, died that night (WHS). [G/W] Tolaga Bay; 39km offshore, c30 on 21/8, c6 on 19/9. Gisborne; 24km offshore, 5 on 21/10 (GAF).

SOUTHERN GIANT PETREL *Macronectes giganteus*

[BP] Off Motiti I, 1 sub-ad hand fed from boat on 23/6/94, 1 on 14/7, 21/7 & 18/8. Mt Maunganui; 1 on 21/12 c5 miles nth, some pale feathers on head, scruffy and unwell, barely able to take off, 1 similar looking on 18/3 (JEH). [G/W] Tolaga Bay; 39km offshore, 1 on 14/8 & 11/9 (GAF).

GIANT PETREL *Macronectes* sp.

[Wk] Okete, Raglan; 1 exhausted bird in July, fed, released, later found dead (RT). [BP] BoP waters; 7 single birds between 30/6/94 & 5/11, then 1 on 13/6 (JEH). Tauranga H; 1 on 9/12 (DW). [M] Foxton B; max. 2 on 24/9 & 14/10 (JL&MM).

FAIRY PRION *Pachyptila turtur*

[Wr] Masterton; 1 on 25/1, later released at Castlepoint (TCD).

PYCROFT'S PETREL *Pterodroma pycrofti*

[N] Chickens Is; breeding success in 94/95 season 44% on Lady Alice I, 30% on Coppermine I (RJP).

COOK'S PETREL *P. cookii*

[A] Mt Hirakimata, Great Barrier I; max. 5+ aerial calling, 3 cat killed (few weeks dead) on 25-29/11 (AJT,KRM). [SA] Manukau H; 1 flying overhead off Clarks B after dark, 1 possible in harbour during day on 5/2 (A&SC).

GREY-FACED PETREL *P. macroptera gouldi*

[BP] Off Motiti I; 1 on 21/5 (JEH). Opotiki; 3 disorientated birds brought in in Jan, released soon after (WHS). [G/W] Tolaga Bay; 39km offshore, c10 on 14/8 & 21/8. Gisborne; 37km offshore, 2 on 23/10 (GAF). [HB] Ocean B; 1 ad, 1 imm wrecked on 26/4 (KVT *et al*).

WILSON'S STORM PETREL *Oceanites oceanicus*

[G/W] Tolaga Bay; 22km offshore, 1 on 19/3, 39km offshore, 1 on 3/4 (GAF).

WHITE-FACED STORM PETREL *Pelagodroma marina*

[BP] Off Mayor I; seen on 15/9, 1/10, 3 & 5/11, then regular from early Dec to 22/2 incl. 1 on 31/12 eating offal at boatside, very unusual for this species (JEH).

STORM PETREL sp

[HB] Marine Parade, Napier; 1 alive on 11/3, later died (AEB).

FIORDLAND CRESTED PENGUIN *Eudyptes pachyrhynchus*

[T] Tapuae Stm, Oakura; 1 in late Sept (B Williams per AJT). [W] Te Mingi, Kapiti I; 1 male, 1 female on 26/11 (CM). Ohariu Bay; 1 at VU Marine Lab on 18/11 (ST). Eastern Bays, Wellington H & Porirua; 1 imm on 22/12, 4/1 & 6/1, cared for by Eastern Bays Little Blue Penguin Foundation, flown to Christchurch and held for release at Katiki Pt, Otago on 9/1 & 13/1. Eastern Bays, Wellington H; 1 imm. on 9/1, banded and released at Somes I on 27/1 (V Hextall per CM,AJT).

ERECT-CRESTED PENGUIN *E. sclateri*

[W] Red Rocks; 1 on 15/12, photographed (B Insull per CM).

AUSTRALASIAN GANNET *Morus serrator*

[SA] Manukau H; 12 diving inshore on 3 & 4/5 (ERW). FoT; 500+ on 7/5 (ACR). [BP] Tauranga H; 1 imm. on 2/6 (JEH). [M] Foxton B; max. c25 passing nth on 1/4 (JL&MM). [HB] Cape Kidnappers; several carrying nesting material on 10/9 (R&TAS), no birds present on 4/6 (E&TGL,CMM). [Wr] Ngawi; 861 flying along coastline during 1 hour in early Dec (BWB). [W] Wellington H; 8 on 14/3, 15 on 15/3 (ARM).

BROWN BOOBY *Sula leucogaster*

[FN] Whangaroa H; 1 on 15/1 (SC) & 10/2 (DEC). Waitangi; 1 on 31/1 (T Jackson per GRP).

BLACK SHAG *Phalacrocorax carbo*

[SA] Access Bay, Miranda; 100+ offshore on water on 21/4, 261 on 12/6 (KW). FoT; 29 on 6/11, 460 on 4/6 (OSNZ cen). [Wk] Hamilton L; present all year, max. 23 on 25/9 (OSNZ cen). [BP] Kaituna Cut; 15 on 5/11 (L&GB). [G/W] Whakaki Lag; max. 96 on 18/1 (GAF). [HB] Ahuriri E; 60 on 5/11, 46 on 10/6. Clive Wetlands; 22 on 5/11, 54 on 10/6 (OSNZ cen). Horseshoe L; 50 on 22/4 (RDN). Porangahau E; 24 on 11/6 (OSNZ cen).

PIED SHAG *P. varius*

[A] Awana Stm, Great Barrier I; 30 birds, c30 nests, some with big chicks but most empty on 24/11 (AJT). Western Springs; 38 ads, 18 nests in mixed colony with 3 Little Shag nests on 28/12 (GAT). [SA] Manukau H; 161 on 20/11, 581 on 18/6 (OSNZ cen). Waikato RM; 300+ on 13/5 (AMH). Wharekawa shingle ponds, Miranda; 200 roosting on 1/4 (DJ&PJA). FoT; 400 on 18/6 (OSNZ cen). Peach Grove, Coromandel;

colony of 118 nests with chicks of all ages on 27/5 (TH). [Wk] Raglan; 106 on 18/6. Kawhia H; 34 on 19/11, 55 on 17/6 (OSNZ cen). [BP] Middle I, Alderman Is; c50 birds, c12 nests on 31/10 (AJT,GAT). Brewis Shoals; 1 near boat chasing hooked fish and feeding on offal for 1-2 hours on 9/3 (JEH). Kaituna Cut; c80-100, c40 nests in colony in pines on 4-6/11 (L&GB,AJT,GAT). Maketu E; 32 in cliffside colony on 18/6 (PCL). Otamarakau RM; 9 on beach on 5/11 (JB,RMW), 23 on 17/6 (WMH). Rangitaiki RM; 20 incl. 1 albino on 28/5 (PCL). Waiotahi E; 15 on 5/11, 42 on 30/6. Waiaua E; 11 on 5/11 (WHS). [HB] Clive Outfall; 1 from 6/94 to 22/4 (M&PWT). [W] Waikanae R & E; 1 on 21-22/8 (IJL,AJT).

LITTLE BLACK SHAG *P. sulcirostris*

[N] Whangarei H; 30 on 17/1 (GRP). [A] Sandspit; 59 on 23/7. Pollen I; 80 on 30/7 (GAP). Hobson Bay; 80 on 3/8, 30 on 9/10 (MJT). St. Helliers Bay; c100 on 26/9 (RG). [SA] Conifer Grove; 97+ fishing on 12/5, 135 flying on 27/5 (ERW). Manukau H; 34 on 18/6 (OSNZ cen). Port Waikato; 207 on 3/10 (AMH), 234 roosting in bay along river on 17/9 (DJ&PJA). Ohuka B, Whitianga; 26 on 13/9, 34 on 26/6. Tarapatiki Stm; 27 on 6/6, 34 on 26/6 (MBM). [Wk] L Whangape; 50 actively feeding in tight flock on 13/1 (DAL). Raglan H; 37 on 18/6. Hamilton L; present all year except Nov & March, max. 34 on 31/7 (OSNZ cen). [BP] Ohiwa H; c50 on 21/4 & 16/6 (WMH). [VP] Sulphur Bay, L Rotorua; c230 on Shag I, none nesting on 6/11, c140 feeding off Motutara Pt, c130 roosting on Shag I, none nesting on 4/1, 142, none banded on 27/4 (GAT). [G/W] Wairoa R; 18 on 3/8, 56 on 27/10 (GAF). [M] Manawatu E; c130 on 10/9 (JL&MM). [HB] Ahuriri E; 128 on 5/11, 0 on 10/6. Tukituki E; 250 on 5/11, c150 on 10/6 (OSNZ cen). [W] Porirua H; flock of 100 on 1/10 (GAT). Shelly Bay, Wellington H; 67 on 3/4 (PR).

LITTLE SHAG *P. melanoleucos brevirostris*

[SA] Manukau H; 47 on 20/11, 60 on 18/6. FoT; 52 on 4/6 (OSNZ cen). [Wk] Milicich's Farm, Ngahinapouri; colony of 29 ads, 19 nests in 2 willows over small lake on 13/10 (AS&JMR). [VP] Sulphur Bay, L Rotorua; 35 on 27/4 (GAT). [M] Foxton No. 1 L; max. 12 on 9/10 (JL&MM). [HB] Ahuriri E; 25 on 5/11, 32 on 10/6. Clive Wetlands; 20 on 10/6. Porangahau E; 65 on 11/6 (OSNZ cen). [W] Paraparaumu; 2 birds, 2-3 nests at L Puketewhaino on 4/9, 20 birds, 6 nests at Lindale on 24/10. Mana I; c20 left roost between 0640-0840 hours on 14/4. Wellington H; average dive time of 1 bird on 15/9 was 18 seconds (range=9-37, n=9), successfully caught small fish on 2 of 11 dives (AJT).

SPOTTED SHAG *Stictocarbo punctatus*

[A] Erangi Pt, Te Henga; at least 44 ads, 17 nests on 10/11 (GAT). [SA] Manukau H; 3 on 18/6. FoT; 19 on 6/11 (OSNZ cen). Puru; 14 on 4/11 (MBM). [BP] Tauranga H; 1 on harbour bridge pile on 11/4 (JEH). Papamoa; 1 sub-ad washed up dead on 8/11 (PCL). [G/W] Oraka E; 8 on 21/5 (YMCK). [HB] Clive Outfall; c130 on 4/9 (R&TAS), 4 on 5/11, 20 on 10/6 (OSNZ cen).

WHITE-FACED HERON *Ardea novaehollandiae*

[A] McLeod Park, Te Atatu Sth; 77 on 16/5 after heavy rain (CB). [SA] Manukau H; 286 on 20/11, 419 on 18/6. FoT; 158 on 6/11, 331 on 4/6 (OSNZ cen). [Wk] Raglan H;

18 on 17/6. Aotea H; 1 on 17/6. Kawhia H; 32 on 19/11 & 17/6 (OSNZ cen). [BP] Omokoroa golf course; 45 on 20/11. Maketu E; 70 on 29/1 (PCL). Waiotahi E; 21 on 5/11 (WHS). [HB] Ahuriri E; 97 on 5/11, 16 on 10/6 (OSNZ cen). [Wr] Mauriceville Rd/Jackson's Line Junction; flock of 21 in paddock on 15/6 (MEK).

WHITE HERON *Egretta alba*

[FN] Pukenui Wharf; 1 on 5/6 (JH,LS,PRS). [N] Ruakaka E; 1 on 4/3 (PMC,PRS). Waipu E; 1 on 20/3, 25/3 & 22/4 (GNG et al). [SA] Puhinui Inlet; 1 on 6/12, 1 on 18/6 (OSNZ cen). Conifer Grove; 1 (probably same bird) from 18/2 (ERW) to 25/6 (K Schiska). Waiuku E; 1 by supermarket car park on 22/8 (VMR). Miranda; 1 from 25/2 (AMH) to 31/3 (KW). Thames; 1 on 6/11 (OSNZ cen). Kuaotonu; 1 from 10/8 (BAW) to 27/6 (MBM). Great Mercury I; 1 on 21/5 (TH). [BP] Maketu E; 1 on 6/4 (J Smith per KLO). Matata; 1 on 21/8, 6/5, 17/5 & 28/5 (RMW). Waiau E; 1 on 20/7 (WMH,WHS). [VP] Kopuriki, L Aniwhenua; 1 on 13/7 (RMW). [G/W] Whakaki Lag; 1 on 11/9 (GAF). [HB] Clive; 3 at river on 17/7 (MTC et al), 2 at Outfall on 5/4 (BMT). Porangahau E; 1 on 11/6 (OSNZ cen).

LITTLE EGRET *E. garzetta*

[A] Ambury Park, Mangere; 2 on 23/7 (MBM). [SA] Meremere; 1 on island in Waikato R on 2/8 (Mrs Lamont). Kaiaua; 1 on 4/6 (OSNZ cen). Miranda Limeworks; 1 from 21/4 (KW) to 5/6 (SC). [BP] Matata; 1 on 5/11 (JB,RMW). [HB] Clive; 2 at river on 4/7 (MJ), 1 on 18/12 (JGH,CFM), 1 at Muddy Ck on 4/1 (KVT), 2 at Outfall from 6/3 (BMT) to 25/6 (R&TAS).

REEF HERON *E. sacra*

[FN] Paua; 1 on 31/1 (AS&JMR). Kaimaumau; 2 on 3/6. Unahi; 1 on 3/6 (JH,PRS). [N] Henry I, Whangaruru; 1 pr with 2 fledged chs on 11/11 (GRP). Muriwhenua I, Chickens Is; 1 pr with 2 young chs on 7/12 (GRP,GHS). [A] Matheson Bay, Leigh; 1 on 21/10 (DFB). [Wk] Raglan H; 3 on 18/6. Kawhia H; 1 on 19/11, 4 on 17/6 (OSNZ cen). [BP] Tauranga H; Ongare Pt, 1 on 8/6 (BC), Sulphur Pt, 1 on 20/11 (GH). Kaituna Cut; 1 on 29/11. Maketu E; 1 on 5/11, 1 ad with juv begging on 29/1 (PCL). [G/W] Anaura Bay; 1 on 9/4. Oraka E; 1 on 12/11 (GAF). [HB] Mangakuri B; 1 on 22/4 (RDN). [W] Wellington H; 2 at Seaview Marina on 10/3 (WAW), 1 at Shelly Bay on 3/4 (PR).

CATTLE EGRET *Bubulcus ibis*

[FN] Unahi; 26 on 23/8, 1 on 6/2 (GRP), 6 on 7/5 (GRP,GDQ), 24 on 3/6 (GRP,JH,PRS). [N] Ruawai; 56 on 31/7 (RJP), 27 at Whakatu Rd on 18/6 (PMC,PRS). [A] Parkhurst, Helensville; 55 on 27/9 (JVD). [SA] Crouch Rd, Aka Aka; 119 on 10/7, max. 135 in one flock on 7/8, last report 50 on 26/5 (AMH,DAL). Piako; 23 on 13/8 (DJA), 27 on 10/9 (BAW), 11 on 18/4 (JU), 27 on 18/6 (OSNZ cen). Purangi, Cooks B; 1 on farm from 3/7 to 8/10 (MBM). [Wk] Rangiriri; 187 on 20/8 (BHS), 1 on 13/3 (LC), c80 on 28/4 (BAW,FN). Okete, Raglan; 4 on 10/7 (HWC). Hinuera; 7 in early July (KGB). Zigzag Rd, Cambridge; 5 on 11/4 (I&ND). L Ngaroto; 74 on 20/8 (BHS). [BP] Kaituna Cut; 12 on 13/8 (L&GB), 6 well into breeding plumage on 5/11 (PCL), 5 on 17/5 & 18/6 (KWB). Tarawera RM; 29 on 24/7 (JB). Greig's Rd, Awaitei; 13 on 11/

11, 12 on 18/5 & 28/5 (WMH). Kukumoa, Opotiki; 15 regular from 4/6/94 to 12/10, 10 on 5/11, 3 on 9/11, 2-3 regular from 13/4 to 24/6 (WHS). [M] Foxton B; 29 in paddock on 18/3 (P&RS). Manawatu E; 15 on 8/1, 26 from 18/3 to 6/5. Foxton No. 1 L; 28 on 29/1 (JL&MM). Moutoa; 62 on 7/7, 64 on 1/10, 56 on 7/5 (P&RS). L Horowhenua; 15 from 8/5 to 11/5 (MO). [Wr] Sth Featherston; 20 on 9/8 (DMS). Oporua Spillway; 5 on 6/2 (BWB).

AUSTRALASIAN BITTERN *Botaurus poiciloptilus*

[FN] Arathuza Park, Pukenui; 1 on 5/6 (PRS et al). [N] Parekura Bay; 1 on 12/11, booming at dusk from 2012-2024 hours, 95 calls in sets of 2-16 calls, median 3 calls per set (AJB). Beach Rd, Onerahi; 1, possibly juv, in tidal drain from 13/2 to 28/2, appeared to be feeding on small eels, giant bullies and mosquito fish (PA). [SA] Hoods Landing; 7 within 300m of reed bank on 14/1 (AMH,DAL). L Patetonga; 2 on 21/2 (A&SC). Miranda; 1 flew from MNT Centre on 8/4 and seen around Widgery L until 30/6 (KW). [Wk] Kawhia B Lag; 1 flew into pine, perched with bill pointing skyward on 6/9 (BAW et al), 1 on 13/10 (AS&JMR), 1 on 17/6 (OSNZ cen). L Harihari, Taharoa; 2 on 1/9 (BAW,AS&JMR), 2 at lake at sth end of beach on 13/10 (AS&JMR). [BP] Katikati; 1 flying over highway 1km nth of town on 3/4. Kaituna Cut; 1 flying over lagoon on 20/5, harassed by sub-ad Black-backed Gull (BC). Awaiti Wetlands; 1 on 6/5 (RMW). Kukumoa, Opotiki; 3 on 7/10 & 1/11, 1 on 9/11, 1 on 9/12 brought in with injured wing and released on 11/12, 1 on 5/1, 9/1 & 30/6 (WHS). [G/W] Tolaga Bay; 2 in swamp by golf course on 15/8. Whakaki Lag; 1 on 25/4 (GAF). [M] Foxton No. 1 L; 1 on 29/1 (JL&MM). [HB] Ahuriri E; 2 on 5/11 (OSNZ cen). E Clive; 1 on 29/6 (EL,CMM).

GLOSSY IBIS *Plegadis falcinellus*

[SA] Otaua Sand Mine; 3 from previous year still present on 10/7 (AMH), in breeding plumage by 16/10, tossing dirt and dried grass in apparent display on 5/12 (GJE,AMH), joined by a fourth in April and still present on 11/6 (DAL). [BP] Matata; 1 from 27-30/12 (JB,RMW). Kukumoa, Opotiki; 1 in wet paddock, usually with White-faced Herons from 1/10 to 31/10 (WHS).

ROYAL SPOONBILL *Platalea regia*

[FN] Parengarenga H; 54 on 2/7 (OSNZ cen), 28 on 3/10, 10 ads with 2 large downy chs on 6/2, 52 on 4/6 (GRP). Unahi; 85 on 2/7, 38 on 3/10, 8 on 27/11 & 12/4, 79 on 7/5, 107 on 3/6 (GRP,JH,PRS). [N] Whangarei H; 9 on 11/4, 19 on 6/5, 41 on 8/5. Waipu E; 6 on 30/10 (GRP). [A] Rat I, Kaipara H; 10 on 22/10 (GRP,GAP). Mangere SP; 33 on 15/10 (MBM), 24 on 20/11 (OSNZ cen). [SA] Conifer Grove; 9 on 17/11, down to 2 on 30/12 (ERW). Manukau H; 38 on 18/6 (OSNZ cen). Clarks B; 3 roosting in trees on golf course mid May to 28/6 (N Yates per AMH). Meremere; 3 on island in Waikato R on 2/8 (Mrs Lamont). Access Bay, Miranda; 3 from 10/7 (AMH,DAL) to 9/10 (KW), down to 1 on 11/11 (NCP). Thames; 1 on 18/6 (OSNZ cen). [Wk] Kawhia H; 7 on 19/11, 32 on 17/6 (OSNZ cen). [BP] Kaituna Cut; 15 on 13/8, 14 on 14/9 (L&GB,AMc), 5 on 4/11, 4 on 5/11 (L&GB), 2 on 22-24/1, 16 on 17/

5 & 28/5 (KWB,PCL). Ohiwa H; 2 in July (DoC), 2 on 2/9, 4 on 4/9, 2 on 20/11 (WHS). [G/W] Uawa; 3 on 17/5. Whakaki Lag; 7 on 18/1, max. 21 on 22/4. Wairoa E; 11 on 3/8, 3 on 13/11 (GAF). [M] Rangitikei E; (new site); 10 on 25/3, max. 14 on 28/4 (SEC,WC). Manawatu E; max. 58 on 6/5 (JL&MM). Ohau E; 11 on 20/5 (MO). [HB] Ahuriri E; 7 on 5/11 (OSNZ cen), 3 on 17/12, 2 on 8/1 (JGH,CFM), 27 on 2/4, first of 1995 influx (KS&PCB), max. 56 on 6/5, highest ever for HB (M&PWT), 34 on 17/6 (KS&PCB). Tukituki E; 2 on 8/1 (JGH,CFM). [Wr] L Wairarapa; 23 on 6/2 (TCD). L Onoke; 3 on 5/12 (WST). [W] North B, Kapiti I; 5 on 5/3 (ARM). Waikanae E; 1-2 birds, 7 sightings from 21/8 to 14/11 (AJT,KRM,BAT), 3 on 22/1, 10 on 5/3 (AJT), 7 on 2/4 & 9/4, 4 on 16/4 (AJT,KRM), 2 on 5/6 (RMP). Pauatahanui Inlet; 2 on 2/3 (JAW). Hutt E; 1 on 29/7 & 31/7, harassed by Black-backed Gulls (RNC).

MUTE SWAN *Cygnus olor*

[HB] Horseshoe L; 2 on 24/5, these birds breed each year but the cygnets do not survive for long (KVT).

BLACK SWAN *C. atratus*

[FN] Parengarenga H; 1094 on 4/6 (OSNZ cen). Nilssons Dam; 42 + 28 cygs on 6/2 (GRP). [N] Waipu E; 55 on 30/10 (GRP). [Wk] Aotea H; 65 on 19/11, 278 on 17/6. Kawhia H; 122 on 19/11, c2000 on 17/6 (OSNZ cen). L Whakamaru; 41 on 24/8 (BHS). [BP] Kaituna Cut; 87 on 4/11 (L&GB). Matata; 32 on 5/11 (JB,RMW). [G/W] Whakaki Lag; max. c1900 on 18/1 (GAF). [M] Manawatu E; max. c60 on 6/5. Foxton, SH1; 93 on casual floodwaters on 27/8, Foxton No 1 L; max. 105+5 broods on 9/10. Foxton No 2 L; max. c50 on 1/9. Wharekino; max. c60 on 18/6. Moutoa; max. c150 on 7/8 (JL&MM). [HB] Ahuriri E; 110 on 5/11, 216 on 10/6 (OSNZ cen). Horseshoe L; c125 on 24/5 (KVT). [Wr] Homebush SP; 200+ on 19/4 (CES). [W] Waikanae; c50 from 15/5 to 19/6 (MAF).

CANADA GOOSE *Branta canadensis*

[SA] Miranda; 7 on 8/8 (KW). Kaimarama R; 5 on 22/10, first record here (MBM). [BP] Kaituna Cut; 14 on 4/11 (L&GB), 27 on 22/1 (PCL). Maketu E; 45 on 18/6 (PCL). Matata/Tarawera RM; 16 on 5/11, 31 on 28/5 (JB,RMW). [G/W] Whakaki Lag; max. 910 on 18/1 (GAF). [M] Foxton No 1 L; max. 49 on 19/2, 2 broods (6 juvs) on 18/12. Foxton No 2 L; max. 3 on 20/11. Manawatu E; c20 on 18/2 (JL&MM). [HB] Ahuriri E; 11 on 10/6 (OSNZ cen). Horseshoe L; 6 on 24/5 (KVT). Porangahau E; 110 on 11/6 (OSNZ cen). [W] Waikanae SP; 16 with 95 domestic geese on 17/4 (AJT).

PARADISE SHELDUCK *Tadorna variegata*

[FN] Nilsson's Dam; 485 on 6/2 (GRP). [SA] Manukau H; 95 on 18/6. FoT; 34 on 6/11, 161 on 4/6 (OSNZ cen). [BP] MacLarens Falls; c50 on 30/7 (PCL). Matata; c400 on 17/5 (KWB). [G/W] Whakaki Lag; max. 1900 on 18/1 (GAF). [M] Foxton No 1 L; max. c45 on 27/4, 40+ on 5/3. Moutoa; 39 on 18/6 (JL&MM). [HB] Ahuriri E; 249 on 5/11, 4 on 10/6 (OSNZ cen). [W] Waimeha Lag; 72 on 2/4 (AJT).

CHESTNUT-BREASTED SHELDUCK *T. tadornoides*

[A] L Kereta; 1 on 25/4 (DJ&PJA,PH,PB). [SA] L Patetonga; 1 on 21/2 (A&SC).

BLUE DUCK *Hymenolaimus malacorhynchos*

[G/W] Wairoa R; 1 near town bridge on 3/4 (GAF). [HB] Apis Crk, Nth Ruahines; 1 pr & 1 single nearby on 21/1 (JRB).

MALLARD *Anas platyrhynchos*

[SA] Manukau H; 604 on 20/11, 2738 on 18/6. FoT; 187 on 6/11, 2055 on 4/6 (OSNZ cen). [Wk] Raglan H; 194 on 18/6. Forest L, Hamilton; max. c200 on 29/1. Hamilton L; max. 2486 on 21/5 (OSNZ cen). University Lakes; 940 on 20/1 (PCC). Kawhia H; 141 on 17/6 (OSNZ cen). [G/W] Whakaki Lag; 530 on 18/1 (GAF). [M] Manawatu E; max. c1000 on 7/5. Foxton No 1 L; max. c300 on 4/3 (JL&MM). [HB] Ahuriri E; 315 on 5/11, 502 on 10/6. Clive Wetlands; 124 on 5/11, 162 on 10/6 (OSNZ cen). Horseshoe L; c110 on 24/5 (KVT).

GREY DUCK *A. superciliosa*

[BP] Mangapapa L; 2 prs on 30/7 (PCL). [M] Manawatu E; 2 on 20/5 (JL&MM). [HB] L Roto-O-Kiwa; 2 on 28/8 (OSNZ). [W] Waikanae SP; 23 on 17/4 (AJT,BJT).

GREY TEAL *A. gracilis*

[SA] Manukau H; 152 on 18/6 (OSNZ cen); Kidds; 20 on 19/5 (AMH). Miranda; max. 130 on 12/6 (KW). Tuakau SP; c100 on 21/12 (AMH). [Wk] Gordonton; pr with 3 ducklings close to fledging on 6/2, first breeding record here (DJR). [BP] Kaituna Cut; c50 on 22/1 (PCL) & 17/5, 20 on 28/5 (KWB). [G/W] Whakaki Lag; 255 on 18/1 (GAF). [M] Manawatu E; c150 on 2/7, max. c280 on 2/6 (JL&MM,P&RS). Foxton No 1 L; max. c20 on 5/3 (JL&MM). [HB] Ahuriri E; 55 on 5/11, 42 on 10/6 (OSNZ cen). Westshore Lag; 3-400 on 11/5 (EL, KVT). Horseshoe L; c11 on 24/5 (KVT). [W] Waikanae SP; 66 on 17/4 (AJT,BAT).

CHESTNUT TEAL *A. castanea*

[M] Manawatu E; 1 sub-ad male on 7/5, 2 imm. males on 17/6 (JL&MM).

BROWN TEAL *A. aucklandica chlorotis*

[N] Northland annual census counts of 170 (Jan) & 137 (Feb) (GRP,DoC).

NEW ZEALAND SHOVELER *A. rhynchos variegata*

[SA] Manukau H; 300 on 18/6 (OSNZ cen); Wattle Farm Park; 1 pr with 3 ducklings on 20/11 (ERW). Tuakau SP; 20 on 21/12 (AMH). [BP] Matata; c50 on 28/5 (RMW). [M] Manawatu E; c420 males + numerous females on 2/7, c350 on 20/5. Foxton No 1 L; c500 on 29/1. Foxton No 2 L; c20 on 28/8 (JL&MM). [HB] Ahuriri E; 68 on 5/11, 499 on 10/6 (OSNZ cen). Horseshoe L; c50 on 24/5 (KVT). Porangahau E; 7 on 6/11, 164 on 11/6 (OSNZ cen). [W] Waikanae; c50 from 15/5 to 19/6 (MAF). Correction to CSN 1993/94; Waimeha Lag, max. 900 on 12/4 (MAF,VLJS) should read max. c100.

NORTHERN SHOVELER *A. clypeata*

[BP] Kaituna Cut; 1 drake in breeding dress from 17-28/5 (KWB,BC). [G/W] Gisborne; 1 male near Waikanae B on 30/6 (SB).

NEW ZEALAND SCAUP *Aythya novaeseelandiae*

[A] Straka's Refuge, Waiwera; 17 on 8/10 (HRC,MH,SPC,GAP). Western Springs; 8 on 28/12 (GAT). [Wk] Hamilton L; 1 on 15/8 (PCC). L Whakamaru; 17 on 24/8 (BHS). L Taharoa; c40 on 1/9 (BAW,AS&JMR), & 13/10 (AS&JMR). [BP] MacLarens Falls; c100 drakes on 30/7 (PCL). Matata; 24 on 5/11 (JB,RMW). [VP] L Rotorua; female + 10 small downy chicks all diving for food in shallow water off Motutara Pt on 4/1 (GAT). [M] Heatherlea (Levin); 7 on 17/12 (JL&MM). [HB] L Tutira; c27 on 17/7 (OSNZ). Horseshoe L; c150 on 24/5 (KVT). [W] Waikanae; 2 on 16/10, 33 on 2/4, 65 on 9/4 (AJT), c50 on 15/5 (MAF). L Puketewhaino, Paraparaumu; 11 on 16/10. Ratanui Lakes, Paraparaumu; 9 on 16/10 (AJT).

AUSTRALASIAN HARRIER *Circus approximans*

[BP] Karewa I; well grown Flesh-footed Shearwater chick eaten on 29/4 (AJT).

NEW ZEALAND FALCON *Falco novaeseelandiae*

[N] Punaruku; 1 on 6/12 at forest edge/shrubland/cleared area (I Hogarth per RJP). [Wk] Glen Massey; 1 in Sept (PDB). Raglan; 1 in large pines on 16/6 (BLP). Te Pahu; 1 on 3-4/7, 27/7, 14/8 & regularly in Jan (MJF). Symes Rd, between Otorohanga & Te Awamutu; 1 pr in Dec (MJH). Hauturu Rd; 1 on 28/8 (BAW,WIR). Rangitoto Stm; 1 on 14/1, resident (PCC). [BP] Whakatane; 1 sub-ad on 11/5/94 (WMH). [VP] L Rerewhakaoitu; 1 on 9/5 (M McKeown per KLO). Kaiangaroa F; 2 ads & 2 chs on 8/11 and 2 ads on 13/12 at corner of Tiriti & High Level Rds (per KLO). [M] Shorts Track, W Ruahine Range; 1 on 17/2 (IGA). [HB] Blowhard Bush; 1 on 30/10 (KVT et al), & 22/4 (JGH,CFM). Bluff Hill, Napier; 1 chasing feral pigeons on 26-27/6 (BLW). Twyford; 1 on 9/5 (JW). Mangatahi; 1 on power pole on 28/8 (ARG et al). Kereru Rd; 1 chasing a harrier on 29/4 (JGH,CFM). Haverlock Nth; 2 on 21/7 (NAP). [Wr] Greytown; 1 seen on 11/9, 26/5 & in June (D&MDW). Ngawai; 1 early 95 (JWL). Masterton; 1 reported (TCH). Ruakokoputuna; 1 after pigeons in June (SW). [W] Strathmore; 1 on 16/10 flying over suburbs, was pursued and repeatedly dive-bombed by a pair of Black-backed Gulls. Falcon heard calling repeatedly until all birds flew out of sight (GAT). Wainuiomata Coast Rd; 1 on 14/9 (SC). Orongorongo V; pr at nest site Greens Stm, 2 young on 31/12 (SL). Upper Hutt; 1 on 12/6 (JW).

NANKEEN KESTREL *F. cenchroides*

[Wk] Naike; 1 female on 12-24/4, took crickets as prey, roosted under eaves of house (R&SG).

CALIFORNIA QUAIL *Callipepla californica*

[N] Omamari; covey of 20+ on 10/6 (PRS,LS et al). Rockells Bay; covey of 25 on 25/5 (GRP). Mt Tiger Rd, Whareora; first song on 21/8 (RJP). Onerahi; 1 male heard crowing on 6/8 (PJA). [A] Mangawhai; 1 pr with 23 half grown young on 4/2 (AS&JMR).

RED-LEGGED PARTRIDGE *Alectoris rufa*

[SA] Pukekohe E; 3 from 10-17/5 (per AMH).

BROWN QUAIL *Synoicus ypsilophorus*

[FN] Matauri Bay; 1 pr with 2 chicks on 23/1 (AS&JMR). [N] Waipiro Bay; 3 on 6/2 (AJB). Mt Tiger Rd, Whareora; coveys of up to 40, typically 6-10 during Autumn-Winter. Numbers have increased since 1992 when local poisoning rats & possums was initiated, also localised predator control (RJP). [BP] Katikati; 1 flying across Uretara Stm on 1/4 (BC).

BANDED RAIL *Rallus philippensis*

[N] Oakleigh; pr + 7 chicks crossing SH 1 on 30/10 (C Windust per GRP). [SA] Clevedon; 1 on 11/3, not seen here for some time (AJG). Access Bay, Miranda; 1 ad & 2 chs on 19/12, 2 ads & 2 chs on 4/1; Stilt Ponds; 3 on 15/1 & 1 on 9/3 (KW). Opoutere; 3 feeding on stm edge on 11/8 (BAW). [BP] Matata; 1 on 21/8 (MS). Waihi E; 1 on 28/3 (S Beadel per KLO). Ohiwa H, Ruatuna Rd; 1 on 9/11, 2 on 27/2 & 3 on 16/6 (WMH). [G/W] Maungawhio Lag; pr with 3 young on 12/11 (GAF).

NORTH ISLAND WEKA *Gallirallus australis greyi*

[BP] Toatoa; 3 on 20/7 (WMH, WHS).

SPOTLESS CRAKE *Porzana tabuensis*

[BP] Awaiti Wetlands; 2 on 6/5 (RMW). [M] Round Bush, Foxton; 2 on 4/1 (JL&MM).

PUKEKO *Porphyrio p. melanotus*

[SA] FoT; 174 on 4/6 (OSNZ cen). [Wk] Forest L, Hamilton; min. 4 on 27/11, max. 19 on 23/4. Hamilton L; min. 4 on 27/11, max. 24 on 31/7 (OSNZ cen).

AUSTRALIAN COOT *Fulica atra australis*

[A] Western Springs; 48 ads & juvs + 6 chicks on 28/12 (GA&SLT). [SA] Wattle Downs Ponds; 1 on 20/11 (ERW). [Wk] University Lakes; 1 on 6/3 (BAF). Forest L, Hamilton; min. 3 on 21/5 & 26/6, max. 8 + 7 juvs on 27/11. Hamilton L; min. 5 on 26/3, max. 44 on 15/8 (OSNZ cen). [BP] Matata; 9 + 3 chicks on 31/10, 15 on 30/12 (RMW). [HB] L Tutira; c70 on 17/7 (OSNZ). [Wr] Henley L; 8 on 19/4 (ERW). [W] L Kohangatera; 2 on 12/2 (RGP).

SOUTH ISLAND PIED OYSTERCATCHER *Haematopus ostralegus finschi*

[FN] Parengarenga H; 219 on 2/7, 139 on 4/6. Rangaunu H; 265 on 3/6. (OSNZ cen). [N] Pataua/Taiharuru E; 140 on 15/6 Whangarei H; 214 on 19/11, 1269 on 4/3, 1754 on 17/6 (OSNZ cen). [A] Kiwi Esplanade, Manukau H; 1600 on 1/1 (GAT). [SA] Manukau H; 3640 on 20/11, 34306 on 16/6. FoT; 4571 on 6/11, 24453 on 4/6 (OSNZ cen). Colville H; 350 on 10/8 (BAW). [Wk] Raglan H; 450 on 18/6. Aotea H; 120 on 29/11, 1034 on 17/6. Kawhia H; 726 on 19/11, 1777 on 17/6 (OSNZ cen). [BP] Tauranga H; 302 on 20/11 (BC, GH). Maketu E; max. 190 on 18/6 (PCL et al). Little Waihi; 25 on 22/1 (PCL). Ohiwa H; max. 470 from 5/4 to 16/6 (WMH, WHS). [G/W] Muriwai Lag; 43 on 24/6 (GAF). [M] Manawatu E; max. 64 on 19/2. Foxton B; 10 on 18/6 (JL&MM, P&RS). [HB] Ahuriri E; 7 on 25/3 (JGH, CFM) & on 10/6 (OSNZ cen). Waitangi E; 4 on 9/3 (KVT). Ngaruroro R, Mangatahi; 1 pr with nest on 27/8 (JGH, CFM); Maraekakaho; 1 pr with nest on 18/9 (MT&PWT). Porangahau E; 13 on 6/11, 8 on

11/6 (OSNZ cen).

VARIABLE OYSTERCATCHER *H. unicolor*

[FN] The Bluff, 90 Mile B; 41 on 3/10. Waikuku B; 8 prs on 10/10 (GRP). Parengarenga H; 71 on 26/11, 138 on 4/6 (OSNZ cen). Great Exhibition Bay; 6 prs & 3 chicks along 9km on 30/1. Rarawa B; 8 & 1 juv on 30/1. Houhora B; 10 prs & 8 chicks on 31/1 (AS&JMR). Houhora H; 72 on 3/6. Rangaunu H; 65 on 3/6 (OSNZ cen). Takou Bay; 21 + 4 juvs & 4 chicks on 2/2 (AS&JMR). [N] Pataua/Taiharuru E; 35 on 15/6. Whangarei H; 24 on 19/11, 51 on 4/3, 77 on 17/6 (OSNZ cen). Ruakaka E; 55 + 1 juv on 23/1. Waipu E; 83+ on 4/2 (AS&JMR). [A] Whangapoua E, Great Barrier I; 9 prs on 24/11 (GRP). Mangawhai E; 30 + 2 juvs on spit on 4/2 (AS&JMR). Waiwera E; 14+ in flock of 55 oystercatchers on 29/12 (GAT). Ambury Farm Park; 8 on 28/6 (HRC). [SA] Kariotahi B; 23 along 3 kms on 12/3 (PH). Waikato RM; 24 ads & 3 juvs on 4/12, 33 ads & 20 juvs on 15/1 (AMH,DAL). Sunset B, Pt Waikato; 11 on 6/2 (DJ&PJA). Manukau H; 10 on 18/6. Kawakawa Bay; 23 on 6/11. FoT; 26 on 4/6 (OSNZ cen). Opoutere; 54 on 6/8 & 81 on 5/2. Kennedy Bay; 38 on 10/8. Whangapoua E; 16 on 10/8. Whitianga H; 31 on 11/8. Matarangi; 187 on 25/2 (BAW). [Wk] Raglan H; 5 on 18/6. Kawhia H; 6 on 19/11, 5 on 17/6 (OSNZ cen). [BP] Tauranga H; 54 + 1 chick on 20/11 (BC,GH,I&GB). Matakana I; 36 prs on 9/12 (DW). Maketu E; max. 68 on 18/6 (PCL et al). Little Waihi; max. 50 on 5/11 (RC,PCL). Otamarakau; 6 on 17/6 (JB,WMH,RMW). Herepuru; 4 on 5/11 (JB,RMW). Tarawera RM; 4 on 28/5 (PCL). Rangitaiki RM; 6 on 5/11 (JB,RMW). Ohiwa H; max. 201 on 16/6 (WMH). Waiotahi E; 8 on 5/11 & 30/6. Waioeka E; 9 on 5/11. Waiaua E; 13 on 30/6 (WHS). Whangaparaoa E; 3 on 1/3 (WMH). [G/W] Mahia Pen; 45 on 24/6 (GAF). [M] Manawatu E; max. 4 on 19/3 (JL&MM,P&RS). [HB] Ahuriri E; 3 on 5/11, 5 on 10/6 (OSNZ cen). Waitangi E; 9 on 11/4 (RDN). Te Awanga B; 6 on 17/6 (BMT). Mangakuri B; 2 on 22/4 (RDN). Porangahau E; 13 on 6/11, 12 on 11/6 (OSNZ cen). [W] Waimeha Str M; 12 on 20/5 (BAT).

AUSTRALASIAN PIED STILT *Himantopus b. leucocephalus*

[FN] Parengarenga H; 736 on 2/7, 618 on 4/6. Houhora H; 450 on 3/7, 226 on 3/6. Rangaunu H; 600 on 3/7, 695+ on 3/6 (OSNZ cen). [N] Whangarei H; 598 on 19/11, 558 on 4/3, 374 on 17/6 (OSNZ cen). [A] Mangere SP; c600 on 29/6 (AMH,HRC). [SA] Drury SP; 78 on 8/2 & 98 on 17/4 (AMH). Manukau H; 922 on 20/11, 4442 on 18/6 (OSNZ cen). Access Bay, Miranda; 1000 on 21/5 (AMH). FoT; 189 on 6/11, 4726 on 4/6 (OSNZ cen). [Wk] Raglan H; 120 on 18/6. Aotea H; 50 on 17/6. Kawhia H; 224 on 17/6 (OSNZ cen). Lake Rd, Ngaroto; c150 on 20/8 (BHS). [BP] Kaituna Cut; 60 on 22/1 (PCL). Matata Lag; 139 on 28/5. Rangitaiki RM; max. 75 on 28/6/94. Ohiwa H; max. 71 on 21/1 (WMH). Waioeka E; max. 42 on 5/11. Waiaua E; 19 on 30/6 (WHS). [G/W] Tolaga Bay; c200 on flooded paddock on 17/4. Korito Lag; c400 on 24/6 (GAF). [M] Manawatu E; max. c275 on 17/6. Foxton SH1; 83 on casual floodwaters on 27/8. Foxton No 1 L; max. c35 on 13/11 (JL&MM). [HB] Ahuriri E; 776 on 5/11, 1645 on 10/6. Clive Wetlands; 86 on 5/11, 72 on 10/6. Porangahau E; 45 on 6/11, 103 on 11/6 (OSNZ cen).

BLACK STILT *H. novaeseelandiae*

[A] Moturemu I, Kaipara H; 1 c/b bird on 19/4 (GAT). Mangere SP; 2 F nodes

from 2-23/11, 1 F & 2 G nodes on 15 & 18/6 acting as a pr showing aggression to other Stilts (HRC). [SA] Manukau H; Westfield; 16 on 18/6 (TGL); Puhinui; 1 F & 1 G nodes on 20/4 (AMH), 1 G & 1 I nodes on 18/6 (CRV), 1 pure black with metal band on 28/6 (PB); Seagrove; 1 on 20/11 (OSNZ cen). Miranda; 1 F node on 25/2 (AMH). [Wk] Kawhia H; 10 incl. hybrids on 17/6, 5 c/b (OSNZ cen).

HYBRID STILT *Himantopus* sp.

[A] Mangere SP; 1 E node on 15/6 & 18/6 (HRC). [SA] Manukau H; Puhinui; 1 E node on 20/4 (AMH), 1 E & 1 D2 on 18/6 (CRV); Conifer Grove; 1 D2 & 1 E nodes on 4/5 (ERW); Kidds; 1 E & 1 D2 on 19/5; Seagrove; 1 D2 on 19/5 (AMH); Hoods Landing; 1 E node on 15/1 (DAL,AMH); Puni; 1 E node on 19/6, 1 B, 3 D2 & 1 E nodes on 20/6 (AMH). [M] Manawatu E; 1 from 3/1 to 17/6, with speckled flanks and line down centre of belly (JL&MM).

NEW ZEALAND DOTTEREL *Charadrius obscurus*

[FN] Great Exhibition Bay; 12 over 9km on 30/1. Rarawa B; 7 on 30/1. Houhora B; 3 on 31/1 (AS&JMR). Houhora H; 48 on 3/6. Rangaunu H; 40 on 3/6 (OSNZ cen). Karikari Bay; 23 on 7/5 (GRP,GDQ). Tauranga Bay; 5 on 2/2. Takou Bay; 24 on 2/2 (AS&JMR). [N] Omamari; 2 seen each month March 94-June 95 (PRS et al). Pouto Pen; 21 on 2 hr drive north on coast on 26/2 (PRS,OSNZ). Motukehua I, Whangaruru; 3 prs on 11/11. Whananaki E; 27 incl. 6 juvs on 25/5 (GRP). Whangarei H; 6 on 19/11, 22 on 4/3, 19 on 17/6 (OSNZ cen). [A] Whangapoua E, Great Barrier I; 6 prs on 24/11 (GRP). [SA] Waikato RM; 14 ads & 1 ch on 4/12 (AMH,DAL). Manukau H; 30 on 20/11, 33 on 18/6 (OSNZ cen); Kidds; 18 on 5/2 (AMH,DAL). Whitford; 10 on 6/3 (BRK). FoT; 15 on 4/6 (OSNZ cen). Opoutere; 23 incl. 5 juvs on 6/8 & 25 on 9/2 (BAW). Matarangi Spit; 12-14 on 7/10 (BHS), 61 incl. 7 c/b & 4 metal/b on 25/2 (BAW), 54 on 11/3 & 46 on 25/5 (MBM). [Wk] Kawhia H; 6 on 19/11, 9 on 17/6 (OSNZ cen). Taharoa; max. 4 on 12/10 (AS&JMR). [BP] Matakana I; 24 prs on 9/12 (DW). Maketu E; 4 on 22/1 (PCL). Waihi E; 2 ads and 3 chs on 21/11 (J Fitzpatrick per KLO). Little Waihi; 2 on 4/11 (L&GB,RC). Otamarakau; 3 prs on 5/11 (DW). Pukehina Spit; 20 on 18/6 (KWB,PCL). Herepuru; 8 on 5/11 (JB,RMW). Tarawera RM; 2 on 11/11 (WMH). Ohiwa Spit; 30 + 2 chicks on 9/2, 75 on 21/4 (WMH,WHS). Waiotahi/Waioeka/Waiaua E; approx 20 prs fledged 13 chicks, 11 birds killed by a single stoat (WHS). Whangaparaoa E; 2 on 1/3 (WMH). [G/W] Tolaga Bay; 2 on 11/9. Oraka E; 1 on 12/11 & 18/1. Onenui, Mahia Pen; pr with 1 egg on 12/11, hatched 18/11, ch did not survive (GAF).

BANDED DOTTEREL *C. bicinctus*

[FN] Parengarenga H; 949 on 2/7, 154 on 4/6. Rangaunu H; 170+ on 3/6 (OSNZ cen). Takou Bay; 6 on 2/2 (AS&JMR). [N] Whangarei H; 0 on 19/11, 74 on 4/3, 429 on 17/6 (OSNZ cen). [SA] Manukau H; 963 on 18/6 (OSNZ cen); Kidds; 86 on 1/1 (PJA), 200 in paddock on 5/2 (AMH,DAL). Whitford; 72 on 6/3 (BRK). FoT; 60 on 4/6 (OSNZ cen). Miranda; 38+ on 17/6 (KW). [Wk] Aotea H; 33 on 17/6. Kawhia H; c450 on 17/6 (OSNZ cen). [BP] Kaituna Cut; 115 feeding in waterlogged paddock on 18/6 (KWB,PCL). Maketu E; c30 on 29/1 (PCL). Herepuru; 4 with 5 chicks on 5/11 (JB,RMW). Ohiwa H; max. 453 on 21/4 (WMH,WHS). [G/W] Korito Lag; 94 on 24/6

(GAF). [M] Manawatu E; max. 102 on 15/4 (JL&MM). [HB] Ahuriri E; c180 on 27/2 (JGH,CFM). Porangahau E; 17 on 6/11, 120 on 11/6 (OSNZ cen). [W] Waikanae E; c4 prs on 9/10. Near Baring Head; 6 on 12/3 (AJT).

BLACK-FRONTED DOTTEREL *C. melanops*

[BP] Matata; 4 on 3/7, 3 on 21/8 (JB,RMW). [G/W] Korito Lag; 7 on 24/6 (GAF). [M] Rangitikei R; 1 at 220m asl, 4 km E of Ohingaiti on 29/10 (RW). [HB] Ahuriri E; 6 on 5/11, 23 on 10/6 (OSNZ cen). Tutaekuri R, Omarunui Rd section; habitat severely damaged by shingle works? only 1 bird sighted in June (MT&PWT). Maraetotara Stm Mth; 11 on 11/4 (BMT). [Wr] Homebush; 18 in a muddy puddle on a farm 18/4 (TCD). [W] Waikanae E; 1 on 2/12 (JL).

LARGE SAND DOTTEREL *C. leschenaultii*

[SA] Puhinui, Manukau H; 1 on 20/11 (OSNZ cen). Access Bay, Miranda; 1 on 12/10 (KW), through to 4/12 (WNP).

MONGOLIAN DOTTEREL *C. mongolus*

[G/W] Oraka E; 1 on 12/11 (OSNZ,GAF).

WRYBILL *Anarhynchus frontalis*

[FN] Parengarenga H; 136+ on 4/6. Houhora H; 28 on 3/6 (OSNZ cen). [N] Whangarei H; 0 on 19/11, 12 on 4/3, 116 on 17/6 (OSNZ cen). [A] Mangere SP; 72 on 15/2 (GRP), c250 on 29/6 (AMH,HRC). Mangere Airport; 5-700 on 8/3 (TH). [SA] Manukau H; 998 on 18/6 (OSNZ cen); Kidds; 300+ on 27/7, 20 on 10/12, max. 360+ on 19/5 (AMH et al). Sunset B, Port Waikato; 1 on 6/2 (DJ&PJA). FoT; 2450 on 4/6 (OSNZ cen). Miranda; 1000 present 18/7 & 21/8, min. 20 on 27/10 & max. 2000 on 28/3 (KW). [Wk] Te Motu Sandbank; 1 on 17/6 (OSNZ cen). [BP] Ohiwa H; 2 on 21/1 (WHS). [G/W] Muriwai Lag; 31 on 24/6 (GAF). [M] Manawatu E; max. 29 on 4/3 (JL&MM). [HB] Porangahau E; 86 on 11/6 (OSNZ cen). [Wr] L Onoke; 1 on 30/10 (CES).

PACIFIC GOLDEN PLOVER *Pluvialis fulva*

[FN] Raoul I, Kermadecs; 15 on margin of Green L, flighty, non breeding plumage, present for several days from 23/11 (EKC). Parengarenga H; 31 on 26/11 (OSNZ cen), 46 in paddock at Paua on 31/1 (AS&JMR). L Ohia; 56 on 27/11 (GRP,GAP), 91 on 7/1 (GRP). [N] Whangarei H; 41 at Skull Ck on 25/3 (GNG,PRS). [SA] Kidds, Manukau H; 2 on 25/9 (PJA et al), max. 43 on 20/11 (OSNZ cen), 19 on 16/2 (GRP). [BP] Kaituna Cut; max. 27 on 5/11 (PCL,L&GB). Ohiwa H; max. 7 on 7/2 (WHS). [G/W] Waiapoa E; 9 on 3/12. Ngamotu Lag; 14 on 27/10 (GAF). [M] Manawatu E; 1 on 24/9, max. 17 on 2/1 & 18/3, last 6 on 1/4 (JL&MM,P&RS). [HB] Ahuriri E; max. of 25 on 25/3 (JGH,CFM).

GREY PLOVER *P. squatarola*

[SA] Kidds, Manukau H; 1 from 28/1-19/3 (AMH,DJ&PJA).

SPUR-WINGED PLOVER *Vanellus miles novaehollandiae*

[SA] Manukau H; 80 on 20/11, 204 on 18/6. FoT; 37 on 6/11, 331 on 4/6 (OSNZ cen). [Wk] Kawhia H; 53 on 17/6 (OSNZ cen). [BP] Kaituna Cut; max. 202 on 20/5 (BC). Waioeka E; 46 on 5/11. Waiaua E; 21 on 5/11 (WHS). [G/W] Whakaki Lag; 60 on 18/1 (GAF). [M] Manawatu E; max. 85 on 24/7. Moutoa; max. c330 on 18/6. Foxton No 1 L; max. 42 on 20/11 (JL&MM). [HB] Ahuriri E; 32 on 5/11, 105 on 10/6. Clive Wetlands; 25 on 10/6. Porangahau E; 24 on 11/6 (OSNZ cen). [W] Tawa; 3 on 30/5 (SJC). Wainuiomata Coast Rd; 36 on 12/9 (MLF).

TURNSTONE *Arenaria interpres*

[FN] Parengarenga H; 34 on 2/7 (OSNZ cen), 300 in paddock at Paua on 31/1 (AS&JMR), 29 on 4/6 (OSNZ cen). Waimango Swamp; 35 on 7/1 (GRP). Rangaunu H; c600 on 27/11, 14 on 3/6 (OSNZ cen). [N] Waipu E; 39 on 19/12 (GRP). [A] Tapora sand I; 285 on 18/3 (GRP). [SA] Manukau H; 505 on 20/11, 28 on 18/6. FoT; 40 on 6/11 (OSNZ cen). Miranda; max. 71 on 3/10 (BRK). [BP] Bowentown Shellbanks; 140 on 20/11 (BC). Kaituna Cut/Maketu E; 11 on 5/11 (L&GB,BC). Ohiwa H; 2 on 13/10 (WMH,WHS). Whangaparaoa E; 2 on 30/11 (WMH). [M] Manawatu E; 1 from 8/10 to 1/1 (JL&MM,P&RS). [HB] Ahuriri E; 2 on 23/10. Waitangi E; 1 on 23/10 (JGH,CFM). Porangahau E; 6 on 6/11 (OSNZ cen). [Wr] L Onoke; 1 on 30/10 (CES).

LESSER KNOT *Calidris canutus*

[FN] Parengarenga H; 155 on 2/7. Rangaunu H; 420 on 3/7, c4500 on 27/11 (OSNZ cen). [N] Whangarei H; 1477 on 19/11, 3370 on 4/3, 0 on 17/6 (OSNZ cen). [SA] Manukau H; 20515 on 20/11, 3523 on 18/6 (OSNZ cen); Pollock Spit; 1500 on 18/2; Kidds; 4-5000 on 19/3 (AMH). FoT; 7335 on 6/11, 22 on 4/6 (OSNZ cen). [Wk] Raglan H; 45 on 18/6 (OSNZ cen). [BP] Maketu E; max. 57 on 5/11 (PCL). Little Waihi; 40 on 5/11 (RC). [G/W] Ngamotu Lag; 27 on 13/11 (GAF). [M] Manawatu E; 27 on 7/7, max. 364 on 30/12, last c150 on 19/3 (JL&MM,P&RS). [HB] Ahuriri E; 33 on 5/11. Waitangi E; 5 on 5/11. Porangahau E; 89 on 6/11 (OSNZ cen). [Wr] L Onoke; 1 on 13/11 (CES).

GREAT KNOT *C. tenuirostris*

[SA] Pt Waikato; 1 on 3/10 (AMH). Kidds; Manukau H; 1 on 5/2 & 19/5 (AMH,DAL); Seagrove; 1 on 18/6 (PJA). [W] Waikanae E; 1 with 2 Lesser Knots on 16-17/10 (AJT *et al*).

SANDERLING *C. alba*

[SA] Manukau H; Kidds; 1 in non-breeding plumage on 19/5 (AMH). Seagrove; 1 on 18/6 (DJ&PJA). [M] Manawatu E; 1 from 29/12 to 2/1 (JH,CM,JL&MM,P&RS).

DUNLIN *C. alpina*

[SA] Access Bay, Miranda; 1 on 24/10 (AMH), and on 6/11(OSNZ cen).

CURLEW SANDPIPER *C. ferruginea*

[N] Waipu E; 2 from 4-20/12 (GRP), 1 on 4/2 (AS&JMR). [SA] Manukau H; 15 on 18/6 (OSNZ cen); Kidds; 3 on 25/9 (PJA et al), increasing to 26 on 1/1 & 47 on 28/1 (AMH,DAL), max. 52 on 16/2 (GRP), decreasing to 9 on 27/5 (AMH,DAL). Access Bay, Miranda; 4 on 14/8 (BHS), 19 on 27/10 (OSNZ cen), max. 20 on 1/1 (BAW), 13 on 9/3 (KW), still 1 on 28/3 (BHS). FoT; 30 on 6/11 (OSNZ cen). Matarangi Spit; 1 on 7/10 (BHS). [G/W] Ngamotu Lag; 6 on 13/11 (GAF). [M] Manawatu E; 2 on 9/10, 1 from 22/10 to 4/12 (JL&MM,P&RS).

SHARP-TAILED SANDPIPER *C. acuminata*

[FN] Waimango Swamp; 24 on 7/1 (GRP). L Ohia; 3 on 27/11 (GRP,GAP). [A] Mangere SP; 4 on 15/2 (GRP). [SA] Kidds, Manukau H; 4 on 10/12, 17 on 22/1 (AMH,DAL et al), 7 on 16/2 (GRP). Access Bay, Miranda; 1 on 11/9 (DJ&PJA), 10 on 23/10 (AMH), 14 on 30/10 (KW), max. 19 on 10/12 (BHS), 11 on 24/2 (DM&BMS). [BP] Maketu E; 1 on 4/11 (L&GB). Kaituna Cut; 6 on 22/1 (PCL). [G/W] Oraka E; 3 on 12/11 & 1 on 20/11 (GAF). [M] Manawatu E; 1 on 8/10, max. 9 on 28/1, last 2 on 15/4 (JL&MM,P&RS). [HB] Westshore Lag; 1 on 18/12 (JGH,CFM).

PECTORAL SANDPIPER *C. melanotos*

[FN] Rangaunu H; 1 on 27/11 (GRP,GAP). [SA] Kidds, Manukau H; 1 on 20/11 (OSNZ cen). Miranda; 2 on 27/11 (BAW,SC), increased to 3 on 5/3 (BAW). [M] Manawatu E; 1 on 6/11 (P&RS).

RED-NECKED STINT *C. ruficollis*

[FN] Rangaunu H; 4 on 7/1 (GRP). Waipu E; 1 from 4/12 to 9/1 (GRP). [SA] Kidds, Manukau H; 9 on 20/11, 6 on 18/6 (OSNZ cen). Access Bay, Miranda; 1 on 30/9, 2 on 11/10, increasing to max. 6 on 27/10 (KW), still 1 on 15/4 (SC). [M] Manawatu E; 1 on 22/10 and from 27/11 to 17/12 (JL&MM,P&RS). [HB] Ahuriri E; 2 on 30/10 (JGH,CFM,MT&PWT). Porangahau E; 4 on 6/11 (OSNZ cen). [W] Waikanae E; 2 from 9-17/10 (AJT et al), 1 on 24/10 (AJT).

EASTERN BROAD-BILLED SANDPIPER *Limicola falcinellus sibiricus*.

[SA] Miranda; last years bird still present 21/8 & last seen 9/3 (KW).

EASTERN CURLEW *Numenius madagascariensis*

[FN] Parengarenga H; 8 on 26/11, 2 on 4/6 (OSNZ cen). [A] Taporā sand I; 9 on 29/1 (PRS et al). [SA] Manukau H; 11 on 18/6 (OSNZ cen); Kidds; max. 9 on 4/3 (AMH). FoT; 6 on 24/10 at Miranda, 5 on 25/12 at Kaiaua, 3 on 4/6 (OSNZ cen). [BP] Maketu E; 1 on 4-5/11 (L&GB,BC). Ohiwa H; 1 on 4/10, 2 on 19/2, 1 on 20/4 (WHS,WMH). [M] Manawatu E; 1 from 6-20/11 (JL&MM,P&RS).

ASIATIC WHIMBREL *N. phaeopus variegatus*

[FN] Rangaunu H; 26 on 3/7, 9 on 3/6 (OSNZ cen). [N] Whangarei H; 32 on 19/11, 6 on 4/3 (OSNZ cen), 37 (highest count yet) on 25/3 (GNG,PRS), 0 on 17/6 (OSNZ cen). [A] Waikiri Ck, Kaipara H; 12 on 20/11 (GRP,GAP), 15 on 4/12 (GRP). [SA] Manukau H; Kidds; 10 on 20/11 (OSNZ cen). Access Bay, Miranda; 3 on 13/9

(KW), 17 on 13/10 (SJD,WNP). [Wk] Kawhia H; 3 on 17/6 (OSNZ cen). [BP] Maketu E; 3 on 5/11 (BC,PCL). Ohiwa H; 1 on 20/11, 3 on 1/1, 2 on 20/4 & 16/6 (WMH). [G/W] Maungawhio Lag; max. 11 on 18/1 (GAF). [HB] Ahuriri E; 1 on 24/10 (MT&PWT) & 10/6 (OSNZ cen). Waitangi E; 1 on 21/10 (JGH,CFM).

AMERICAN WHIMBREL *N. phaeopus hudsonicus*

[SA] Kidds, Manukau H; 2 on 20/11. FoT; 6 on 6/11 at Piako (OSNZ cen).

WHIMBREL ssp. *Numenius* ssp.

[FN] Parengarenga H; 18 on 26/11 (OSNZ cen). [SA] Manukau H; Kidds; 12 on 20/11, 2 on 18/6 at Seagrove (OSNZ cen). FoT; 10 at Access Bay on 18/7 (KW), 7 on 6/11 at Piako, 2 on 4/6 (OSNZ cen).

EASTERN BAR-TAILED GODWIT *Limosa lapponica baueri*

[FN] Parengarenga H; 352 on 2/7, 200 on 4/6. Rangaunu H; c700 on 3/7, c3500 on 27/11, 194 on 3/6 (OSNZ cen). [N] Whangarei H; 2645 on 19/11, 6797 on 4/3, 333 on 17/6 (OSNZ cen). [A] Whangapoua E, Great Barrier I; 75 on 24/11. Pāpakanui Spit; c1500 on 23/10 (GRP). Sandspit, Matakana R; 51 on 29/12 (GAT). [SA] Manukau H; 24865 on 20/11, 2301 on 18/6. FoT; 10040 on 6/11, 427 on 4/6 (OSNZ cen). Opoutere; 397 on 5/2 (BAW). Buffalo B, Whitianga; c200 on 23/9 (MBM). [Wk] Aotea H; c1000 on 19/11, 95 on 17/6. Kawhia H; 3610+ on 19/11, 185 on 17/6 (OSNZ cen). [BP] Tauranga H; 3225 on 20/11 (BC,RC,GH). Maketu E; max. 750 on 22/1 (PCL,L&GB). Little Waihi; max. 500 on 22/1 (PCL). Ohiwa H; max. 3200 on 1/1 (WMH). [G/W] Muriwai Lag; 188 on 3/12. Ngamotu Lag; max. 246 on 13/11 (GAF). [M] Manawatu E; max. 485+ on 20/11 (JL&MM). [HB] Ahuriri E; 73 on 18/9, max. 350 on 26/10 (OSNZ), 34 on 10/6 (OSNZ cen). Porangahau E; 250 on 6/11, 55 on 11/6 (OSNZ cen). [W] Waikanae E; 1 on 25/5 (JL).

ASIATIC BLACK-TAILED GODWIT *L. limosa melanuroides*

[SA] Kidds, Manukau H; 1 on 1/1, 28/1, & 19/5 (AMH,DAL). Miranda; 1 on 29/8 & 18/2 (KW), still present on 4/3 (PJA) & 26/3 (AMH).

SIBERIAN TATTLER *Tringa brevipes*

[N] Whangarei H; 1 on 25/2 (GRP). [SA] Kidds, Manukau H; 1 from 1/1 to 19/3 (AMH,DJ&PJA). Miranda; 1 on 30/10, still present on 25/4 (KW). Matarangi; 3 on 25/2 (BAW) & 11/3 (MBM). [M] Manawatu E; 1 from 8/10 to 10/4 (JL&MM,P&RS).

COMMON SANDPIPER *T. hypoleucos*

[N] Hatea R, Whangarei H; 1 on 30/1 (GRP) & 6/2 (PRS).

GREENSHANK *T. nebularia*

[M] Manawatu E; 1 from 3/12 to 10/4, often with Pied Stilts (JL&MM,P&RS).

MARSH SANDPIPER *T. stagnatilis*

[FN] Parengarenga H; 1 on 4/6 (GRP,AJG). Rangaunu H; 1 on 7/1 (GRP). [A] Tapora sand I; 2 on 28/1 (GNG,PRS et al). [SA] Manukau H; 1 seen at Pahurehure

Inlet on 18/1 & at Conifer Grove on 19/1 till 14/2 (ERW), Kidds on 20/1 (AMH,DAL), Seagrove on 18/6 (PJA) & Pollock Spit on 18/6 (A&SC).

TEREK SANDPIPER *T. terek*

[SA] Kidds, Manukau H; 1 on 1/1, last seen on 28/1 (AMH,DAL). Access Bay, Miranda; 1 on 10/7 (DAL), 2 on 24/10 (AMH), max. 4 on 15/4 (SC). [M] Manawatu E; 1 on 22/10 (JL&MM). [W] Waikanae E; 1 on 5/3 & 9-24/4 (JL,AJT,BAT).

BROWN SKUA *Catharacta skua lonnbergi*

[BP] BoP waters; 1 c8km nth of Mt Maunganui on 2/9, 1 near Pudney Reef on 3/11 (JEH). [G/W] Tolaga Bay; 1 on 21/10 (GAF).

SOUTH POLAR SKUA *C. maccormicki*

[W] Correction to CSN 1993/94; Cook Strait, 1 on 13/10, should have been Brown Skua (AJT)

ARCTIC SKUA *Stercorarius parasiticus*

[BP] Whakatane RM; 4 pale on 19/5, 1 dark on 8/6 (WMH). BoP Waters; 4 other sightings in Dec (DW,PML,WMH). [M] Foxton B; max. 4 on 1/4 (JL&MM). [HB] HB Coastal Waters; 4-5 birds seen Dec-April (BMT,RDN).

LONG-TAILED SKUA *S. longicaudus*

[SA] Kariotahi; 1 dead on 25/3 (DAL). Piako; 1 dead on 4/2 (J McCallum per DAL).

SOUTHERN BLACK-BACKED GULL *Larus d. dominicanus*

[SA] Manukau H; 182 on 20/11, 392 on 18/6. FoT; 313 on 4/6 (OSNZ cen). Matarangi; 114 on 25/2 (BAW). [BP] Panepane Pt, Matakana I; 609 on 20/11. Kaituna Cut; 120 on 5/11 (L&GB). [HB] Ahuriri E; 45 on 5/11, 196 on 10/6. Clive Wetlands; 113 on 5/11, 987 on 10/6. Porangahau E; 243 on 6/11, 63 on 11/6 (OSNZ cen).

RED-BILLED GULL *L. novaehollandiae scopulinus*

[SA] Kidds, Karaka; 100 on 9/5 (AMH). Manukau H; 3694 on 18/6 (OSNZ cen). Kaiaua; 103 on 4/3 (PCC,HJC,BAW). FoT; 1934 on 4/6 (OSNZ cen). [Wk] Kawhia H; 100 on 17/6 (OSNZ cen). [VP] Sulphur Bay, L Rotorua; colony nesting on lake margins among manuka; between Tudor Towers and Polynesian Pools on 6/11 (GAT,AJT), still nesting on 4/1 but with 100's of fledglings already present in Sulphur Bay (GAT).

BLACK-BILLED GULL *L. bulleri*

[SA] Wattle Farm, Manurewa; 4 ads, 13 c/b juvs on 3/3 (KJF). Kidds, Karaka; 10 ads, 2 juvs on 27/7 (AMH), 250 ads, 90+ nests, 1 visible ch on 10/12, 230 ads, most eggs hatched on 1/1 (AMH et al). Manukau H; 154 on 18/6 (OSNZ cen). Access Bay, Miranda; c50 courting, mating and calling noisily on 14/8 (BHS), c100 on 24/10 (AMH), 51 c/b juvs on 4/3 (DAL). FoT; 23 on 4/6 (OSNZ cen). [BP] Tarawera RM; 12 on 6/7 (KWB). Tern I, Ohiwa H; 12 on 20/11 (WMH). [VP] Sulphur Bay, L Rotorua;

c415 prs nesting with eggs or small/medium sized chs on 4/1 (GAT). [G/W] Wairoa E; 330 on 13/11, did not breed this season (GAF). [M] Manawatu R, Palmerston Nth; 155 with 53 nests on 7/12, 3 juvs on 6/2 (PFB,SEC). Manawatu E; max. c110 on 5/3 (JL&MM). [HB] Ahuriri E; 20 on 5/11 (OSNZ cen). Motorway Bridge, Tutaekuri R; 28 on 21/8 (RDN). Clive Wetlands; 217 on 5/11, 69 on 10/6. Poranahau E; 56 on 6/11, 26 on 11/6 (OSNZ cen). [Wr] Mangatainoka R; 200 breeding, 100 non-breeding on 17/11 (ERW).

WHITE-WINGED BLACK TERN *Chlidonias leucopterus*

[A] Mangere SP; 2 on 20/11 (DJ&PJA). [SA] Access Bay, Miranda; 1 on 29/11 (ASR). [M] L Horowhenua; 1 on 13/10 & 27-28/3 (MO). [HB] Westshore Lag; 1 on 27/11 (M&PWT), still present on 10/6 (OSNZ cen). [W] Waikanae E; 1 from 31/1 to 7/3 (IJL), non-breeding plumage noted on 4/2 (AJT).

GULL-BILLED TERN *Gelochelidon nilotica*

[HB] Ahuriri E; 1 on 27/2 (JGH,CFM), still present on 10/6 (OSNZ cen).

BLACK-FRONTED TERN *Sterna albobriata*

[FN] Rangaunu H; 2 feeding with White-fronted Terns off Rangiputa on 3/7 (GRP,GAP). Waimango Swamp; 1 on 25/6 (AJG). [SA] Access Bay, Miranda; 1 on 28/8 (KJF). [BP] Tarawera RM; 5 on 17/5 (KWB). Rangitaiki RM; 6 on 28/5 (PML), 1 on 2/6 (WHS). [M] Manawatu E; 4 on 4/3, 1 on 20/5 (JL&MM). [HB] Marine Parade, Napier; 5 on 6/5, far fewer than usual this year. Meeanee; 6 feeding over organic field on 9/7 (M&PWT). [W] Waikanae E; 1 ad, 2 juvs on 5/3 (AJT), 31 on 20/5 (MAF).

CASPIAN TERN *S. caspia*

[FN] Walker I, Rangaunu H; 108+ prs nesting on 27/11 (GRP,GAP), 122 chs on 7/1 (GRP). [N] Knight I, Whangarei H; 29 nests on 17/11 (GRP). [SA] Manukau H; 60 on 20/11, 107 on 18/6 (OSNZ cen). Waikato RM; 232 ads, 26 nests, 24 chs (12 free running, 12 in nests) on 14/1, 197 ads, 47 juvs on 15/1 (AMH,DAL). Access Bay, Miranda; 16 ads, 20 juvs on 19/9 (BHS), 53 on 3/10 (BRK). FoT; 36 on 4/6 (OSNZ cen). Whitianga; 13 ads, 4 juvs at Taputapuatea Stm on 11/8, 12 at Buffalo B on 25/2 (BAW). [Wk] Raglan H; 5 on 18/6. Aotea H; 15 on 19/11, 30 on 17/6. Kawhia H; 5 on 19/11, 21 on 17/6 (OSNZ cen). [BP] Bowentown Shellbanks; 132 on 20/11 (BC). Matakana I; 87 on 9/12 (DW). Sulphur Pt; 10 on 20/11 (GH). Kaituna Cut; 6 on 18/6 (PCL). Ohiwa H; 13 on 19/2, 37 on 19/4 (WHS), 8 on 16/6 (WMH). Tern I, Ohiwa H; 2 nests with 2 eggs each on 20/11, no chs raised due to probable Black-backed Gull predation (WMH). [VP] Sulphur Bay, L Rotorua; 5 on 6/11, 17 on 27/4 (GAT). [M] Manawatu E; 1 banded on 30/12 (P&RS), max. 30 on 8/1 (JL&MM). [HB] Ahuriri E; 0 on 5/11 (OSNZ cen), 40 on 9/4 (OSNZ). Waitangi E; 21 on 25/6 (R&TAS). Porangahau E; 11 on 11/6 (OSNZ cen). [Wr] Onoke Spit; 34 nests on 30/10, 38 nests on 13/11 (CES). [W] Waikanae E; 30 on 5/3 (AJT). Moonshine Bridge, Hutt R; 2 15km inland on 30/7 (ARM).

WHITE-FRONTED TERN *S. striata*

[N] Marsden Pt; 1012 on 4/3. Glinks Gully-Mahuta Gap; 60 on 8/4 (PRS,PMC). [SA] Kidds, Karaka; 200+ nesting amongst Black-backed Gulls on 1/1 (AMH *et al*). Waikato RM; 630 on 4/12, 25 ads, 2 juvs, 1 pullus on 14/1 (AMH,DAL). Sunset B, Port Waikato; 152 on 13/5 (AMH). Maraetai B Wharf; 141 ads, 4 juvs on 24/2 (AMH). Access Bay, Miranda; 19 ads, 14 juvs on 4/3 (BAW *et al*). Opoutere; c1000 on spit on 8/2, 131 ads, 27 juvs on 18/2 (BAW). [BP] Sulphur Pt; 90 on 20/11 (BC). Papamoa; at least 100 fishing just beyond surf on 16/2 & 26/2 (PML). Rangitaiki RM; 234 on 18/5 (WMH), 120 on 21/8 (RMW). Waiaua E; 350 on 5/11 (WHS). Whangaparoa, Cape Runaway; 101 on 1/3 (WMH). [M] Manawatu E; max. c250 at bar on 4/3 (JL&MM). [HB] Waitangi E; c100 on 17/4 (JGH,CFM). Clive Wetlands; c1300 mostly at Tukituki E on 5/11, 19 on 10/6 (OSNZ cen). Kairakau B; 79 on 22/4 (RDN). Porangahau E; c85 on 6/11 (OSNZ cen). [Wr] Onoke Spit; 40 on 13/11 (CES).

SOOTY TERN *S. fuscata*

[N] Dargaville B; 2 dead on 12/11 (PMC).

NEW ZEALAND FAIRY TERN *S. nereis davisae*

[N] Waipu E; 3 prs each nested twice, 2 chs fledged 94/95 (CW,GRP). [A] Mangawhai E; 4 prs nested, no chs hatched 94/95 (CW,GRP), 7 on spit on 8/10 (HRC *et al*). Te Arai; 11 on 18/3 (GRP,LS). Taporā, Kaipara H; 3 at Journey's End Rd on 29/1 (OSNZ). Waikiri Ck; 4 on 3/4, 11 on 22/4, 15 on 19/5 (GRP *et al*).

EASTERN LITTLE TERN *S. albifrons sinensis*

[FN] Rangaunu H; 33 on 27/11 (GRP,GAP). [N] Whangarei H; 2 on 18/2 (GRP). [A] Mangawhai E; 4 on 9/1 (GRP). Tauhoa, Kaipara H; 42 roosting on 20/11 (GRP,GAP), c40 feeding in loose flock similar to White-fronted Terns on 24/2 (GRP). Rat I, Kaipara H; 1 on 12/11 (HRC *et al*). [SA] Seagrove; 2 on 19/5 (AMH). Kidds, Karaka; 9 on 20/11 (OSNZ cen), 15 on 1/1 (AMH,DAL). Access Bay, Miranda; 1 on 4/11 (KW), 3 from 1/1 (BAW) to 26/3 and 2 on 21/5 (AMH). FoT; 2 on 4/6 (OSNZ cen). [BP] Sulphur Pt; 2 on 20/11 (BC). Maketu E; 1 on 5/11, 2 on 29/1 (PML).

CRESTED TERN *S. bergii*

[M] Manawatu E; 1 on 5-7/1 (JL&MM). [W] Waikanae E; 1 in Jan (J Hawkins per AJT).

EASTERN COMMON TERN *S. hirundo longipennis*

[W] Correction to CSN 1993/94; bird seen was at Pukerua Bay (AJT).

NEW ZEALAND PIGEON *Hemiphaga novaeseelandiae*

[N] Aorangi I, Poor Knights; 2 seen in May, first record for this island group (N Henry per RJP). Whangarei; 2 prs feeding in palm on 10/10 (AJB). Onerahi; on 20/10 noted feeding on Taiwan Cherry tree fruit, Puriri & Loquat berries, also Titoki berries around the city, feeding on Honeysuckle vine leaves in June (PA). Mt Tiger, Whareora; June, display dives earlier than previous years, good fruiting of Kohekohe, Taraire etc (RJP). [BP] Recorded in Te Puke, Papamoa, Rangiora & Whakatane

(PCL,RL,WMH). [HB] Blowhard Bush; plentiful on 22/4, perhaps as a result of recent predator control (JGH,CFM). [Wr] Wairongmai; 34 seen on Tree Lucerne on 27/6 (JM).

ROCK PIGEON *Columba livia*

[BP] Karewa I; up to 5 on 27/4-2/5 (AJT).

SPOTTED DOVE *S. chinensis*

[BP] Records from Katikati, Omokoroa, Rangiuru & Opotiki; increasing around Te Puke (PCL,BC,WHs).

SULPHUR-CRESTED COCKATOO *Cacatua galerita*

[N] Parakao; 2 on 7/11, first record for Northland (F Field per GRP). [SA] Miranda-Mangatangi Rd; 18 on 7/5 (PH et al), 22 on 30/5 (GJE). [Wk] Huntley; 55 on 25/4. Rotokauri Rd; 5 on 30/4 (DCE). Mt Karioi; several in April (PCC). Whatawhata Research Station; 2 on 8/10 (CAM). [BP] Te Puke; 3 on 12/9 (PCL). Rangiuru; 11 on 30/5 (RL). [HB] Tukituki R; 2 during Dec (KSB). [Wr] Dry R; 2 (DMS). Clifton Grove; 10 in mid June (HWB). [W] Reikorangi; 1 on 1/10 (AJT).

GALAH *C. roseicapilla*

[SA] Ponui I; 16 on 19/9 (P Chamberlin per AJG). Mangatawhiri; 2 on 11/8 (AMH).

NORTH ISLAND KAKA *Nestor meridionalis septentrionalis*

[FN] Puketi F; 1 on 2/11 (GRP). [N] Whangarei; 1-4 seen in suburbs-Onerahi, Whau V, Mairtown & just outside city at Maungatapere, Vinegar Hill & Mt Tiger (PA, PRS,PMC,RJP). Parua Bay; up to 10 in Feb-June (RJP). Lady Alice I; feeding scars on Pohutukawa bark and 1 eating Puriri fruit on 6/12 (AJT). Coppermine I, Chickens I; nest of 3 young on 7/12 in hollow base of Cabbage tree, third year running in this tree (RJP). [A] Matheson Bay; 1 on 3/1 (DFB). Shakespeare RP; 2 on 29/12 (GC). Te Haruhi Bay; 1 on 30/12 at 2020 hrs (B&TG). [SA] Sightings of 2 at Patumahoe School on 12/7 (G Hooper per DAL), Awhitu; 1 on 2/7 (VMR), Hunua Ranges 2 on 9/10 (NCP) & Waharau 1 in Feb (DGB). Great Mercury I; 2 on 21/5 (TH). [Wk] Te Aroha; 1 on 10/9 (DJR,JCS). Newstead; 2 in oak trees over winter (W&MM), 2 in *Lawsoniana* & gums 13-14/9 (SMW), 1 in *Casuarina* on 3-6/6 (PCC). Hillcrest; 1 in Sept, fed by hand (per BAW). Hamilton; 1 on 27/7 just sth of city (JWS). Aongatate, Kaimais; 1 on 27/7 (JHR). Pureora; 4-5 on 24/8 (BHS). [BP] Whakatane; 1 on 8/9 (WMH). [VP] Rotorua; 1 on 13/6 Te Ngae Rd (S Armstrong per KLO).

EASTERN ROSELLA *Platycercus eximius*

[SA] Whangapoua E; 2 on 10/8. Opoutere; 1 on 11/8 (BAW). [BP] Recorded from MacLarens Falls, Te Puke, Pongakawa V & Kukumoa (PCL,RMW,WHs). [VP] Atiamuri; 1 on 1/8 (L Robinson per KLO). [M] Kimberly SR; 10 on 18/8 (MO). [W] Upper Hutt; regularly seen (RB), 18 on 9/10 (JW). Central Park, Brooklyn; 1 on 30/8 & 3/4 (AJT).

RED-CROWNED PARAKEET *Cyanoramphus novaezelandiae*

[A] Little Barrier I; 5 eating *Coprosma arborea* berries on 4/7 (BHS). Great Barrier I; a few on 23-30/11 (AJT,KRM), 1 seen on 9/2 in Kaiarara V (EKC).

YELLOW-CROWNED PARAKEET *C. auriceps*

[Wk] Pureora; 5-6 on 24/8 (BHS). Mt Pirongia; 2 (probably yellow crown) in June-August (TAB). Kihikihi Track; 1 (probably yellow crown) on 21/9 (WIR).

SHINING CUCKOO *Chrysococcyx lucidus*

[N] Russell F; first heard 19/9 (PA). [A] Titirangi & Wenderholm; first heard on 26/9 (MSG,JED). [SA] Pukekohe; first heard on 26/9 after persistent NE winds (AMH). Clevedon; 1 heard on 24/9 (AJG). [Wk] Hillcrest; first on 5/10 (PCC). Few records, seemed scarce this year (DJR). [HB] Te Awanga; 1 on 24/9 (BMT).

LONG-TAILED CUCKOO *Eudynamis taitensis*

[N] Maunu; 1 from 24-30/7. Mt Tiger Rd, Whareora; 1 on 8/8, 18/2 & 20/2, post breeding numbers fewer and earlier than last year (RJP). [A] North Shore; 1 seen & heard on 25/10 (MJT). [SA] Totara Park, Manurewa; 1 on 15/4 (PB). Pukekohe East; 1 eating weta on 16/4 (P Hatch per AMH). [Wk] Cambridge; 1 in garden on 12/4 (per BHS). [W] Waikanae; 1 on 11/11 (BAT).

MOREPORK *Ninox novaeseelandiae*

[BP] Ngamuwahine; 2 on ground in light bush during day (PCL). [M] Round Bush, Foxton; 1 on 4/1 (JL&MM). [W] Normandale; 1 in bright daylight at 0921 hours, seen taking a sparrow on 22/5 (MLF).

KOOKABURRA *Dacelo novaeguineae*

[N] Singles & prs seen/heard at Glenbervie, Maunu & Maungatapere (RJP).

NEW ZEALAND KINGFISHER *Halcyon sancta vagans*

[N] Mt Tiger Rd, Whareora; repeated calling from several birds on 24/8, first time in season (RJP). Onerahi; first heard calling on 28/8 (PA). [BP] Ohiwa H; 22 on 30/6/94 (WMH). [HB] Ahuriri E; numerous during winter months (PWT). Porangahau E; 30 on 11/6 (OSNZ cen).

NORTH ISLAND RIFLEMAN *Acanthisitta chloris granti*

[BP] Papamoa; several sightings on farmland, also in sand dunes (PCL). Pikowai; 1 on 30/6/94 (WMH). [HB] Mohi Bush; numerous on 28/5 (OSNZ). [W] Kapakapanui Trig track; common on 22/3 (AJT,KRM).

WELCOME SWALLOW *Hirundo tabitica neoxena*

[Wk] Hamilton L; max. 120 on 25/9 (OSNZ cen).

NEW ZEALAND PIPIT *Anthus novaeseelandiae*

[W] Pukerua Bay; 1 on 27/8 (AJT).

HEDGE SPARROW *Prunella modularis*

[N] Mt Tiger Rd, Whareora; first song of season on 30/7 (RJP). Onerahi; singing on 24/8 (PA).

BLACKBIRD *Turdus merula*

[N] Mt Tiger Rd, Whareora; part song from 1-2 individuals at 250m asl at end of June (RJP). Onerahi; first song in 1993/94 on 21/7, in 1994/95 on 2/6 at 1745 hrs. These are the earliest observations since records begun in 1983 (PA). [A] Auckland; first song at dusk on 12/6 (DB). [W] Brooklyn; 1 male bashed and ate a 3cm male tree weta on 5/1, 1 eating ripe Taupata fruit on 23/3 (AJT).

SONG THRUSH *T. philomelos*

[N] Mt Tiger Rd, Whareora; first calls on 6/5, full song on 8/5 (RJP). Onerahi; pre-singing on 20/4, full song on 21/5 (PJA). [HB] Tamaki R, Sth Ruahines; 1 in song on 13/5 (KVT).

NORTH ISLAND FERNBIRD *Bowdleria punctata vealeae*

[A] Great Barrier I; several on 24-29/11, Awana Stm flats & upper Kaitoke Ck region (AJT,KRM). [SA] Thurlow Park, Puhinui; heard on 1/9 along shoreline (B Clarkson per RW). [BP] Tarawera RM; 2 on 5/11 (JB,RMW).

WHITEHEAD *Moboua albigilla*

[BP] Ngamuwahine; a flock on 30/7 (PCL). [HB] Blowhard Bush; present on 22/4 (JGH,CFM). [W] Pinehaven; 2 on 15/1 (GS). Mt Wainui; present 26/6 (EG).

GREY WARBLER *Gerygone igata*

[HB] Haumoana B; several in Ngaio on 2/5 & 20/6 (KVT).

NORTH ISLAND FANTAIL *Rhipidura fuliginosa placabilis*

[VP] Galatea F; 1 albino on 5-6/3 & 18/4 (I Taylor per KLO).

NORTH ISLAND TOMTIT *Petroica macrocephala toitoi*

[FN] Kaeo E; 1 pr in tall Kanuka/wilding pines on 23/8. Hihi; several on 1/7, this population appears to be increasing since last observations in 1986 & 1993, (most northern population in NZ) (PA). Waikare Settlement; 1 on 14/9 (AJB). Mt Tiger Rd, Whareora; numbers increasing annually, heard irregularly Oct-Jan & regularly late March-June, first female seen (mist netted) in March (RJP). Purua & Riponui; first reports for these areas (P Graham per RJP). [Wk] Whatawhata Research Station; 5 in Manuka scrub on 8/7 (TDD). [HB] Blowhard Bush; present on 22/4 (JGH,CFM). Napier; 1 male in suburban garden on 18/2 (DJF).

NORTH ISLAND ROBIN *P. australis longipes*

[BP] Kaimai; 1 on summit of SH 29 on 2/6 (ADL). Nth Urewera NP; 2 on 10/7 (WHS). [VP] Tihi Rd, Rotoma; 1 in suburban garden on 3/3 (R Grubner per KLO). [HB] Whatatu Afforestation; 3 on 24/5 (KVT).

SILVEREYE *Zosterops lateralis*

[W] Waikanae B; 5 feeding on Ngaio flowers on 10/10 (AJT).

BELLBIRD *Anthornis melanura*

[N] Lady Alice I; 1 feeding on *Rhabdothamnus* flowers on 6/12 (RJP,AJT). [A] Little Barrier I; 1 seen "tree-creeping" up large Kanuka 9/7 (BHS). [Wk] Ngutunui; sizeable flock on 8-9/5 (TAB). Taumaranui; 2 in Sept feeding on *Japonica* & *Camelias* (MJ). [HB] Blowhard Bush; plentiful on 22/4, perhaps as a result of predator control (JGH,CFM).

TUI *Prosthemadera novaeseelandiae*

[A] L Rotoehu; 15-20 hawking for insects? from perch at top of pine tree 21/8 (BHS). [SA] Waharau, Hunua Ranges; 3 seen & more heard on 31/3 (DJ&PJA). [Wk] Hillcrest; 2 on 12/1 (PCC). [BP] Ruamahua I. Alderman Is; 2 feeding on Pohutukawa flowers on 2/11 (GATAJT). Te Puke; 24 in a Taiwan Cherry tree on 30/8 (ADL,PCL). [HB] Blowhard Bush; plentiful on 22/4, perhaps as a result of predator control (JGH,CFM). [Wr] Holdsworth Lodge; 1 eating ripe *Coprosma grandifolia* fruit on 19/3 (AJT).

YELLOWHAMMER *Emberiza citrinella*

[N] Mt Tiger Rd, Whareora; first song on 10/9 (RJP). Whatatiri; first song on 14/9 (PA).

CHAFFINCH *Fringilla coelebs*

[N] Mt Tiger Rd, Whareora; first song on 10/9 (RJP). Onerahi; first song on 4/8 (PA). [A] Auckland; first song on 8/8 (MJT). [M] Foxton B; c40 males only at Sewage Works on 28/8 (JL&MM).

GREENFINCH *Carduelis chloris*

[N] Onerahi; first song on 25/8 (PA). [BP] Papamoa; feeding on sliced kiwi fruit in Aug/Sept (PCL). Kawerau; 30+ in Macrocarpa trees on 30/4 (RMW).

REDPOLL *C. flammea*

[N] Mt Tiger Rd, Whareora; 2 on 18/9 & 30/10, more frequently & flocking in April-June (RJP). [SA] Miranda; 2 with Goldfinches on 14/8 (BHS). [Wk] Glen Massey Rd, L Whangape; flock on 20/8 (BHS). [BP] Te Puke; 40 in kiwi fruit orchard on 31/8 (PCL).

COMMON MYNA *Acridotheres tristis*

[Wk] Oparau; "Lutino" bird with white wings, light buff body on 15/1, apparently mated with normal bird (WIR,JK).

NORTH ISLAND KOKAKO *Callaeas cinerea wilsoni*

[Wk] Hauturu Rd; 1-3 seen & heard regularly (WIR et al). Mapara; 42 chs fledged by 15/11, 7 prs renested after fledging first clutch (per PJT).

NORTH ISLAND SADDLEBACK *Philesturnus carunculatus rufusater*

[A] Little Barrier I; 1 pr picking *Pittosporum umbellatum* fruits, then holding them in the foot against a branch to eat seeds 4/7 (BHS).

ROOK *Corvus frugilegus*

[SA] Miranda; 105 in paddocks sth of Kaiaua on 11/6 (KW). FoT; 41 on 4/6 (OSNZ cen). [Wk] Woodlands Rd, Gordonton; 8 on 7/2 & 17/2, an increase from 3 the previous year (DWR). [HB] Riverbend Rd, Napier; several nests in creekside trees on 9/10 (MT&PWT). Puketapu Rd near Taradale; 10-12 nests in gums on 4/9 (RS&TAS). Weber; 2 colonies of c10 & c16 nests on 23/11 (KVT).

SHORT NOTE

Predation of Northern New Zealand Dotterels (*Charadrius obscurus aquilonius*) by stoats

Survival of the New Zealand Dotterel (*Charadrius obscurus*) is threatened by a number of factors. The most important appearZ to be destruction and degradation of breeding habitat (Cumming 1991), disturbance during breeding caused by human recreational activities on beaches (Lord 1996) and predation (Marchant & Higgins 1993).

Little is known about the impact of predators, native or introduced, on the species. The decline of the Southern New Zealand Dotterel (*C. o. obscurus*) (Dowding 1994) on Stewart Island has probably been caused largely by feral cats (*Felis catus*) and possibly by rats (*Rattus* spp.) (Dowding & Murphy 1993). Known and potential predators of Northern New Zealand Dotterels (*C. o. aquilonius*) were listed by Marchant & Higgins (1993) but the impact of any of these predators on survival or productivity of dotterel populations is unknown. It is usually difficult to prove a link between any predation event and a particular predator species, especially where the suspected predator is nocturnal and/or secretive. We report here observations which demonstrate that stoats (*Mustela erminea*) are predators of eggs, chicks and adult New Zealand Dotterels.

Between October 1994 and February 1995, Department of Conservation staff monitored New Zealand Dotterels breeding at three sites in the eastern Bay of Plenty (Mark Dobbins, unpubl., Opotiki Field Centre). In early October, seven pairs were present at Waiaua Spit but by late October only two pairs and a single bird remained. On 17 October 1994, Mark Dobbins found a burrow in an isolated patch of gorse (*Ulex europaeus*) on the spit by following tracks from a nearby dotterel nest. On this and later occasions, marks in the sand showed clearly that eggs had been rolled and bodies of birds had been dragged to the burrow from various parts of the spit. The small size of the entrance (about 30 mm across) suggested that it was occupied by a rodent or mustelid. When excavated, the burrow was found to contain the remains of New Zealand Dotterels. On 28 October, Shane Morris and David Rush found a similar hole about 3 m from the first burrow. As they examined it, an adult stoat ran from the entrance; three young stoats and further New Zealand Dotterel remains were found when the den was excavated.

We examined the contents of both dens. The first contained the remains of at least six adult New Zealand Dotterels (four left wings, six right wings, three feet and a head) and one chick (a foot). The only other prey remains were the tail of a mouse (*Mus musculus*) and the leg of a large beetle, which we later identified as a sand scarab (*Pericoptus truncatus*). The second den contained the remains of at least five adult New Zealand Dotterels (one adult beheaded, one joined pair of wings, three left wings, two right wings, three heads) and numerous fragments of New Zealand Dotterel eggshell. There were no other prey remains.

The proximity of the dens, the similar size of the entrances and the similarity of prey remains suggest strongly that the two dens were used by the same stoat. Stoats

are solitary and females, who rear the young alone (King 1989), normally have exclusive ranges, which are typically 50-100 ha in New Zealand (Murphy & Dowding 1994, 1995). It therefore seems likely that one female stoat killed at least eleven adult New Zealand Dotterels (and an unknown number of eggs and chicks) within two months. Many of the stoat tracks and drag-marks found in the sand began close to nests (Mark Dobbins, pers. comm.), suggesting that some adults were killed either on or near the nest.

On 7 February 1995, eight fledged juvenile New Zealand Dotterels were released at Omaha Spit, North Auckland. Five of these had been captive-reared at Otorohanga Zoo and three at Auckland Zoo. Within three days of the release six of the eight were missing; when released, the birds were not strong fliers and it seems unlikely that they were able to disperse any distance so rapidly. On 9 February, the remains of at least two of them (two left wings, two right wings and the metal band from one bird) were found about 30 m from the release point, surrounded by fresh stoat tracks. None of the six was seen again, despite numerous searches of adjacent stretches of coastline during the following year.

Because of the relatively small area of the spit and adjacent scrub at Omaha, it seems likely that one stoat was responsible for killing at least two (and probably six) fledged juvenile New Zealand Dotterels in only three days. Even though these birds were captive-reared (and may have been more naive towards predators than wild-bred juveniles), their disappearance was rapid. Only one of the eight birds released at Omaha was known to be alive one year after release. These results have obvious implications for a number of programmes involving captive-rearing of threatened or endangered bird species in New Zealand.

Stoats which learn to kill adult New Zealand Dotterels can have a dramatic local impact on the species, reducing or extirpating whole breeding groups. Killing is independent of hunger and stoats will continue to kill suitable prey and store them (King 1990). No predation by stoats was detected at the two other sites monitored in the eastern Bay of Plenty (Waiotahi Spit and Waioeka River, which had three and five pairs of dotterels respectively). However, the birds killed at Waiaua Spit represented approximately 1% of the breeding adults in the northern subspecies (Dowding, unpublished data). Whether such predation is sufficiently common and widespread to threaten the survival of the species is unknown, but stoats are common in beach and dune habitat (King 1990) and could therefore be a significant and under-rated predator of New Zealand Dotterels. Stoats are known to take eggs from nests of Banded Dotterels (*C. bicipunctus*) (Fitzgerald 1964) and Red-billed Gulls (*Larus novaehollandiae*) (Morris 1976). They probably affect other ground-nesting coastal birds (such as terns and oystercatchers) in New Zealand.

Two further points are worth noting. First, even when stoats have been identified as a problem locally, they may be difficult to control effectively - attempts to trap the stoats at both Waiaua Spit and Omaha Spit were unsuccessful. Second, the number of adult dotterels at Waiaua Spit had increased to at least eight by early January 1995 (Mark Dobbins, unpublished data), presumably as unpaired birds or pairs without territories occupied the vacant areas of the spit. Without the close monitoring that occurred, the losses at Waiaua would probably have passed undetected.