

# CLASSIFIED SUMMARISED NOTES, NORTH ISLAND

1 JULY 1989 TO 30 JUNE 1990

Compiled by GRAEME A. TAYLOR and G. RICHARD PARRISH

Classified Summarised Notes (CSN) are a selection of observations provided by 211 members and friends of the Ornithological Society of New Zealand. This year observations were received from all but two regions (Taranaki and Wanganui), and in addition, eight members provided individual contributions. The level of support for CSN is slightly down on last year with fewer records from Auckland and South Auckland. In particular, census counts of common species of wading bird in the Manukau Harbour and Firth of Thames were not provided this year. However, large and detailed contributions were reported by Hawke's Bay and Bay of Plenty regions. A significant contribution was provided by Janet Houston, who collected systematic observations of seabirds from a fishing boat in the Bay of Plenty. This will increase our knowledge of the annual patterns of many pelagic seabirds.

The format of CSN this year follows the new 1990 *Checklist of the Birds of New Zealand*. All records from kiwi to gamebirds plus skuas, gulls and terns were collated by GAT, and rails, waders and pigeons to passerines were collated by GRP.

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**Abbreviations:** asl above sea level; B Beach; BoI Bay of Islands, cen census; Crk Creek; E Estuary; FoT Firth of Thames; F Forest; SFP State Forest Park; H Harbour; HQ Headquarters; imm/s immatures/s; I Island; juv/s juvenile/s; Lag Lagoon; L Lake; NP National Park; Pen Peninsula; Pt Point; Res Reserve; R River; Rd road; SF State Forest; 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.

Manukau H census: summer 26/11/89, winter 24/6/90

Firth of Thames census: summer 23/12/89, winter 27/5/90

### BROWN KIWI *Apteryx australis mantelli*

[N] Waipoua SF, Kauri Sanctuary, several heard calling and probes found next to hut on 8-9/5; Pukenui Forest, Whangarei, 3 males calling on 25/1, 1 dead female (killed by dog) found on track on 26/1 (PA). L Tahora, 1 heard on 14/4 (P&KM). [VP] Kaimanawa SFP, 1 heard near confluence of Tauranga-Taupo R and Cascade Stm on 20/1 (TAS).

### LITTLE SPOTTED KIWI *A. owenii*

[N] Hen I, 1 on 23/5, 800 m ENE of lighthouse at 2220 h (P&KM).

### NEW ZEALAND DABCHICK *Poliocephalus rufiopectus*

[N] L Rehutai, Dargaville, 2 on 25/2; dune lake 2-3 km north of Round Hill, 1 pair + 2 juvs on 28/10; lake west of Kaipara Lighthouse, 23 on 25/3 (P&KM). L Humuhumu, Poutu, 5 + on 19/4 (RJP). [A] L Kereta, Kaipara South Head, 16 adults + 2 small chicks on 2/9 (PFB, AJT, PS, CJ). [Wk] Whitehall, near Cambridge, 1 on farm dam, early to late May (TBT). Cambridge SP, 5 on 17/5 (BHS). [BP] Matata Lag, 2-4 on main lagoon between 30/1 and 2/6 (PCL, AM, AJT, RMW), 2 on 30/6 (P&KM). Kawerau, 2 on 23/7 on small lake on Maori Affairs farm opposite Tasman Pulp and Paper Co's mill (RMW). [VP] L Okataina, 3 pairs at northern end of lake on 27/12 (GAT). L Rotorua, 1 pair taking turns to carry a small chick on 31/10 (BHS). Sulphur Bay, L Rotorua, 2 on 26/12, 3 on 5/1; Whakarewarewa SFP, 5 mile swamp, 1 juv on 26/12, had pale breast with reddish tinge on neck, head had pale stripes (GAT). L Okareka, 6 adults and 2 juvs along western margin of lake on 27/10 (KOW). L Ngahewa, near Waiotapu, 1 on 5/1 (GAT, SLT). [M] Foxton No.1 L, max 12 on 6/8, 2 pairs, each with 1 juv on 1/1; Foxton No.2 L, 2 on 10/12; Heatherlea Pond, near Levin, 1 on 6/8 (JLM). Forest Ls, Otaki (GR NZMS 260: S25-931505), present on 16/9 (DS, MS). [HB] Westshore Lag, Napier, 4 in July (TAS),

6 on 10/6 (OSNZ Cen). Puketapu Swamp, pair with 2 half-grown young on 28/1 (TAS, RS) (young rarely seen in Hawkes Bay). East Clive – Haumoana, 1 from 30/4 to 7/7/90, not often seen here (RS, TAS, MPT, PWT). L Rangitapu, near Omakere, 10 on 8/4 (a lake not checked previously) (KVT, BJW). L Hatuma, c55 on 17/6 (CFM, JGH). L Purimu, near Wanstead, 6 on 30/7 (BDH, HAR), courtship display by pair noted on 19/8 (OSNZ group), 12 on 17/6 (CFM, JGH). Wanstead lag, 3 kms from L Purimu, 10 on 30/7 (BDH, HAR) and 19/8, 7 on 17/6 (CFM, JGH). A significant increase in numbers noticed in last 2-3 years, with some larger counts at established habitats and small counts at widespread lakes and lagoons, some where birds have not been recorded previously. Most sightings autumn-winter (MTC). [W] Waikanae E, 2 on 15/5 (AJT, BAT). L Puketewhaino, Waikanae, 2 on 8/1 (AJT). Ratanui Ls, Paraparaumu, 2 on 15/5 (AJT, BAT).

#### AUSTRALASIAN LITTLE GREBE *Tachybaptus novaehollandiae*

[N] Ngapuhi, near Kaikohe, 4 including 1 juv on large pond on 24/6; Kauri, near Whangarei, 5 in Jan, pair only in Feb, nesting on lilies (RJP). L Owhareiti, near Kaikohe, 1 pair on 6/6 (PA). Round Hill, dune lake 2-3 km north, 1 pair on 28/10 (P&KM). [A] L Kereta, South Kaipara, 1 on 3/7 (VJL) and 29/7 (GAP).

#### WANDERING ALBATROSS *Diomedea exulans*

[BP] Halfway to Mayor I from Mt Maunganui, 1 imm (all brown but for white face and underwing) on 25/4 (JEH). Plate I, 1 adult offshore on 2/9 (PCL). [W] Cook Strait, 1 stage 3 plumage on 25/12 (AJT), 1 full adult plumage on 2/1 (IS).

#### BLACK-BROWED MOLLYMAWK *D. melanophrys*

[BP] Off Mayor I, (usually midway Mayor I and Mt Maunganui) 1 or 2 imms on 7 visits between 8/6/89 and 12/8, 3 imms on 2/9 and 12/9, singles on 24/9, 28/9, 10/10 and 14/10, 2 imms on 18/10 and 21/10. Another 6 visits were made from 22/10 to 31/10 with max of 8 (all imm) on 29-31/10, these birds were hungry enough to come and feed at the boatside. Birds seen on each of 5 visits during Nov, max 3 imms. Six visits were made in Dec with max 7 imms on 20/12. In Jan, single imm birds noted on 7-8/1. No further sightings until 25/4 when 1 adult "impavida" and 1 imm were seen. In May, 1 imm on 6/5 and 2 on 13/5 (JEH). Off Motiti I, 1-3 imms on 7 visits between 10/5/89 and 9/8, single imms on 19/10 and 4/11, 4 imms on 21/11, 1 adult "impavida" and 1 imm on 5/6, 1 imm on 30/6 (JEH). [HB] Napier B, 1 adult on 5/1 (IS). [W] Cook Strait, 1 adult on 6/8 (IS), 2 imms with dusky bills, without collar, 1 with grey underwing, other whiter on 25/12 (AJT), 2 adults on Ferry crossing on 16/6 (GAT, IS, AJT, PFB).

#### WHITE-CAPPED MOLLYMAWK *D. cauta*

[BP] Off Mayor I, 1 adult on 29/10 and 10/1 (JEH). [M] Foxton B, 4 passing north on 23/12 (JLM). [W] Cook Strait, 2 adults on 25/12 (AJT, AD), c.50 seen on Ferry crossings on 16/6 (PFB, AJT, IS, GAT).

#### GREY-HEADED MOLLYMAWK *D. chrysostoma*

[BP] Off Mayor I, 1 imm on 15/7 (JEH).

**YELLOW-NOSED MOLLYMAWK *D. chlororhynchos***

[SA] Whitianga, 1 offshore on 5/7 (N.Hopkins per AJT), 1 white-headed bird offshore on 18/7 (AJT, TGL, GAT). Whangamata, 1 found dead on beach on 7/10 (HS). [BP] Off Mayor I, 1 adult on 9/7, 4 adults and 1 imm on 15/7, 1 or 2 birds were seen each visit on 16/7, 25/7 and 12/8, 1 adult on 12/9 then no more sightings until 1 adult on 13/5 and 1 imm on 22/5; Off Motiti I, 2 adults and 1 imm on 5/7, 1 adult on 18/7, 1 imm on 15/5 and 31/5, 1 adult on 30/6 (JEH).

**BULLER'S MOLLYMAWK *D. bulleri***

[W] Cook Strait, 1 on 16/6 (AJT, GAT, PFB, IS).

**LIGHT-MANTLED SOOTY ALBATROSS *Phoebastria palpebrata***

[SA] Whitianga, 1 found alive on beach, it died later on 6/10 (HS). [BP] Off Mayor I, 1 adult on 1/8 (JEH). Mt Maunganui, 1 dead on beach on 4/10 (KF). [Wr] Ahikouka Rd, north of Greytown, 1 grounded after storms in early June, later released successfully at Castlepoint (DW, MW). Tauherenikau Racecourse, another bird found near here in very poor condition and later died (DMS). Cape Palliser, two sightings of single bird on 17/6 and 20/6 from fishing boat c3 km offshore (AGS).

**ALBATROSS/MOLLYMAWK sp.**

[A] South of Little Barrier I, 1 on 23/4, possibly a Grey-headed but too distant to confirm ID (ASR, PS, TCG).

**FLESH-FOOTED SHEARWATER *Puffinus carneipes***

[A] Pakiri B, 1 freshly dead bird ashore on 1/10 (CJ, SPC). Kauwahaia I, Te Henga, 1 ashore on 19/12 (GAT, KS), 7 on 31/1 including pairs in burrows (AJT, GAT). [BP] Off Mayor I, none seen after 13/5/89 until first sighting for new season on 24/9 (JEH), c10 on 30/9 (RSC). Birds then seen in varying numbers on virtually all visits to Mayor I and Motiti I up to 27/4, after that single birds only seen on 1/5 and 13/5. On 25/4 and 27/4, up to 30 very hungry birds gathered to feed on scraps about the boat (JEH). [G/W] Tolaga Bay, c50 km offshore, feeding flock built up to 130 birds from 0900 to 1300 hours on 16/4, feeding on saury in association with dolphins and tuna (GAF).

**BULLER'S SHEARWATER *P. bulleri***

[FN] Motuopao I, Cape Maria Van Diemen, birds flying past all day on 6-10/10 and 1-3/2 (GRP, RJP, PA). Cape Maria Van Diemen, 300 per minute passing on 2/11 with lesser numbers of Flesh-footed and Fluttering Shearwaters (PFB, ACC). Motu Purihi I, Simmonds group, near Houhora, 1 adult and chick in burrow on 25/1, the first breeding record for this species away from the Poor Knights group (GRP, BW). [N] Aorangi I, Poor Knights, many fully grown young ashore in burrows on 17/5 (RJP). [A] South of Little Barrier I, lots of Buller's on 23/4 (ASR, TCG, PS). [BP] Mt Maunganui to Motiti I, none seen after sighting on 19/5/89 until 1 off Mayor I and another at Astrolabe Reef near Motiti on 12/9 (the first sightings for the new season), a few at Astrolabe Reef on 16/9 (JEH), 2 on 17/9 (BHS), plenty seen off Mayor I by 24/9 (JEH), 2 on 30/9 (RSC). Birds were seen on nearly all of c50 subsequent visits to these waters from 30/9 to 15/5, the last sightings being single birds off Pudney Rock on 10/5, off Mayor I on

12/5 and off north end of Motiti I on 15/5 (JEH). [G/W] Lottin Pt, hundreds flying eastwards offshore (10-20 seen at one time) on 1-2/1 (GAT). Tolaga Bay, up to 20 birds seen each day between 8 and 50 km offshore from 0900 to 1300 hours on 14-16/4. 3 birds joined in with Flesh-footed Shearwaters, dolphins and tuna feeding on saury (GAF).

#### SOOTY SHEARWATER *P. griseus*

[FN] Motuopao I, off Cape Maria Van Diemen, a few occupied burrows on 1-3/2 (GRP, RJP, PA). [A] Northeast of Hen I, 1 on 13/4; North of Great Barrier I, 1 on 16/4 (AJT, GAT, TGL). Between Little and Great Barrier Is, 1 seen at sea on 12/10 (GAT, AJT). Kauwahaia I, Te Henga, birds sitting on eggs on 8/12 (GAT, AJT, GJE). [BP] Mt Maunganui to Mayor I, none from 13/5/89 until a few off Astrolabe Reef on 16/9 and off Mayor I on 24/9. On 30/9 there was a continuous stream of Sootys, along with a few Flesh-footed, flying southeast from Astrolabe Reef. Birds were abundant off Motiti on 1/10. Single birds seen off Motiti on 4/11 and 21/11 and off Mayor I on 17/2 and 3/1, then none seen until 6/5 when 1 or 2 were off Pudney Rock. Last sightings were 1 off Pudney Rock on 10/5, 1 off Mayor I on 13/5 and 1 at Astrolabe Reef on 18/5 (JEH). [M] Foxton B, 3 passing north on 13/1 (JLM).

#### SHORT-TAILED SHEARWATER *P. tenuirostris*

[BP] Off Motiti I, 1 bird only, fed scraps and observed closely on 6/3 (JEH). [W] Waikanae B, 1 live with broken leg on 11/11, it ate 40-50 fish, only taking whole "herrings" 5-10 cm head first while it refused other fish, released on 12/11 (BAT).

#### FLUTTERING SHEARWATER *P. gavia*

[FN] Motuopao I, off Cape Maria Van Diemen, numerous offshore on 1-3/2 (GRP, RJP, PA). Motu Purihi I, Simmonds group, 1 ashore and 2 flying around on 25/1 (GRP, BW). [N] Whangarei H, between Marsden and McLeod Bays, c20,000 in a huge flock, actively feeding on 4/3 (GRP). Bream Bay, c8000 in outer waters on 13/4 (GAT, TGL, AJT). [A] Little Barrier I, 1 heard aerial calling over Te Titoki Pt flat on 21/9 and 23-27/5 (AJT, TCG, PS, MD). Lot's Wife, off Little Barrier I, 1 female on fresh egg on 17/9 (AJT, TCG). Saddle I, off Great Barrier I, 3 ashore on 14-15/4, many disused burrows present; Stack south-west of Opakau I, ground densely burrowed by this species, many white feathers in entrances on 15/4 (TGL, GAT, AJT). Mahurangi H, c4500 in entrance on 28/2 (AJT). Maria I, 1 caught on surface, others heard calling in flight on 25/11 (GAT, RJP). Whatipu B, c2000 offshore on 1/8 (GAT, AJT). [SA] Papaaroha, Coromandel Pen, 280 + very close inshore on 22/1 (EP). [BP] Mayor I to Motiti I, present throughout the year, seen in varying numbers on most visits to area from May '89 to May '90 (JEH). Mt Maunganui to Motiti I, c65 on 17/9 (BHS). [G/W] Lottin Pt, many hundreds flying offshore, heading eastwards on 1-2/1 with Buller's Shearwaters (GAT, SLT). Tolaga Bay, up to 10 birds seen each day, up to 50 km offshore on 14-16/4 (GAF). Pukenui B, huge flock of 2500-3000 + feeding over school of kahawai offshore on 4/1 (GAT, SLT).

[M] Foxton B, max c5000 per hour passing south on 30/12 (JLM). [W] Seas north of Kapiti I, c40 on 14/1 (AJT). Breaker Bay, Wellington H, c180 roosting in flock on 10/4 (GAT).

**HUTTON'S SHEARWATER** *P. huttoni*

[G/W] Tolaga Bay, c200 birds feeding and resting 7 km offshore on 17/3 (GAF).

**LITTLE SHEARWATER** *P. assimilis*

[N] Hen I, a few coming ashore at night on 22-26/5 (P&KM). [A] Between Hen I and Mokohinau I, 2 at sea on 13/4, 3 on 16/4; Northwest of Great Barrier I, 2 on 16/4 (AJT, GAT, TGL). [SA] Stanley I, Mercury group, 1 with palpable egg in abdomen ashore on 17/7; 1 incubating egg on 19/8 (GAT). [BP] Off Mayor I, 1 on 29/10 (JEH). [G/W] Tolaga Bay, 1 bird passing 7 km offshore on 17/3; c10 sightings of birds 40 km offshore between 0900 – 1300 hours on 16/4, 3 the most seen together (GAF).

**DIVING PETREL** *Pelecanoides urinatrix*

[FN] Motuopao I, off Cape Maria Van Diemen, c100-200 pairs estimated over 3 trips (Oct-Feb), present also on adjacent stack (GRP). [N] Aorangi I, Poor Knights, many adults ashore at night on 17/5 (RJP). [A] Mangawhai B, large wreck of Diving Petrels present on 1/10. These included 1 bird banded on 18/8 as a breeding adult on Outer Stack, Stanley I – a movement of 126 km (SLT, GAT). Groper Rock, Mokohinau group, 1 bird called from burrow by day on 16/4, burrows very dense, probably several thousand present (GAT, AJT, SAn). Lot's Wife, off Little Barrier I, 1 in burrow by day and broken egg found on surface on 17/9 (AJT, TCG). Stack southwest of Opakau I, remains of 2 dead birds found under taupata on 15/4 (TGL). Tiritiri Matangi I, 1 large downy chick in burrow at north end of island on 20/11 (AJT, PS). Maria I, 1 caught, others calling from nearby burrows on 25/11 (GAT, RJP). Kauwahaia I, Te Henga, 1 with bare brood patch found ashore and several others seen in flight on 21/9 (GAT, SD, SLT); several preyed on corpses found in Dec, probably killed by ship rats (GAT, AJT). [SA] Mercury Is, 1000's offshore on 18/7 (AJT, GAT, TGL). [BP] Mayor I to Motiti I, numerous on most visits to area from May '89 to Aug '89 (JEH), numerous on 27/10 about Penguin Shoals but then found to be scarce until 26/3 when they were numerous off Mayor I. They were abundant in the vicinity of Motiti I throughout May and off Mayor I on 13/5 (JEH). Mt Maunganui to Motiti I, c34 on 17/9 (BHS), a large flock was seen c5 km offshore on 22/5 (JEH). [W] Cook Strait, birds frequent off Wellington H to Tory Channel on 16/6 (GAT, AJT, PFB, IS).

**BLACK PETREL** *Procellaria parkinsoni*

[BP] Off Mayor I, single bird was fed on fish scraps close to boat on 17/12, then 3 on 29/12. Birds were seen on 9 of 14 subsequent visits to area during Feb to April, the last date any were seen being 28/4 when 4 (max seen at one time) were fed scraps by the boat (JEH).

**WESTLAND PETREL** *P. westlandica*

[W] Cook Strait, c12 probables seen from Ferry crossings on 16/6 (AJT, IS, GAT, PFB).

CAPE PIGEON *Daption capense*

[FN] Taheke Rock, Cavalli I, 1 on 10/6 (AW). [BP] Between Mayor I and Motiti I, 1 or 2 birds on each of 10 visits between 22/7 and 27/10 (JEH, RSC), 1 on 3/6 (JEH). [W] Cook Strait, c6 on Ferry crossing on 16/6 (PFB, AJT, GAT, IS).

NORTHERN GIANT PETREL *Macronectes halli*

[BP] Between Mayor I and Motiti I, singles seen on 20 visits to these waters between 29/6/89 and 4/11, 2 on 16/9 was only occasion with more than one seen. In many cases, these birds were hungry and could be hand fed from the boat. Single birds on 20/12 and 24/12 then none until 1 on 3/6 off Mayor I and 1 on 10/6 off Motiti I (JEH).

## GIANT PETREL sp.

[A] West of Great Barrier I, 4 dark with pale faces on 12/10 (AJT, GAT). [BP] Mt Maunganui to Motiti I, 1 on 17/9 (BHS). [M] Moanaroa B, 1 imm flying close to shore on 13/8 (IS). Foxton B, singles in Aug, Sept and June, 2 on 24/12 (JLM). [W] Waikanae E, 1 on 10/11 (DS, MS). Ngauranga, Wellington H, 1 on 21/9 (AM). Cook Strait, 14 dark with pale faces, at least 5 with green bill tips on 21/12; 6 dark with pale faces on 25/12 (AJT, AD), 1 dark on 11/2 (AJT), 4 seen on Ferry crossing on 16/6 including 1 juv dark to bill base and probable red bill tip (IS, GAT, AJT, PFB).

FAIRY PRION *Pachyptila turtur*

[N] Aorangi I, Poor Knights, a few ashore at night on 17/5 (RJP). [A] South of Little Barrier I, 1 on 23/4 (ASR, TCG, PS). [BP] Between Mayor I and Motiti I, numerous on most visits during July, small numbers of prions, probably "turtur", recorded on visits in each month from Aug to Dec and again in May; Astrolabe Reef, very numerous on 5/6 (JEH). [M] Moanaroa B, 1 over land on 22/12 (IS). [W] Cook Strait, many thousands (5000+) from ferry on 2/1 (IS).

THIN-BILLED PRION *P. belcheri*

[A] Muriwai B, 1 alive on 9/7 (AJT *et al.*).

BROAD-BILLED PRION *P. vittata*

[SA] Mercer, hills above town, 1 on 18/12 found inside a house, being watched over by cat. Many lice on head and body. Strong west wind overnight. Released from boat at Kaiaua (DAL). [BP] Ohope B, 1 exhausted bird picked up still alive on 15/6, it died later (WMH).

## PRION sp.

[M] Foxton B, 3 passing north on 23/12 (JLM).

COOK'S PETREL *P. cookii*

[A] Little Barrier I, none heard at night 12-15/9, first heard 16/9, many more by 17/9, a few "kek-kek-kek" calls heard on 21/5 (AJT, KBr, RB). War-whoops were tried near the summit and on flat just after their return but with no success. However, 1 was landed from flight by the bunkhouse

using this method + torches on 16/12, a night of light wind and low cloud (TCG). Kauwahaia I, Te Henga, 1 heard to give a short burst of kek-kek calls, flying high over the coast about 40 minutes after sunset on 13/12 (GAT, EKC). [BP] Off Mayor I, several gadfly petrels, probably Cook's on 28-29/12 and 1 or 2 on 28/2 (JEH).

**BLACK-WINGED PETREL** *P. nigripennis*

[FN] Motuopao I, off Cape Maria Van Diemen, 800-1000 occupied burrows across middle of island. Birds incubating on 1-3/2 (GRP, RJP, PA). [G/W] Portland I, breeding, 49 burrows showed signs of being occupied on 3/3. Colony has moved about 200 m to firmer ground and old burrows in soft sand collapsed by sheep (GAF).

**GREY-FACED PETREL** *Pterodroma macroptera gouldi*

[FN] Island NW of Cape Wiwiki, BoI, several pairs breeding on 4/4 (GRP). [N] Hen I, large numbers coming ashore at night on 22-26/5 (GRP, P&KM). [A] Great Barrier I: stack off Wood I, pair + 1 single in 4 burrows during day on 14/4 (new breeding locality); Saddle I, estimated 50-100 burrows present, many occupied on 14/4; Stack south-west of Opakau I, 1 adult ashore in burrow and c3-6 burrows found on 15/4; Islet off 'Man of War' Passage, c12 called in response to war-whoops on larger islet, none heard on neighbouring islands on 14/4 (TGL, AJT, GAT). Little Barrier I, at least 3 birds calling at night in response to war-whoops at Pa to north of Te Titoki Pt and 2 birds caught on 21/5, first records for many years (AJT, PS). Waitakere Coast, West Auckland, active colonies of c200 pairs (SD). Cornwallis, heard several at night on southwest side of peninsula on 25/4 (AJT, NR, GJE). [SA] Stanley I, Mercury group, 1 chick c5 days old, 1 pipping egg and 9 birds incubating eggs in sample of 43 burrows on 21/8 (GAT, AJT). [BP] Between Mayor I and Motiti I, a few near Astrolabe Reef on 5/7, several off Mayor I on 1/8, several between Mt Maunganui and Motiti on 9/8, 13/8 and 6/9, no more seen until 1 on 28/4 off Mayor I, several off Motiti on 3/5, 1 at Pudney Reef on 6/5, several off Mayor I on 19/5 and a few off Motiti on 29/5; Mt Maunganui, 1 at sea a few km offshore on 20/6 (JEH), 1 blown ashore during northerly storm on 18/1 then released later, another on 22/1 (PCL), 10 birds banded at night on Mt Maunganui on 2/6; Ohope Ridge, c20 calls heard at night at western end of town as birds flying to coastal hills on 2/6; Whitianga Bay, near Motu R, c12 seen and heard at night on point at southern end on 2/6 (AJT).

**WHITE-HEADED PETREL** *P. lessonii*

[BP] Off Mayor I, 1 on 1/8 (JEH).

**WILSON'S STORM PETREL** *Oceanites oceanicus*

Seven sightings were made in April and 1 in May of birds flying north. These observations and others made in previous years suggest that this species may be a regular passage migrant through east coast waters in late autumn (GAT). [A] West of Mokohinau Is, 1 on 16/4; Between Mokohinau Is and Great Barrier I, 3 (including 2 together) on 13/4 (AJT, GAT, TGL). Little Barrier I, 1 to south on 23/4 (ASR, PS, TCG), 1 to southwest flying north on 20/5 (AJT, PS). [BP] Astrolabe Reef, 1 observed closely on 27/4 (JEH). [G/W] Tolaga Bay, 1 feeding 40 km offshore on 15/4 (GAF).



**WHITE-FACED STORM PETREL** *Pelagodroma marina*

[A] Between Hen I and Great Barrier I, 3 on 13/4 (AJT, GAT, TGL). Great Barrier I, common at sea west and north of island on 12/10 (GAT, AJT). Between Tiritiri Matangi I and Little Barrier I, 25 on 12/9 (AJT, TCG). Maria I, many hundreds ashore on 25/11, birds on eggs (GAT, RJP, SM, SLT). [BP] Mayor I to Motiti I, some birds seen on most visits to area from Aug to Feb, none seen on a visit to Mayor I on 24/2 and only 1 on 28/2, thereafter none seen up to 30/6 (JEH). Mt Maunganui to Motiti I, 2 on 17/9 (BHS).

**WHITE-BELLIED STORM PETREL** *Fregetta grallaria*

[FN] Curtis I, Kermadecs, 23 caught by spot-light from 13/10 to 2/11 (AJT, GAT).

**BLUE PENGUIN** *Eudyptula minor*

[N] Hen I to Whangarei Heads, c50 on 1/4 (GRP, TS). [A] Groper Rock, Mokohinau I, 5 empty burrows on 16/4 (AJT, GAT). Goat I, 1 mid-moult predated with rear of skull opened on 25/3 (AJT). South of Little Barrier I, very few present on 23/4 (ASR, TCG, PS). Maria I, several ashore on 25/11 (GAT, RJP, SM, SLT). Mercer's Bay, north of Karekare B, several sites had been used for moulting on 8/4 (AJT). [BP] Mt Maunganui to Motiti I, c50 on 17/9 (PCL). Off Motiti I, penguins "all over the place" on 9/4 (JEH). [HB] Napier, 1 calling under jetty at Napier Yacht Club on 26/5 (JW). Known to be around Napier H but not often seen or heard (MTC).

**RED-TAILED TROPICBIRD** *Phaethon rubricauda*

One adult at sea 38°46'S, 159°57'E from "Rainbow Warrior" on 11/1 (B. Deeble per AJT). [A] Muriwai B, 1 recently dead bird ashore in slightly worn juv plumage, also 2 moulted adult primaries from different birds on 6/5 (AJT, GJE).

**AUSTRALASIAN GANNET** *Morus serrator*

[N] Pinnacles, Poor Knights, several hundred nest building on 18/5 (RJP). [A] Cathedral Rocks, Mokohinau Is, c200 including 9 juvs on 16/4 (TGL, AJT, GAT). Little Barrier I, 100+ feeding off southwest on 21/9 (AJT). Devonport, 1 imm on 11/10 (AJT, GAT). [BP] Off Mayor I, 1 on 26/12 followed boat to pick up scraps, unusual behaviour; Off Motiti I, 1 imm on 13/2 (JEH). Mt Maunganui to Motiti I, 95 on 17/9 (BHS). Tauranga H entrance, 1 imm on 30/5 (JEH). [G/W] Pukenui B, 20+ on 4/1 over school of kahawai, feeding in association with Fluttering Shearwaters, White-fronted Terns, Black-backed Gulls and an Arctic Skua (GAT, SLT). [M] Foxton B, max 10 on 24/12 (JLM). [HB] Black Reef, Cape Kidnappers, nesting later this year possibly because of cold weather, well into nesting by 30/8; Cape Kidnappers, 3500 nesting pairs with 3000+ established nests in 89/90 season (KVT). Porangahau, max 16 on 1/10 (CFM). [W] Petone Foreshore, Wellington H, 1 on 20/9 (AM).

**BROWN BOOBY** *Sula leucogaster*

[FN] Curtis I, Kermadecs, 1 imm offshore on 16/10 (GAT, AJT).

**MASKED BOOBY** *S. dactylatra*

[FN] Curtis I, Kermadec group, 70 pairs present from 13/10 to 12/11,

eggs were laid during this period and some chicks were present, the oldest were up to half adult size and starting to feather (GAT, AJT).

**BLACK SHAG** *Phalacrocorax carbo*

[SA] Manukau H, summer 2, winter 18 (AJG, DGB, MG, OSNZ cen). FoT, summer 14, winter 18 (AJG, OSNZ cen). [Wk] Hamilton L, 29 on 20/10, 14 on 24/2, 24 on 21/4 (OSNZ cen). L Ngaroto, 18 in pines east of lake, a former nesting site, 6-8 fishing on 17/5 (BHS). South Taharoa Ls, 1 on 23/12 (SPC). [BP] Matahui Pt, Tauranga H, 3 on 18/11; Kaituna Cut, 4 or 5 pairs nesting in Pied Shag colony in pine trees at Kaituna R mouth on 4/11, 10 birds seen on 27/5; Maketu E, 1 on 3/3 struggling to eat a c50 cm eel, it finally managed to swallow it (PCL). Matata, 4 on 4/11, 12 on 22/4; Tarawera R mouth, 1 on 6/2; Rangitaiki R mouth, 8 on 4/11, 3 on 26/5 (RMW, PCL). Waiotahi E, 8 on 26/5; Waiaua E, 4 on 3/6; Motu R mouth, 1 on 4/11 (WHS), 4 on 7/2 (PCL). Whangaparaoa E, 1 on 7/11, 7 on 9/2 (WMH, PCL). [VP] Sulphur Bay, L Rotorua, 70 roosting on island on 26/12 (GAT). [M] Manawatu E, max 12 on 9/7, group feeding; Whirokino, near Foxton, c35 at nest colony (JLM). [HB] Ahuriri and South Napier estuaries, 38 on 11/11 with birds nesting in upper reaches of Ahuriri E (OSNZ cen). Ahuriri E, 35 on 10/6; Waitangi E, c46 on 10/6; East Clive - Tukituki E, 3 on 10/6 (OSNZ cen), 45 on 21/6 (KVT). Both this count and Waitangi count are a large number to see together at these sites (MTC). Porangahau E, 7 on 2/11, 20 on 16/6 (OSNZ cen). There were 30-60 more birds recorded this year than on winter censuses over the last 3 years (MTC). L Purimu, near Wanstead, 13 + and 6 nests on island on 19/8 (CFM). Black Shags were noted at other lakes and estuaries in region during year (MTC).

**PIED SHAG** *P. varius*

[FN] Tom Bowling Bay, 8 on 18/3 (AJT, GAP). [N] Horahora E; Taiharuru E; Limeburners Crk; small colonies present; Limestone I, 20-40 often seen roosting here (P&KM). Waipu E, 36 on 4/2; MacLean's farm, Tapanui, 78 on 18/11 (GNG). [A] Groper Rock, Mokohinau Is, 1 on 16/4 (AJT). Omaha E, 5 on 19/7 (NR, KB). Stack at Waiwera R mouth, c35 roosting at night in pohutukawas on 17/5 (AJT). Big Shoal Bay, Waitemata H, 6 on 9/7 (GAP, SM, MGa). Devonport, 1 chasing school of yellow-eyed mullet on 11/10 (AJT, GAT). Muriwai B, c70 roosting on beach, most in a large flock on 10/12 (GAT). [SA] Manukau H, summer 75, winter 160 (DGB, AJG, MG, SG, OSNZ cen). Wairoa R, Clevedon, 29 on 1/4, 4 km down to river mouth (TRH). [Wk] Hamilton L, 1 on 24/2 (OSNZ cen). [BP] Bowentown, 2 on 17/6 (BC). Aerodrome Bay, Mt Maunganui, 4 on 18/11 (GGB, LJB). Kaituna Cut, 58 birds in colony of c25 pairs, in pine trees at Kaituna R mouth on 4/11, c40 birds at colony on 31/1, 3/3, 14/3 and 27/5 (PCL). Little Waihi E, 8 on 27/5 (KLB). Otamarakau, 6 on 27/8, 14 on 4/11 and 3/3; Matata Lag/Tarawera R mouth, 1 on 27/8, 6 on 4/11, 14 on 6/2, 17 on 22/4; Rangitaiki R mouth, 26 on 4/11, 1 on 22/4, 8 on 26/5 (PCL, RMW). Ohope Spit, 20 on 26/5 (PCL). Ohiwa Spit, 8 on 4/11, 6 on 26/5 (WHS). Waiotahi B, 19 on 4/11, 28 roosting on 30/12, 35 on 26/5; Waioka E, 21 on 4/11; Waiaua E, 9 on 4/11, 25 roosting on 31/12, 11 on 3/6; Motu R mouth, 18 on 4/11, 6 on 31/12, 11 on 7/2 (WHS, GAT, SLT). Raukokore R mouth, 3 on 9/2 (PCL). Whangaparaoa R mouth, 1 on 3/6

(AJT). [G/W] Hicks Bay, 1 on 2/1 (GAT, SLT). Te Araroa to East Cape, 11 on 3/6 (AJT). Waipū R mouth, 5 on 3/1 (GAT, SLT). [HB] Mangakuri B, near Elsthorpe, 1 on 15/4 (BJW). This follows 3-4 reports of single birds in HB within last two years. Birds are not established in region (MTC).

#### LITTLE BLACK SHAG *P. sulcirostris*

[N] Port Whangarei, 7 on 19/8, 25 on 25/2, 58 on 28/4; Waipū E, 6 on 4/2 (GNG). L Humuhumu, Poutu, 6 on 19/4 (RJP). [A] Shoal Bay, Waitemata H, c65 on 27/4 (AJT). Hobson Bay, Auckland, flock of 80 on 2/6 (MJT). [SA] Manukau H, summer none, winter 12 (DGB, AJG, MG, SG, OSNZ cen). FoT, summer 6, winter 20 (AJG, OSNZ cen). Port Waikato, 129 in flock on 24/9, one had a small fish in its bill (GAT). Colville, 2 on 18-19/3 (JVP, AVP). Whitianga H: 29 off Buffalo B on 18/8, 49 on 16/5, 30+ on 30/5. These seem to be a winter visitor (MBM). [Wk] Hamilton L, 1 on 20/10 (OSNZ cen). South Taharoa Ls, 11 on 23/12; Motunau Rocks, Taharoa, at least 6 nesting on 20-31/12 (SPC). [BP] Tauranga H: Bowentown, 8 on 17/6 (BC), Tuapiro E, by Tanners Pt, c200 on 9/5 (JRP), Sulphur Pt, 6 fishing in boat marina on 17/6; Maungatapu, c30 roosting on power pylon in estuary on 17/6; Hairini, c50 flying in one large vee on 13/3; Kaituna Cut, 1 imm on 4/11 (PCL). L Waihi, 44 on 27/5 (KLB). Tarawera R mouth, 1 imm on 27/8, 2 on 6/2, 5 on 22/4, 9 on 26/5 (PCL), 3 on 2/6 (AJT). Rangitaiki R mouth, 40 on 22/4 (PCL). Ohiwa H, 122 roosting on sandy point well up harbour (PCL, RMW). [VP] Sulphur Bay, L Rotorua, 1325 counted flying from island on 26/12, two with metal band on left leg and 2 with red on left, metal on right, 1 pair were seen passing twigs and another were doing copulatory displays but breeding unconfirmed; several hundred roosting on 5/1, 1 of 24 checked (both legs visible) was banded as a chick in summer of 1982/83 (now 7 years old) (GAT). [M] Manawatu E, 5 on 8/10, 12 on 5/5; Centennial Lag, Palmerston North, 5 on 24/3 (JLM). L Horowhenua, c40 on 25/7 (DS, MS). [HB] Ahuriri E, 78 on 11/11 (OSNZ cen), 100 by Pumphouse on 24/2 (RS, TAS), 5 on 10/6 (OSNZ cen). Westshore, c120 on 3/10 (KVT). Waitangi c45 on 11/11, 2 on 10/6 (OSNZ cen). Tukituki E, c70 fishing on 25/10 (KVT), 30 on 11/11 (OSNZ cen), c110 on 29/1 (BS), c53 on 10/6 (OSNZ cen). Porangahau E, 28 on 29/7 (HAR, BDH), 1 on 4/11 (OSNZ cen).

#### LITTLE SHAG *P. melanoleucos*

[SA] Manukau H, summer 1, winter 27 (DGB, MG, SG, AJG, OSNZ cen). FoT, summer 2, winter 3 (AJG, OSNZ cen). [Wk] Hamilton L, 2 on 20/10, 1 on 24/2 and 21/4 (OSNZ cen). South Taharoa Ls, 2 on 23/12; Motunau Rocks, Taharoa, c29 nesting on 20-31/12 (SPC). [BP] Bowentown, 11 on 17/6 (BC). Kaituna Cut, 2 on 31/1, 8 on 14/3, 6 on 27/5 (PCL). Matata-Tarawera R mouth, 4 on 4/11 (RMW), 15 on 6/2, 17 on 26/5, 19 on 2/6 (PCL, AJT). Rangitaiki R mouth, 8 on 4/11 (RMW), 2 on 2/6 (AJT). Ohiwa H, 20 on 26/5 (PCL). Waiaua E, 5 on 31/12 (GAT, SLT), 3 on 3/6 (WHS). Motu R mouth, 5 on 7/2; Kereu R mouth, 2 on 7/2; Raukokore R mouth, 2 on 9/2 (PCL). Whangaparaoa R mouth, 3 on 7/11 (WMH), 1 on 3/6 (AJT). [G/W] Hicks Bay, 5 on 8/2; Karakatuwhero R mouth, Te Araroa, 1 on 8/2 (PCL). Te Araroa to East Cape, 8 on 3/6 (AJT). [M] Foxton No.1 L, c15 on 4/2 (JLM). [HB] Ahuriri E, 9 on 11/11 (OSNZ cen), 20 near Pumphouse

on 24/2 (RS, TAS), 21 on 10/6; Westshore Lags, 9 on 11/11, 3 on 10/6; Waitangi, 2 on 11/11, 20 on 10/6; East Clive - Tukituki E, 2 on 11/11, 4 on 10/6; Porangahau E, 6 on 4/11, 23 on 16/6 (OSNZ cen). L Purimu and a small sanctuary nearby, c50 on 30/9, with 15 nests and more later in season (CFM, JGH). Present on all lakes in region. Numbers counted in winter cen 1990 were less than those for some years, eg. 70 less than 1989 (MTC). [W] Ward I, c12 on 12/5 (AJT *et al.*).

#### SPOTTED SHAG *Stictocarbo punctatus*

[N] Port Whangarei, 1 on 13/10 (GNG). [A] Tarahiki I, main breeding colony in western FoT, deserted Nov '89 (VJL). Upper Manukau H, 14 on 17/5 (HRC), 8 on 24/6 (MJT). [SA] Manukau H, summer 1, winter 8 (DGB, MG, SG, AJG, OSNZ cen). FoT, summer 3, winter 11 (AJG, OSNZ cen). Shag Rock, FoT, 250 (JVD). Coromandel H, 20 working close to wharf on 8/10 (EP). [BP] Pukehina B, 1 freshly dead adult in almost full breeding plumage on 22/10, the only known record of a Spotted Shag in BP since a live imm bird was seen at Mt Maunganui on 29/7/72 (PCL). [VP] Rarely reported inland. L Taupo: Western Bays, 1 in breeding plumage on 2/11 (TBT); Tokaanu Wharf, 2 on 15/1 (SC). [HB] East Clive, by sewer outfall, 36 on 9/7 (TAS), 8 on 20/10 in full breeding plumage (MPT, PWT), 1 on 11/11 (OSNZ cen), 2 on 28/1 in adult plumage (TAS), 20-25 on 26/3 (a large number for summer months), 9 on 3/6 (ARG). No evidence of breeding in region yet. Black Reef, Cape Kidnappers still the only permanent wintering roost known (MTC). [W] Wellington Ferry Terminal, 1 in breeding plumage on 6/9 (DS). Somes I, c100 on reef on 12/5; Ward I, a few on probable nest sites on 12/5 (AJT *et al.*).

#### GREATER FRIGATEBIRD *Fregata minor peninsulae*

[FN] Vicinity of North Cape, 2 seen after storms in March, thought to be this species. Reported by two fishermen (per GRP).

#### LESSER FRIGATE BIRD *F. ariel*

[SA] Bird reported in CSN, Vol. 36, P.201 (GA) confirmed as this species. [BP] A beach just north of Opotiki, a frigate bird seen in flight on 11/3, probably this species (TM).

#### WHITE-FACED HERON *Ardea novaehollandiae*

[N] Hikurangi, 1 albino with some grey on back on 3/7 (AJT *et al.*). Whangarei H: Tokitoki Crk, Portland, 22 on 15/4, Skull Crk, 12 on 15/7, Takahiwai, 14 on 23/9; Waipu E, 11 on 4/2 (GNG). [SA] Awhitu Pen, 1 feeding on crickets in kikuyu grass on 2/3 (VMR). Manukau H, summer 129, winter 331 (DGB, MG, SG, AJG, OSNZ cen). FoT, summer 181, winter 216 (AJG, OSNZ cen). Whangamata H, c70 on 10/6 (HMS). [Wk] Hamilton L, 1 on 20/10 and 24/2, 2 on 21/4 (OSNZ cen). [BP] Tuapiro E, 33 on 15/6 (JRP). Omokoroa Golf Course, 28 on 18/11 (KLB). Maketu E, 33 on 4/11 (PCL). Waiotahi E, 130 on 26/5; Waioteka E, 3 on 4/11; Waiau E, 3 on 4/11, 2 on 3/6 (WHS). Kereu R mouth, 1 on 7/2; Raukokore R mouth, 2 on 9/2; Whangaparaoa R mouth, 2 on 9/2 (PCL). [G/W] Hicks Bay, 2 on 8/2 (PCL). [M] Whirokino, near Levin, max 42 on 7/5 (JLM). [HB] Ahuriri E, 19 on 11/11 (OSNZ cen); a bird seen on 24/2 circling and moving leg and watching to see what it had stirred up. The sequence was

repeated several times (RS, TAS), 37 on 10/6; Westshore Lag, 3 on 11/11; Waitangi, 6 on 11/11; East Clive – Tukituki E, 15 on 11/11, 3 on 10/6 (OSNZ cen). L Poukawa, c50 in field between lake and highway on 17/6 (CFM, JGH). Porangahau E, 15 on 1/7, 6 on 4/11, max 22 on 10/2, 17 on 16/6 (CFM, OSNZ cen). [Wr] Ahikouka Rd, Greytown, 83 on 23/6 feeding on irrigated grass paddocks over c50 ha area (MW).

#### WHITE HERON *Egretta alba*

[A] Jordan's farm, Kaipara H, 1 on 15/10 (GNG, P&KM). [Wk] L Ngaroto, 7 on 5-6/5 (RWD). [BP] Tauranga H: Tuapiro E, 1 on 26/5 (JRP), Welcome Bay, 1 on 18-19/4 (PCL, Brian Norton per KOW). Matata Lag, 2 on 18/8 and 27/8, 1 of which had aigrettes (breeding plume feathers) (PCL, RMW), 2 on 22/4 and 6/5 (AM, MS), 1 on 23/5 (KOW), 2 on 2/6 (AJT). Waiaua E, 1 on 3/6 (WHS). [G/W] Hicks Bay, 1 on 3/6 (AJT). Korito, near Whakaki, 1 on 2/7 (GAF). Hopuruahine, L Waikaremoana, 1 on 5-6/3 (K.Hawkins per GAF). [M] L Koputara, 1 on 18/3 (RAC). Manawatu E, 1 from 1/1 to 12/5 (JLM, IS, RG). Foxton No.1 L, 1 in Aug (RG). [HB] Ahuriri E, 1 throughout winter '89, remained in area (for the first time) well into the summer months, present early Dec and on 23/1 (RS, TAS). Anderson Park, Taradale, none in 1989, 1 on 3/6, appeared to be a younger bird than those seen in years prior to 1989 (LMS), 1 on open grassland among white geese on 22-25/6 (RS, TAS). Marewa Shopping Centre, 1 nearby in creek on 7- 11/6, c3km from Anderson Park (MPT, PWT). Tukituki E, 1 in lagoon at Haumoana on 5-7/5. Roosted on same branch of tree as bird in 1989 (RS, TAS). L Hatuma, 1 on 16/4 first sighting of season, present on 27/5 and 17/6 (CFM, JGH). [Wr] Ahikouka Rd, Greytown, 1 in May (DW, MW). Jury's I, L Wairarapa, 1 on 8/7 and 24/6 (TCD, HAR).

#### LITTLE EGRET *E. garzetta*

[BP] Tarawera R mouth, 1 on 26/5 (PCL). [HB] Ahuriri E, 1 on 15-18/7, not disturbed by jet planes exercising in area, mud-raking behaviour noted (MJ, JGH, RS, TAS, JRP, FET), seen again on 16/10 and 29/10 (RS, TAS) and a very late record on 29/1 (KVT), none seen in 1990 winter (MTC). East Clive, 1 on 24/7, mud-raking behaviour noted (BMT), also seen on 30/8, 11/11, 23-30/11 and 4/12 (KVT, FET, MTC, OSNZ cen), returned in winter 1990, 1 on 24-27/5, last seen on 21/6 (KVT, MPT, PWT). Probably the same bird at both estuaries as not seen at both sites on same day (MTC).

#### REEF HERON *E. sacra*

Still widespread around the Northland coast but seldom more than 5 birds at any locality. Reported from: [FN] Motuopao I, 1 on 2/2 around rock platform (RJP, GRP, PA). Cape Maria Van Diemen, 1 on 3- 4/6 (P&KM). Te Werahi Stm, 1 on 12/6 (GRP). 90 Mile B, 1 on 17/5 (PA). Parengarenga H, 2+ on 4-5/7 (RJP, AJT, GJE, VH). Paxton Pt, Great Exhibition Bay, 1 on 29/7 (P&KM). Houhora H, 3 on 3/7 (RJP). Motu Puruhi I, Simmonds group, 1 on 25/1 visited morning and evening (GRP, BW). Rangaunu H, 1 on 5/11 (PFB, ACC). Mangonui, 2 on 6/7 (AJT, PFB, GJE). Black Rocks, off Moturoa I, 2 pairs in late Jan; stack SW of Battleship Rock, Moturoa I, 1 pair + 1 nearly fledged chick found under clump of *Astelia* and flax on island's summit on 22/1 (GAT). Russell, 1 on 1/6 (GRP). [N] Ruakoura Pt, Whangaruru, 1 on 23/4 (GRP). Pataua, 1 on 12/1 fishing with

a Pied Shag; Taiharuru E, 3 on 7/1 (GNG). Whangarei H: most common on north side in autumn (RJP), Port Whangarei, 1 on 30/7 and 10/6, Skull Crk, 1 on 7/10 (GNG), Motukaroro I, 6 on 4/11, a traditional nesting site (GRP, TT), McLeod Bay, 1 on 11/7, roosting with c100 SIPO, McKenzie Bay, 1 on 11/4 feeding in a rock pool (GRP), Calliope I, 4 on 4/11, a traditional nesting site (GRP, TT). Waipu E, 1 on 15/10 and 17/2 (GNG, P&KM). Kelly's Bay, Kaipara H, 2 on 25/2 (AJT). Tinopai, Kaipara H, 2 roosting on wharf on 6/8 (P&KM). [A] Wood I, Great Barrier I, 1 on 14/4 (GAT, TGL, AJT). Te Muri B, north of Puhoi R, 2 on 13/2, 1 catching small fish on 19/2; Puhoi R mouth, 1 on 13/2 (AJT). Kauwahaia I, Te Henga, 2 on shoreline on 18/1 (GAT), 1 on 16/5 (AJT). Big Shoal Bay, Waitemata H, 1 on 9/7 (GAP, SM, MGa). St Heliers/Tamaki E, 1 occasionally seen, mainly feeding at low tide (PFB). Motukaraka I, 2 on 17/9 (GAT, EKC). [SA] Big Bay, Manukau H, 1 on 24/6 (ASR). Mataitai, Clevedon, 1 on 9/6 (AJG). Kawakawa Bay, 2 on 22-29/1 (PJA, DJA) and single birds on other occasions (AJG *et al.*). Coromandel Pen: Thames, 1 on 25/6 (OSNZ cen). Long Bay, 2 on 23/1 (EP, VJL). Waikawau B, 1 on 2/7; Kereta B, 1 on 2/7 (IS). Single birds at Te Kouma H on 21/2 and other parts of Coromandel H from Aug to Feb; Whanganui I, 1 on 23/10 (EP). Amodeo Bay, 2 on 2/7 (IS). Colville, 1 on 18-19/3 (AVP, JVP). Matarangi Spit, 1 on 19/8 (MBM). Whitianga, 1 on 8/1 (IS), single birds seen regularly between 23/2 and 21/6 on either Whitianga H or Buffalo B; 2 between Buffalo and Wharekaho Bs on 24/3 (MBM). Stanley I, Mercury group, 2 on 18/7 (AJT). Wharekawa H, 1 on 4/7 (IS). [Wk] Ruapuke B, 1 on 14/10 (ASR). Aotea H, 2 on 18/11 and 9/6 (OSNZ cen). Kawhia H, 3 on 25/10 (BHS), 2 on 18/11, 4 on 9/6 (OSNZ cen). Taharoa B, 1 feeding on fish disturbed by 4 Little Black Shags foraging in small lagoon in July (WIR), 1 on 20-31/12 (SPC). [BP] Tauranga H: Bowentown, 1 on 18/11 (BC), Sulphur Pt, 1 on 31/3 and 17/6 (KLB, RSC, AM), 1 resting on wharf light on 2/6 (AJT). Maketu E, 1 on 22/10 and 4/11 (AM, KLB). Otamarakau (Waitahanui R mouth), 2 on 3/3 reported by RFBPS member (never seen here before) (per PCL). Whale I, 1 on 21/2 and 1/3 (RMW, WMH). Ohiwa H, 2 on 5/11 and 18/1 (WMH, CFM), 1 on 30/3 (RMW). Waiaua-Opape, 1 on 4/11, 2 on 3/3 (WHS). Motu R mouth, 1 on 11/12, 31/12 and 7/2 (WMH, GAT, SLT, PCL). Raukokore R mouth, 1 on 5/2 (WMH). [G/W] Te Araroa, 1 on 8/2 (PCL). Turanganui R mouth, Gisborne, 1 on 3/6 (AJT). Mahia Pen, 1 on 4/3 on reef near south point. First sighting at Mahia for about 10 years (GAF). [Wg] Wanganui E, 1 on 1/7 (OCT, CCO, RS, GR). [HB] Ahuriri E, 1 on 17-18/7 (RS, TAS, JRP, FET), not seen in Nov '89 or June '90 census (MTC). Kairakau B, 3 at rivermouth in early March, 2 were fighting but not viciously (BJW). [Wr] Mataikona B, 1 on 6/6 (JA). Riversdale B, 1 on 31/5 (JAD, TCD). [W] Wellington H: Evans Bay, Greta Pt, 1 on 12/5 (AJT *et al.*), Breaker Bay, 1 on 11/3 (GAT).

#### CATTLE EGRET *Bubulcus ibis*

[FN] Houhora, 2 on 15/4 (MH). Unahi Rd, Rangaunu H, 16 on 20/4, c50 on 7/5 (MH), 60 on 15/6 in paddock with 57 White-faced Herons and 200 Pied Stilts (GRP). [A] Parakai, 50 on 2/9 (AJT, PFB, CJ, PS). [SA] Aka Aka, near Pukekohe, 11 on 6/11, well coloured (AJG *et al.*), 1 on 16/4 (R. Stone), numbers built up to 35-40 on 5/5 (PH, JLP). Piako, near Ngatea,

60 on 3/6 (AVP), 31 on 7/6 (AE), c30 in mid-June (AVP). Miranda, 1 on 3/12 (OSNZ cen) and 9/12 (PJA, DJA). [Wk] Churchill East Rd, Rangiriri, 142 in July (JMR). 180 on 9/6 (HGS), 270 on 26/6, 1 with wing tag B89/740 (ASR). Ward's farm, Ohinewai, 40 on 15/7, increasing to c150 on 22/7 (presumably same flock as at Rangiriri) (ASR). Gordonton, 5 on 21/4 (DJR). L Ngaroto, 22 on 18/8 (RWD), 4 in bright breeding plumage on 28/9 (ASR), 18 on 5-6/5, 35 on 20/5 (RWD) and 3/6 (SMN). [BP] Kaituna Cut, 3 on 24/9 (KLB), 1 in breeding dress on Maketu Spit on 22/10 (BC), 6 on 27/5 and 7 on 16/6 (GGB, LJB, PCL). Greig Rd, Matata, 39 on 26/6/89 (WMH), 12 on 13/5 (AM), 20 with dairy cow herd on 12/6 (KOW). Kukumoa, Opotiki, 4 on 4/11, 3 over-summered, 4 on 7/5, 6 on 8/5, 10 on 26/5 (WHS). [Wg] Whangaehu R, 17 on 9/7 (OCT, CCO, RS, GR), 27 on 23/6 (IS, PFB). [M] Manawatu E, c25 on 6/5, flying into plantations at dusk (JLM). Moutoa Floodway, near Foxton, 51 on 1/10 (AJT, BAT). L Horowhenua, 25 on 25/7 (DS, MS), 2 on 18/4 (WRJ, MO), 23 on 6/5, roosting in flock on top of pine trees, then flew into nearby paddock (GAT, MP), max 57 on 17/5 (WRJ, MO). Whirokino, near Levin, 65+ on 5/8, 23 on 11/11, 35 on 7/5 (JLM, RS). [HB] Clive, 1 on Hohepa property by river on 7/5 (RS, TAS). Mangateretere, north of Hastings, 9 at junction of SH2 and Havelock North Rd in mid-April, the first HB sighting of 1990, not seen again (N.B. Mack). Fernhill, 4 in early May at Swamp Rd, only 1 remained in area, as happened 1989 (MTC). [Wr] Ahikouka Rd, Greytown, 1 seen for a few days in May (DW, MW).

#### AUSTRALASIAN BITTERN *Botaurus poiciloptilus*

[FN] Te Werahi Stm, 1 on 12/6 (GRP). Ninety Mile B, 0.5 km from Waipapakauri B, 1 on nest in swamp beside road on 6/11; Rangaunu H, 1 flushed from reeds in dunes on north side on 5/11 (PFB, ACC). Tahoranui R, near Takou Bay, 1 on 28/2; Owae Stm, near Kawakawa, 2 on 2/3 (GRP). [N] Kauri Mountain B Ck, near Taiharuru, 1 on 18/7 (P&KM), 5 reported on 18/11, in drain (GRP). Rotomate Lag, 3 Mile Bush Rd, Whangarei, 1 in Oct; Sloane's farm, Mata, 1 on 12/4 (DH). Sewage wetlands, Whangarei, 1 on 13/4 (GRP). Tikonui South, Poutu Pen, 1 on 15/7 (TT). Taingaehe, Poutu Pen, 1 on 27/10, flying alongside vehicle at dusk (GRP). Dune lake 2-3 km north of Round Hill, 1 on 28/10; L Mokeno, near Poutu, 2 booming on 2-3/9 (P&KM). [A] L Ototoa, 4 on 11/2, 1 on 16/6; L Kuwakatai, 1 on 11/2; L Kereta (main), 2 on 11/2; L Kereta South, 1 on 16/6; Leightons L, Tupare Rd, Helensville, 2 on 1/4, 1 on 16/6 (SM). [SA] L Pokorua, Awhitu Pen, reported seen and heard by Ron Walton, but not seen on 13/5 (AVS *et al.*). Island Block Rd, Meremere, 2 flew in from Pokeno direction at 1720 h, followed by continuous booming for half hour (PJA, DJA). [Wk] Taupiri, 1 on 8/7 (SMN), in August (ABC) and on 26/6 (ASR). Waiohipa Swamp, Taharoa, 2 on 22/12 (SPC). [BP] Kaituna Rd, Maketu, 1 in Sept '89 (GGB, LJB). Matata, 1 on 22/4 (AM), 2 on 12/5 (MS). Tarawera R mouth, 1 on 26/5 and 3/6 (PCL). Bregman's Lag, near Edgumbe, 1 on 10/6; L Aniwhenua, 1 on 18/3 (RMW). Wainui R, Ohiwa, 1 on 30/6 (WMH). Kukumoa, 1 on 4/11 and 12/6 (WHS). Whangaparaoa R mouth, Cape Runaway, 1 heard booming all night on 11/12 (WMH), 1 seen on 10/2 (PCL). [VP] L Rotoma, 1 on 3/3 (KOW). [M] Pukepuke Lag, 3 or 4 booming on 12/11; Manawatu E, 1 on 21/2 (IS). Foxton No.1 L, singles in July, Aug,

Jan-Mar; Foxton No.2 L, 1 on 11/3 (JLM). [HB] Ahuriri E, 4 on 25/4 (MPT, PWT), 3 on 10/6 (OSNZ cen). Westshore Lag, 1 resting in rushes near road on 4/2, another seen on 6/6 (MPT, PWT). Puketapu, near Taradale, 1 on 16/10, previously 2 but one was killed on road (RS, TAS). Waitangi, 1 on 25/1 (MPT, PWT). Tukituki E, 1 on 11/11 (OSNZ cen). East Clive, 2 on 6/9, 1 on 25/1, 25/4 and 10/6 (MPT, PWT, OSNZ cen). Fernhill, up to 8 pairs at L Oinga in spring '89 (JGH). [W] Kuku Beach Rd, 1 in swamp 100 m inland on 13/6 (HAR).

#### GLOSSY IBIS *Plegadis falcinellus*

[Wk] Churchill East Rd, Rangiriri, 1 with Cattle Egrets in July- Aug (JMR) and June (HGS, ASR). [Wr] L Wairarapa, 1 on 8/7 and 10/2 (BDH, HAR).

#### ROYAL SPOONBILL *Platalea regia*

Population seems to be building up in North Island. Birds are turning up at previously unreported locations and flocks are increasing in number at traditional sites (GAT). [N] Parengarenga H, 9 on 4/7 (RJP, PFB), 17 in May, reported on dam (GRP). Unahi wharf, Rangaunu, 25 on 16/8, 15 on 4/9, perched in macrocarpa trees, 30 on 15/6 (GRP). [N] Port Whangarei, 4 on 4/7, 7 on 16/9, 4 on 10/4, increasing to 15 by late June (GRP, GNG). [A] Mangere SP, 26 on 19/9, in breeding plumage with prominent plumes and crest on head, dull yellow wash on neck and upper breast (GAT), 18 on 30/4, 28 on 30/5, 26 on 14/6 (HRC). [SA] Miranda, 2 on 27/5 (OSNZ cen) and 28/6 (DGB, ASR). Coromandel H, 2 on 7-9/6, only 1 remained on 10/6 (AVP, EP). [Wk] Kawhia H, 3 on 9/6 (OSNZ cen). [BP] Kaituna Cut, 1 on 18/10 (BDH), 5 on 27/5 (PCL), 8 on 16/6 (GGB, LJB). Matata, 1 on 12/5 (MS). [VP] Ngongotaha, 18 (not 17 as reported in Daily Post) birds roosting in flock on shores of L Rotorua on 19/4, had just arrived. First record for Rotorua (Photo in Daily Post, KOW). [G/W] Maungawhio Lag, Mahia, 2 on 3/6 (AJT). Wairoa E, max 21 on 8/10; Whakaki Lag, 12 on 21/4, first sighting this autumn, increased to 15 on 29/4 then birds moved to Wairoa E when shooting season opened (GAF). [M] Manawatu E, 1 on 1/10 (AJT, BAT), present all months, max 45 on 5/5 (JLM), 35 on 24/6 (no increase c.f. 1989) (RG). L Horowhenua, 5 on 25/7, 9 on 23/5 (DS). [HB] Ahuriri E, 20 at Pumphouse roosting in trees on 17/7, much disturbed by jets overhead (RS, TAS), 15 on 17/9, plumes very noticeable (MPT, PWT), 2 on 29/10 and further sightings until early Dec, late for HB birds (RS, TAS), 14 on 8/4 first arrivals in 1990, 16 on 22/4, 12 on 25/4 including 2 imms, 31 on 6/5 and 35 on 3-16/6, the most recorded here for many years if not record count (TAS, MPT, PWT). Black Reef, Cape Kidnappers, 1 roosting in boxthorn among Gannets on 14/4 (BMT), 4 on 16/4 (DOC officer). Porangahau E, 2 on 16/6 (OSNZ cen). [Wr] Homewood, near Riversdale B, 1 present for a few days in July and Nov (KB, RGS). Oporua Spillway, L Wairarapa, 10 on 24/11, 1 on 24/1, 2 on 10/2 and 6 on 10/3 (HAR). [W] Waikanae E, 2 from 13/7 to 23/10 (RBn, DS, JL), increasing to 7 on 29/11 (JL) and 9 on 1/12 (JS), 1 on 28/12 to 8/1 and 14/4 (AJT, BAT, DHT). Paraparaumu SP, 2 on 8/7 (JL). Pauatahanui Inlet, 1 in Jan (EM).



**MUTE SWAN** *Cygnus olor*

[HB] L Poukawa, 6 on 30/6, the highest number reported for many years (MTC). Horseshoe L, 2 on 26/5, 4 cygnets were present earlier in season but they later disappeared (KVT).

**BLACK SWAN** *C. atratus*

[FN] Awanui R, 14 in Feb and March, birds seen flying out to Rangaunu Bay (MH). [SA] Manukau H, summer 18, winter 22 (DGB, MG, SG, AJG, OSNZ cen). L Pokorua, Awhitu Pen, 150 on 13/5 (AVS *et al.*). Miranda, 2 in "Stilt Pools" on 22/10 (AJG *et al.*). Coromandel H, high tide roost, 32 on 16/11, 25 on 14/12 (EP). [Wk] Hamilton L, 29 + 13 cygnets on 20/10, 7 on 24/2, 8 on 21/4 (OSNZ cen). South Taharoa Ls, 628 + 44 cygnets on 23-24/12 (SPC). [BP] Tauranga H: Matahui Pt, 73 on 18/11 (PCL), 50 on 17/6 (RSC), Aerodrome Bay, 41 on 18/11, 32 on 17/6 (GGB, LJB), Sulphur Pt, 54 on 17/6 (JM). Kaituna Cut, 7 on 4/11; Maketu E, 28 on 4/11 (PCL). Matata, 53 on 4/11 (RMW), 38 on 18/1 (CFM), 40 on 6/2, 60 on 26/5 (PCL), 75 + 3 half grown cygnets on 2/6 (AJT). Thornton Lag, 128 (including 5 cygnets) on 4/11 (RMW). [G/W] Te Puia Springs L, 1 on 3/1 (GAT). [M] Manawatu E, max 60 on 6/5; Foxton No.1 L, max c180 on 6/8, c30 cygnets on 1/1; Foxton No.2 L, max c65 on 6/8; Moutoa, 250 + on 5/8; Whirokino, 60 + on 6/8 (JLM). Ohau E, 9 on 6/5 (GAT).

**CANADA GOOSE** *Branta canadensis*

[A] Whatipu B, 1 on 23/12 (GAT). [SA] L Pokorua, Awhitu Pen, 1 paired with a feral gander on 13/5 (AVS *et al.*). Yate's Dam, Karaka, 1 on 9/10 (AJG). Miranda, 2 swimming at mouth of nearby creek on 30/9 (AJG). [Wk] Hamilton L, 1 on 20/10, 24/2 and 21/4 (OSNZ cen). [BP] Omokoroa, 2 on 17/6 (RSC). Kaituna Cut, 57 on 27/5; Maketu E, 9 on 4/11 (PCL). Matata Lag, 35 on 23/7, 1 on 27/8 and 4/11 (PCL, RMW), 25 on 18/1 (CFM), 16 on 22/4, 32 on 26/5 (PCL), 10 on 2/6 (AJT). Thornton Lag, 1 on 4/11; L Aniwhenua, 1 on 18/3 (RMW). [VP] Hamurana, L Rotorua, 5 on 28/12 (GAT). [G/W] Karakatuwhero R mouth, Te Araroa, 10 on 2/1 (GAT) and 8/2 (WMH, PCL). Te Araroa, 19 on 21/10 on coastal lagoon (GAF). [Wg] Wanganui E, 1 on 1/7 (OCT, MO'S, RS, GR). [M] Foxton No.1 L, 7 on 9/7 and 6/8 (JLM). [HB] Westshore Lag, 9 on 1/7 (MPT, PWT). Tukituki E, 4 on 28/1 (TAS), 2 on 8/5 and 10/6 (KVT, OSNZ cen). Horseshoe L, 9 on 26/5 (ALH, ACS). Porangahau E, 20 on 1/7 (CFM), max 77 on 29/7 (HAR, BDH), 28 on 1/10 (CFM). Geese were liberated on a Porangahau farm some years ago. Recent introductions were made to Napier area by DOC. Geese seem to have become established in the region. [Wr] Woodlands Lag, Whangaehu, 6 km from Masterton, flock of 29 on 5/8. This is the largest flock reported in mid-Wairarapa (TCD). [W] Waikanae E, 1 resident Sept to May, 2 on 14/4 (AJT, BAT, JL, MAF).

**PARADISE SHELDUCK** *Tadorna variegata*

[FN] Parengarenga H, 160 + on 4-5/7 (RJP). Moturoa I, BoI, 2 in late Jan (GAT). [A] Whatipu B, 2 on 4/9, 4 on 23/12 (GAT), 45 on 25/4 (AJT, GJE, NR). [SA] L Pokorua, Awhitu Pen, 80 on 13/5 (AVS *et al.*). [Wk] Hamilton L, 1 on 21/4; Aotea H, 2 on 9/6; Kawhia H, 21 on 9/6 (OSNZ cen). South Taharoa Ls, 392 on 22-24/12 (SPC). [BP] Matahui Pt, Tauranga H, 12 on 17/6 (RSC). Matata, 20 on 6/2, 80 on 22/4, 2 on 26/5 (PCL), 9

on 2/6 (AJT). Whakatane R mouth, 1 on 26/5; Ohiwa H, 13 on 26/5, 20 on 3/6; Takaputahi. Raukumara, 2 pairs on 3/6; Whangaparaoa R mouth, 1 pair on 9/2 (PCL). [G/W] Hicks Bay, 10 on 8/2 (PCL). Tokomaru Bay, 8 on 3/1 (GAT, SLT). [M] Round Bush, pair on 9/7; Foxton Loop, 4 on 16/9; Foxton No.1 L, 4 on 6/8, pair on 27/8- 26/3; Moutoa, 26 males + 8 females on 5/8, 1 male on 10/3 (JLM). [HB] Shines Falls, Boundary Stm (near L Tutira), duck with duckling at base of falls on 15/10 (KVT). Ahuriri E, 71 on 11/11, 2 on 10/6 (OSNZ cen). Havelock North -Waimarama Rd, 89 in partial moult in harvested peafield on 28/1 (MPT, PWT). Waimarama Rd Lag, 120 + on 28/1, also in moult, in an area vacated by birds for 2 years because of drought (KVT, MTC). Horseshoe L, 153 on 26/5 (BS, LMS). L Rangitapu, near Omakere. 30 on 8/4 (ALH, BJW). Numerous pairs throughout region, at most small dams during autumn/winter (MTC). [Wr] Waingawa Freezing Works, near Masterton, flock of 250 + on and around settling ponds on 24/3 (JAD, TCD). [W] Waikanae E, c65 on 6/5 and 15/5 (AJT, BAT). Paraparaumu SP, 60 on 15/5 (AJT, BAT, DHT).

#### BLUE DUCK *Hymenolaimus malacorhynchos*

[Wk] Okauaka Stm, Upper Ongarue R, 1 pair on 23-24/9 (RWD). [BP] Nga Upoko Stm, Takaputahi, 2 pairs engaged in territorial scuffle on 28/4 (WHS), 1 pair on 3/6; Junction of Nga Upoko Tangata Stm and Whitikau R, 1 drake on 3/6 (PCL, RL, WHS). [VP] Kaimanawa SFP, 2 on 20/1 at confluence of Tauranga - Taupo R and Cascade Stm (TAS). [Wg] Manganui-a-te-ao R, Raetihi, 1 pair on 30/9 (WIR). Karioi Ls, Tangiwai (GR NZMS 260: S20-268941), 1 pair on 8/10, possibly due to flooded rivers (KO).

#### MALLARD *Anas platyrhynchos*

[Wk] Hamilton L, 81 + 21 juvs on 20/10, 1074 on 24/2, 1385 on 21/4 (OSNZ cen). South Taharoa Ls, c60 on 22-24/12 (SPC). [BP] Kaituna Cut, 80 on 3/3 (PCL). Matata Lag, 30 on 4/1 (RMW), 150 on 6/2, 1000 on 22/4, 2000 on 26/5 (PCL), 670 on 2/6 (AJT). Whakatane R mouth, 100 on 26/5 (PCL). [G/W] Hicks Bay, 100 on 8/2 (PCL). [M] Manawatu E, c150 on 14/4, c800 on 5/5; Foxton No.1 L, max c100 on 4/2 (JLM). [HB] Ahuriri E, Napier, 86 on 11/11; South Marsh, 200 on 11/11, 8 on 10/6; North pond, by airport, 67 on 11/11, c950 on 10/6 (one of the largest counts on record); Westshore Lag, 18 on 11/11; Waitangi, 68 on 11/11, 124 on 10/6; East Clive - Tukituki E, 68 on 11/11; Porangahau E, 2 on 4/11, 7 on 16/6 (OSNZ cen). Horseshoe L, 100 on 26/5 (OSNZ group). L Rangitapu, near Omakere, 40 on 8/4 (KVT).

#### GREY DUCK *A. superciliosa*

[A] L Kereta, 9 on 2/9 (AJT, PFB, CJ, PS). Whatipu B, 4 on 23/12 (GAT). [BP] Matata, 2 on 4/11 (RMW), 16 on 22/4, 10 on 26/5 (PCL), 7 on 2/6 (AJT). Raukokore R mouth, 40 on 9/2, many if not all of these were hybrid x Mallard (PCL). [G/W] Karakatuwhero R mouth, Te Araroa, 30 on 8/2 (PCL). Te Puia Springs L, 4 on 3/1 (GAT), 5 on 3/6 (AJT). [Wg] Wanganui E, 2 on 1/7 (OCT, CCO, RS, GR). [M] Manawatu E, 2 on 14/4, c10 on 5/5 and 27/5; Foxton No.1 L, 2 on 17/9 and 10/12 (JLM). [HB] South Marsh, Westshore, 5 on 11/11; Porangahau E, 10 on 16/6 (OSNZ cen). Appear to be few true Grey Duck in HB unless they are in remote

areas. Apparent Grey/Mallard hybrids more common (MTC). [W] Waikanae E, 10 on 16/1 (AJT). Ratanui Ls, Paraparaumu, 5 on 15/5 (AJT, BAT).

#### GREY TEAL *A. gracilis*

[SA] Manukau H, summer 20, winter 586 (DGB, MG, SG, AJG, OSNZ cen). Kidds Bay, Karaka, 260 on 11/3; Miranda, 10 on 22/4 (PJA, DJA, PH). [Wk] Hamilton L, 2 on 3/6 (ASR). [BP] Kaituna Cut, 150 on 3/3, 120 on 14/3; Maketu E, 2 on 4/11 (PCL). Matata, 3 on 25/3 (RMW). [Wg] Pauri L, Wanganui, 11 on 22/8; Kaitoke L, 20 on 30/11 (PFB, OCT). [M] Manawatu E, 6 on 8/7, 65 on 5/5, c160 on 17/6 (JLM, PFB). Foxton No.1 L, 4 on 4/2 (JLM). [HB] Ahuriri E, 6 on 11/11 (OSNZ cen). Westshore Lag, c200 on 29/4 and 10/6 (CFM, JGH, OSNZ cen). Porangahau E, 5 on 16/6 (OSNZ cen). Horseshoe L, 400 on 26/5, on sanctuary during shooting season (OSNZ group). Seen at most HB lakes, generally in small numbers (MTC). [W] Kapiti I, 18 on northern lag on 16/1 (AJT). Waikanae E, 4 on 3/9 (JL), 5 on 8/1 (AJT), 3 on 14/4 (BAT, MAF). Ratanui Ls, Paraparaumu, 11 on 15/5 (AJT, BAT).

#### BROWN TEAL *A. aucklandica chlorotis*

[FN] Moturoa I, BoI, pair + 1 fledgling in creek by homestead in late Jan (GAT, SLT) and 19/2 (SAn), 3 pairs, 1 with 5 chicks and 1 with 4 chicks reported by farm manager on 2/2 (per GRP). [N] Census of Brown Teal habitat – BoI: Parekura Bay, 80 on 21/2, Wairoa Stm, Parekura Bay, 31 on 21/2, Bentzen's Pond, Parekura Bay, 8 on 21/2, Waikare R, 3 on 21/2, Clendon Cove, Manawaora, 66 on 21/2 (GRP). Whangaruru H: Ngaioitonga Stm, 19 on 21/2, Tutaematai, 63 on 21/2, Punaruku Stm, 8 on 21/2 (GRP). Teal Bay, near Mimiwhangata, 24 on 19/2; Ngahau Bay, 3 on 19/2; Mimiwhangata, 25 on 19/2 (CS-K per GRP). Whananaki E, 28 on 28/6/89 (PA), 78 on 23/2; Matapouri, 2 on 23/2 (GRP). Kowharewa Bay, Tutukaka, 2 on 27/8 on small creek (P&KM), 1 on 23/2 (GRP). [A] Mangere SP, 1 among Mallards on 8/1 (PJA, DJA).

#### NEW ZEALAND SHOVELER *A. rhynchotis variegata*

[A] Straka's Refuge, Waiwera, 135 on 21/4 (AJT, GAP, *et al.*). [SA] Manukau H, summer 24, winter 452 (DGB, MG, SG, AJG, OSNZ cen). Miranda, 21 on 20/8 (AVS *et al.*), 21 on 22/4 (PJA, DJA *et al.*). [Wk] Hamilton L, 2 on 6-7/6 (ASR, SC). Patetonga Lag, Hararaki, 12 on 17/6 (GK). South Taharoa Ls, 5 on 24/12 (SPC). [BP] Kaituna Cut, 5 on 27/5 (PCL). Matata Lag, 2 on 4/11 (RMW), 100 on 6/2, 120 on 22/4, 111 on 26/5 (PCL) 116 on 2/6 (AJT). [G/W] Te Puia Springs L, 6 on 3/1 (GAT), 10 on 3/6 (AJT). [Wg] Pauri L, Wanganui, 33 on 23/8 (PFB). [HB] Ahuriri E, 21 on 11/11, 101 on 10/6 (OSNZ cen). North Pond, Westshore, c100 on 17/12 (KVT). Westshore Lags, 276 on 10/6; South Marsh, 14+ on 11/11; Waitangi – East Clive, 10 on 11/11 (OSNZ cen), pairs with 2 sets of ducklings in Muddy Crk on 23/11 (FET, MTC), 2 on 10/6 (OSNZ cen). Te Awanga, pair with 4 ducklings on 17/11, inconspicuous compared with Mallards and seldom seen swimming about (BMT). Horseshoe L, c200 on 26/5 (BJ, MJ). Porangahau E, 2 on 4/11, 57 on 16/6 (OSNZ cen). [W] Waikanae E, 54 on 3/9 (JL).

NORTHERN SHOVELER *A. clypeata*

[Wg] Pauri L, Wanganui, 1 male and 1 female in breeding plumage from 19-24/8 (PFB, IS, OCT).

NEW ZEALAND SCAUP *Aythya novaeseelandiae*

[N] L Kanono, Pouto Ls, 210 on 24/2 (AJT, GAP). [A] Straka's Refuge, Waiwera, 1 male and 1 brown plumaged on 21/4 (AJT, GAP, *et al.*). [Wk] Hamilton L, 1 drake on 20/10 (OSNZ cen). South Taharoa Ls, 27 on 22-24/12 (SPC). [BP] Matata Lag, 64 on 4/11 (RMW), 60 on 22/4 (AM), 109 on 26/5 (PCL), 72 on 2/6 (AJT). Thornton Lag, 30 on 4/11 (RMW). [VP] L Okataina, 33 on 10/9 (AJT), 14 at northern end on 27/12; Sulphur Bay, L Rotorua, c150 including 1 pair with 3 chicks on 26/12; Whakarewarewa SFP, 5 mile swamp, 2 pairs on 26/12 (GAT). L Tarawera, c100 on 9-10/9 (AJT). L Ngahewa, near Waiotapu, 6 on 5/1 (GAT, SLT). [Wg] Pauri L, 2 on 23/8; Kaitoke L, 26 on 30/11 (PFB, OCT). [HB] L Tutira, c45 on 27/6 (KVT). Horseshoe L, c40 on 26/5 (BS, LMS). Wanstead Lag, 5 on 17/6 (CFM, JGH). Present in a few localities only but apparently stable populations at those places (MTC). [Wr] Henley Ponds, Masterton, 5 on 29/7 (TCD, CAO, ERW). [W] L Puketewhainoi, Waikanae, 6 on 30/9 (AJT), 11 on 8/10 (BAT, JL, MAF). Ratanui Ls, Paraparaumu, 1 male and 3 brown plumaged on 15/5 (AJT, BAT).

AUSTRALASIAN HARRIER *Circus approximans*

[FN] Motuopao I, a few visiting island daily from 31/1 to 3/2 and returning to mainland at night (RJP). [N] Aorangi I, Poor Knights, 5 + present all day on 17-18/5 (RJP). [A] Big Shoal Bay, Waitemata H, 1 on 9/7 (GAP, SM, MGa). [SA] Karaka, Manukau H, 6 on 25/1 roosting in a group in rushes on the bank, then flying out over the bird flocks in ones or twos and returning to the bank (BHS). [HB] Ahuriri E – Westshore area, 14 on 11/11, 7 on 10/6 (OSNZ cen). Fernhill, nest with 5 young on Swamp Rd farm in late Nov/Dec (JGH). Hastings, 1 hawking just above rooftops in Hastings suburb on 15/6 (MTC).

NEW ZEALAND FALCON *Falco novaeseelandiae*

[SA] Orere, 1 on 2/8 (N. Neville). [Wk] Ruakiwi Rd, central Hamilton, 1 in flight on 12/3 (PJT). Pirongia, 1 in mid-August (RSi). Ngutunui, 1 on 12/10 and 18/11 (WIR). Rangitoto Station, near Te Kuiti, 1 on 17/3 (ASR). Mapara SF, 1 on forest floor eating still- alive Morepork on 22/10; 2-3 pairs in February (PJT). Ketemaringi Trig, upper Ongarue R, 1 on 24/9 (RWD). [BP] Whale I, 1 on 9/8 (D. Field per KOW) and 29/3 (W. Shaw per KOW). [VP] Mt Tarawera, 1 on 28/3 soaring with a Harrier using thermals from crater (BHS). [Wg] Tongariro NP, near Raetihi, 1 on 12/8 (PFB). [M] Palmerston North: 1 in Esplanade Gardens in July (CW); 1 chasing swallows near bridge in Sept (RF); 1 at Lockwood Rd, SSW of city on 3/4 (RS). [HB] Kaweka SFP, 1 on "4x100" Kuripapango on 28/11 (BS). Fernhill, 1 female on 7-8/3/89, 1 seen several times over vineyard in spring '89 and again in May '90 (JGH). Twyford, 1 over garden, swooping (unsuccessfully) over small bird. Sightings fairly frequent, possibly the Fernhill bird (JW). Havelock North, 1 young bird seen 5 times over several days at apiary on outskirts of Havelock North around 20/7 (JRB), 1 at DSIR orchard on 26/5/88 and 3/6/88 (NL). [Wr] Greytown, 1 bounced in and out

of a mist-net whilst passerine netting on 9/7 (BWB, TCD). Ahikouka Rd, Greytown, 1 female regularly sits on a power pole in late afternoon adjacent to road. Seen to chase sparrows, and catch and kill a blackbird and a mouse (MW). [W] Lower Hutt, 1 in central city on 5/6 with prey in talons (EM). Seatoun, Wellington, 1 in April-May (DB, MB).

**NANKEEN KESTREL** *F. cenchroides*

[M] Rangiwhia, near Mangaweka, 1 male in valley 6 km from township on 3-4/5 and 10/5, not found late June (RS, RAC, IS, PFB). [HB] Havelock North, the kestrel seen on Te Mata Peak during last 3 years still in area. Sometimes descends to edge of residential area of Havelock North village. Possibly 2 birds seen together at times (BMT).

**CALIFORNIA QUAIL** *Callipepla californica*

[FN] California Hill, near Awanui, small flocks seen (MH). [BP] Papamoa, 1 cock calling on 4/11 in garden, though seen, there was no sign of a mate. This is the first quail in the area for some years; Ohope Hill, a covey of c10 on 26/5; Motu R mouth, 1 cock on 7/2 (PCL). [HB] Taradale, 13 on 10/4 at golf course in area bordering riverbed scrub; Hastings, 9 by orchard area bordering city on 15/4. Commonly heard spring and early summer. Few reports but present in many districts (MTC).

**BROWN QUAIL** *Synoicus ypsilophorus*

[FN] Cape Reinga, 1 on 17/3 (AJT). Karikari Bay, 2 on 6/7 (AJT, PFB, GJE). California Hill, near Awanui, small flocks seen (MH). [N] Tangiteroria, 1 pair on 25/6/89 in an established pine plantation (PA). [A] Jordan's, Kaipara H, 2 on 7/11 (PFB, ACC). Pakiri, 1 on 29/11 (AJT). [SA] Island Block Rd, Meremere, 4 on 6/8 (AJG *et al.*), 2 on 28/10 (PJA, DJA). [BP] Kaituna Cut, Maketu, 5 on 5/7 (IS). Motu R bridge, 3 on roadside near bridge on 10/2; Near Cape Runaway, 1 pair on 8/2; This species is very much on the decline in BP (PCL). [HB] Fernhill, 2 at vineyard on 5/11, down on previous years when up to 12 seen. Usually some nesting each year and young have been seen (JGH).

**RING-NECKED PHEASANT** *Phasianus colchicus*

[FN] Moturoa I, BoI, pair seen in late Jan (GAT). [BP] Papamoa, 22 on 21/10 out feeding on grass verge by sand dunes at dusk, between Kirkpatrick Place and Papamoa Domain (3.75 km) (D. Latham per PCL). [HB] Seen with reasonable frequency on roadsides and riverbed scrub areas. Also at orchard/market garden areas bordering Hastings (MTC).

**WILD TURKEY** *Meleagris gallopavo*

[FN] Moturoa I, BoI, several family groups present, living in farmland and mixed shrubland in late Jan. They are apparently feral; included group of 3 adults + 8 juvs and group of c10 birds (GAT, SLT).

**BANDED RAIL** *Rallus philippensis assimilis*

[FN] Pungaru, Hokianga, 1 seen flying on 15/3; Pickmere Channel, Kerikeri, 1 perched in saltmarsh ribbonwood on 2/4 (GRP). [N] Aorangi, Poor Knights, a few seen and heard on 17/5 (RJP). Ngunguru R, 1 seen morning and afternoon on 9/6 (P&KM). Taiharuru E, 1 seen flying on 10/3; Hatea R, Whangarei H, 1 reported above bridge in town on 26/3 (GRP).

Oakleigh R, 1 on 10/6 (P&KM). [A] Wenderholm Res, Waiwera, 2 on 15/7 (WL). [SA] Wairoa R, Clevedon, 1 with 2 almost fledged juvs, earlier reported with 6 chicks (AJG). Access Bay, Miranda, 1 adult with 3 black juvs on 3/2 (DAL *et al.*). Wharekawa H, 1 feeding in open on 7/1 (IS). [Wk] Kawhia, by rest area on north side of harbour, 1 on 22/2. Still present despite causeway recently built across mouth of bay (DJR). [BP] Maketu, 1 on 5/7 (IS). Matata, 1 on 27/8 (PCL). Whakatane, 1 on 1/11 handed in dead to Whakatane Office, DOC (D. Paine per KQw).

#### SPOTLESS CRAKE *Porzana tabuensis plumbea*

[N] Aorangi, Poor Knights, common on forest floor, active during day on 17/5 (RJP). Mangakahia, several heard in raupo on 8/11; Kokopu, 3 responded to tape in flax/raupo swamp on 7/12 (PA). [Wk] Meremere, Island Block Rd, responded to tape on 6/8 (AJG *et al.*). Kopuku, 1 heard in drain near road on 6/8 (JVD). Waihou, 1 (probably juv) caught in garden on 2/6 (ANB). [BP] Awaiti wetlands, 1 heard calling in reed bed on 22/4 (RM). [VP] Rotorua, 1 handed in dead on 25/6 to Rotorua Lakes Field Centre, DOC, no other details (KQw). [M] Foxton No.1 L, 1 heard on 9/7, 1 and 2 seen, 1 heard on 1/1 & 4/2 (JLM). L Kaikokupu, seen and heard on 25/3 (RAC).

#### MARSH CRAKE *P. pusilla affinis*

[Wk] Whangamarino Swamp, The Causeway, 1 found dead under bridge over river on 1/2/89 (FN).

#### PUKEKO *Porphyrio p. melanotus*

[Wk] Hamilton L, 6 on 20/10, 20 on 24/2, 12 on 21/4 (OSNZ cen). South Taharoa Ls, 7 on 23/12 (SPC). [BP] Papamoa, a group of 20-30 feeding at dawn and again at dusk, in paddocks on corner of Bell's and Partons Rds on 30/6; Motu R mouth, 1 on 7/2 (PCL). [HB] Westshore Lag, 7 on 11/11, 12 on 10/6; North Pond, 4 on 10/6; Ahuriri E, 7 on 10/6 (OSNZ cen). Hastings, at orchard backing onto Karamu Stm, birds were flying into apple trees and eating fruit. Orchardist has not seen this behaviour before, Jan '90 (MTC). Horseshoe L, c30 on 26/5 (OSNZ group). Porangahau E, none seen on monthly surveys 1/7-10/2 (OSNZ cen).

#### AUSTRALIAN COOT *Fulica atra*

[FN] L Waingata, 2 on 25/2 (P&KM). [A] Western Springs, Auckland, 32 adults and c10 chicks on 5/2 (AJT, GAT). [Wk] Hamilton L, 55 on 20/10, 10 on 24/2, 12 on 21/4 (OSNZ cen), pied individual on 20/9 (JMR). Numbers down considerably on previous years. [BP] Matata Lag, 2 on 6/2 (PCL), 3 on 22/4 and 6/5 (AMc), 10 on 26/5 (PCL), 5 adults and 1 half-grown chick being fed on 2/6 (AJT). [M] Centennial Lag, Palmerston North, 35 on 23/7, c20 on 24/3 (JLM, RG). [HB] L Tutira, still present winter '90 (AGS, ALH). Horseshoe L, none seen on 26/5 but farm owner reported that there were many in a barley field near lake in autumn '90 (KVT, MTC).

#### SOUTH ISLAND PIED OYSTERCATCHER *Haematopus ostralegus finschi*

[FN] Parengarenga H, 61 on 4-5/7 (RJP). Kokota Spit, Parengarenga H, none on 4/7 (AJT, RJP, GJE, VH). Houhora H, 64 on 3/7 (RJP). [N] Whangarei H: Port Whangarei, 871 on 26/5; Skull Crk, 770 on 15/4; Tokitoki Crk, 1200 on 15/4; Marsden Pt, 250 on 8/7 (GNG). Kelly's Bay, Kaipara

H, c800 on 25/2 (AJT). [A] Omaha E, 218 on 19/7 (NR, KB). Jordan's, Kaipara H, 2000 + on 4/9, 945 on 15/10 (GNG). Big Shoal Bay, Waitemata H, 194 on 9/7 (GAP, SM, MGa). Mangere SP/Kiwi Esplanade, c2900 on 19/9 (GAT), albino present occasionally harrassed by other SIPO (VJL). Little Huia, Manukau H, c110 on 1/8 (AJT). [SA] Miranda, c400 on 24/9 (GAT). Colville H, 50 on 11/2 (BHS). [BP] Tauranga H: Bowentown Shellbanks, 17 on 18/11, c300 on 3/3, 211 on 17/6 (BC), Matahui Pt, 100 on 17/6 (RSC), Sulphur Pt, 38 on 3/3 (GGB, LJB), 45 on 31/3 (KLB, RSC), Aerodrome Bay, 90 on 17/6; Little Waihi, 3 on 22/10, 5 on 4/11 (GGB, LJB), 12 on 27/5 (KLB). Ohiwa H, 130 on 8/7, 15 on 8/1 (WMH), 170 on 26/5 (WHS). [GW] Maungawhio Lag, Mahia, 2 on 4/1; Wairoa R mouth, 1 on 5/1 (GAT, SLT). [Wg] Wanganui E, 8 on 1/7 (OCT, CCO, RS, GR). [M] Manawatu E, 57 on 14/1 and 11/2, c60 on 4/2 (JLM, RG). Ohau E, 60 on 26/5; Pekapeka – Te Horo B, 16 on 6/5 (GAT). [HB] Ahuriri E, 1 on 11/11, 12 on 10/6 (OSNZ cen), numbers rose from 1 on 20/10 to 16 on 29/4 (CFM, JGH). Mangatahi, Ngaruroro R, unconfirmed report of pair with chick end of Oct (PWT), single nests have been found here in 1 or 2 previous years (MTC). Porangahau E, 11 on 4/11, 13 on 16/6 (OSNZ cen), numbers ranged from 2 to 11 on monthly surveys from 1/7 to 10/2 (HAR, CFM). [W] Waikanae E, 33 on 15/5 (AJT).

#### VARIABLE OYSTERCATCHER *H. unicolor*

[FN] Cape Maria van Diemen, 45 on 12/6 (GRP). Tom Bowling Bay, 4 on 18/3 (AJT, GAP). Spirits Bay, 7 on 17/3 (AJT, AW). Parengarenga H, 70 + on 4/7 (RJP). Great Exhibition Bay, 122 on 5/7 (AJT, VH, KB). Houhora H, 7 on 3/7 (RJP). Moturoa I, BoI, 2 adults + 2 fledglings in late Jan (GAT). [N] Ocean B, 15 pairs appeared to have raised no chicks in 89/90 summer; Ruakaka E, 16 pairs hatched 19 chicks with possibly 15 surviving in 89/90 summer; Waipu E, 35 pairs raised a minimum of 13 chicks in 89/90 summer (TS, GRP). [A] Pakiri B, 13 on 1/10 (CJ, SPC), 23 on 29/11 (AJT, DHT). Te Arai Stm, 12 on 15/1, including pair giving broken wing display; Pakiri R, 6 pairs + 2 small chicks, 1 medium chick and 2 fledglings on 15/1 (GAT). Omaha E, 15 on 19/7 (NR, KB). Stack at Waiwera R mouth, 4 on 27/4; Waiwera E, pair with well grown chick on 23/3 (AJT). Maria I, 1 on 26/11 (GAT). Motukaraka I, 3 on 17/9 (GAT, EKC). Whatipu B, 4 on 4/7, 8 on 1/8 and 4/9 (GAT, AJT, KS), 2 pairs + nest with 2 chicks c3 days old on 23/12 (GAT). [SA] Karaka, Manukau H, 9 on 20/6 (JU). Colville, 40 on 18-19/3 (AVP). Buffalo B/Wharekaho, 2 pairs bred. First pair had 2 chicks flying on 25/2, whole family apparently left area after 13/2. Second pair hatched 2 chicks but only 1 was seen after parents were seen attacking Harrier on 13/2, last seen together as family on 17/6 and chick last seen on 23/6. On 11/6 one parent had obviously moulted (MBM). [Wk] Waikorea B, 4 on 13/10; Ruapuke, 4 on 14/10, nest with 3 eggs on 4/12, 2 on 31/5 (ASR), 4 on 15/6 (PMB). Kawhia B, 5 on 14/10, 3 on 19/11 (BAW). Taharoa B, 2 pairs on 9/11 (ASR), 4 pairs, 1 with 3 chicks on 20-31/12 (SPC), 5 on 16/4 (ASR). [BP] Tauranga H: Bowentown B, 6 on 26/11; Bowentown Shellbanks, 12 on 18/11, 35 on 17/6 (BC), Sulphur Pt, 4 pairs (1 with 2 chicks, 1 with 3 chicks, 1 with 3 eggs, 4th pair territorial but no nest or chicks found) on 18/11 (RSC, MS), 1 pair with half-grown chick on 3/3 (GGB, LJB), 17 birds on 31/3 (KLB, RSC), 5 birds on 17/6 (AM, JM, MS),

NW end of Matakana I, 10 on 18/11, 2 pairs (1 with 1 chick, 1 with 2 chicks) on 3/3 (BC), Panepane Pt, Matakana I, 18 (2 imms) on 3/3, 12 pairs (evenly spaced along beach) on 17/6 (PCL), Aerodrome Bay, 4 on 17/6 (GGB, LJB), Tauranga H bridge, 1 pair on Mount approach on 18/11 (PCL). Kaituna Cut, 2 pairs on 4/11, 1 pair on 31/1 and 27/5 (GGB, LJB, PCL). Maketu E, 8 pairs + a single bird breeding on spit on 22/10 (BC), 8 birds roosting on shellbank near estuary mouth on 22/10 (AM), 40 birds on 4/11 (PCL), 14 on 28/12 (GAT), 8 pairs, a single adult and a chick c1 week old on spit on 31/1 (PCL), 14 birds on spit and 2 pairs on entrance sandbank on 3/3 (KLB, PCL, AM), 6 pairs on spit and 10 birds on entrance sandbank on 27/5 (PCL, AM, JM). Little Waihi E, 32 on 22/10, 31 on 4/11 (GGB, LJB), 44 on 31/1 (PCL), 55 on 31/3 (AM, JM), 66 on 27/5; Newdicks B, 20 on 22/10 (KLB). Pukehina Spit, 2 pairs breeding on 22/10 (K&NS), 7 birds (1 imm) on 3/3 (PCL), 18 on 27/5 (K&NS). Pukehina B (Rogers Rd), 2 pairs and 1 adult on 22/10 (PCL). Otamarakau, 2 pairs on 27/8 and 4/11, 3 pairs on 3/3 (PCL, RMW). Hauone, 1 pair on 4/11, 3 birds on 31/3; Herepuru, 3 pairs on 4/11, 5 birds on 3/3 (RMW), 1 pair on 26/5 (PCL). Tarawera R mouth, 1 pair (1 of which was "speckles") on 27/8, 4/11, 6/2, 22/4, 26/5 and 2/6 (PCL, AJT, RMW). Rangitaiki R mouth, 8 on 27/8 (PCL), 2 on 4/11, 12 on 25/3, 11 on 26/5 (PCL, RMW, 19 on 2/6 (AJT). Whale I, 5 on 28/11, 4 adults and 2 imms on 21/2 (WMH). Whakatane R mouth, 7 on 26/5; Maraetotara Stm mouth, Ohope, 27 on 26/5 (PCL). Ohope Spit, 17 on 5/11, 4 pairs and 3 chicks on 14/2 (WMH), 21 on 26/5 (PCL, RMW), 17 (1 imm) on 2/6 (AJT). Ohiwa Spit, 16 on 4/11, c88 on 26/5 (PCL, WHS). Waiotahi B, 11 on 4/11 (WHS) and 30/12, including 1 pair giving nest displays (GAT, SLT), 9 on 26/5 (WHS). Waioeka E, 11 on 4/11 (WHS), 3 on 30/12 (GAT, SLT), 4 on 26/5 (WHS). Waiau E, 8 on 4/11 (PCL, WHS), 7 on 31/12, including 1 nest (GAT, SLT), 2 on 10/2 (PCL, WHS), 11 on 26/5, 8 on 3/6 (WHS). Motunui I, 2 adults + 1 nearly fledged chick on 31/12; Papatea Bay, 2 on 1/1 (GAT, SLT). Raukokore R mouth, 5 on 9/2 (WMH, PCL). Oruaiti B, Waihou Bay, 6 on 10/2 (WMH, PCL). Whangaparaoa E, 3 on 7/11, 1 pair with 2 chicks on 11/12 (WMH), pair + juv on 1/1 (GAT, SLT), 1 adult and 1 imm on 9/2 (PCL), 1 adult on 3/6 (AJT). [G/W] Lottin Pt, 2 on 1-2/1 (GAT, SLT). Hicks Bay, 2 on 12/12 (WMH), 3 on 2/1 (1 giving alarm calls) (GAT, SLT) and 8/2, all adults (PCL). Karakatuwhero R mouth, Te Araroa, 1 pair on 12/12 and 8/2 (WMH, PCL). Te Araroa to East Cape, 3 on 3/6 (AJT). Mahia B, 2 on 4/1; Maungawhio Lag, Mahia, 5 adults + 1 chick on 4/1 (GAT, SLT). Mahia Pen, 32 near south point on 4/3; Portland I, flock of 23 on 4/3 (GAF). [Wg] Turakina E, 2 on 1/7 (OCT, CCO, RS, GR). [M] Manawatu E, max 4 on 1/1 and 14/1 (JLM). Ohau E, 38 + on 26/5 (with 60 SIPO) (GAT), 81 on 24/6 (WRJ, AC). [HB] Ahuriri E, 2 on 24/2 (RS, TAS), 1 on 10/6 (OSNZ cen). Te Awanga, 2 at Maraetotara R mouth on 29/8 increased to 7 on 6/12 and 11 on 9/4, some sightings between these dates. Almost all birds completely black phase (BMT). Porangahau E, 7 on 4/11 and 14 on 16/6 (OSNZ cen), birds seen each month on monthly surveys from 1/7 to 10/2, numbers ranged from 2 on 2/12 to 17 on 2/1 (BDH, HAR, CFM). [Wr] Mataikona, 11 on 19/7 (DS), 14 on 4/4 (JA). [W] Waikanae E, 32 on 15/5 (AJT). Home pair raised 1 pied chick on second nesting attempt, seen with



parents from 21/1 to 15/5 (AJT, JL, MAF, BAT). Ward I, 4 on 12/5 (AJT *et al.*).

### PIED STILT *Himantopus h. leucocephalus*

[FN] Parengarenga H, 1345 on 4-5/7; Houhora H, 347 on 3/7 (RJP). [A] Jordan's, Kaipara H, 370 on 7/11 (PFB, ACC). Te Arai Stm, 24 adults + 1 fledgling on 15/1 (GAT). Big Shoal Bay, Waitemata H, 143 on 9/7 (GAP, SM, MGa). Te Henga, 12 on 30/6 (GAT). Whatipu B, 17 on 1/8 (GAT, AJT), 9 adults on 23/12; Mangere SP, c275 on 19/9 including large numbers of juveniles (GAT). [SA] Wairoa R, Clevedon, 84 in 4km to mouth on 1/4 (TRH), pair with 1 chick just fledged on 26/12 (AJG). Miranda, FoT, 340 on 24/9 (GAT). [Wk] L Ngaroto, c70 including 17 juvs, 2 node D, 2 node C2 on 17/5 (BHS). [BP] Tauranga H: Bowentown Shellbanks, 7 on 17/6 (BC); Tuapiro E, 47 on 17/6 (BC), Matahui Pt, 280 on 16/6; Omokoroa Golf Course, 36 on 17/6 (RSC), Aerodrome Bay, 6 on 18/11, 39 on 17/6 (GGB, LJB). Kaituna Cut, 41 on 18/10 (BDH), 160 on 3/3 (KLB, PCL), 250 on 14/3; Maketu E, 67 on 4/11, 100 on 3/3, 60 on 31/3; Little Waihi E, 50 on 31/1 (PCL), 60 on 31/3 (AM, JM), 250 on 27/5 (KLB). Matata, 8 on 4/11 (RMW), 36 on 18/1 (CFM), 130 on 6/2 (PCL), 230 on 11/4 (WMH), 120 on 22/4 (PCL), 92 (18 imms) on 2/6 (AJT). Rangitaiki R mouth, 1 on 4/11 (RMW), 32 on 17/3 (WMH), 2 on 22/4, 30 on 26/5 (PCL), 3 (2 imms) on 2/6 (AJT). Ohope Spit, 11 on 5/11 (WMH). Ohiwa Spit, 22 on 4/11, 19 on 26/5; Waiotahi E, 4 on 4/11; Waioeka E, 7 on 4/11 (WHS), 18 + 2 juvs on 30/12 (GAT, SLT). Waiau E, 11 on 4/11 (WHS), 3 pairs on 31/12 (GAT, SLT), 4 on 10/2, 3 on 26/5, 9 on 3/6 (WHS). Hawai R, pair in pond on 31/12 (GAT, SLT). Motu R mouth, 6 on 4/11 (WHS), 3 on 7/2 (PCL). Whangaparaoa B, 2 pairs, 1 giving broken wing display on 1/1 (GAT, SLT), 7 on 7/2 (PCL), 5 on 3/6 (AJT). [G/W] Hicks Bay, 2 on 12/12 (WMH), 2 pairs on 2/1 (GAT, SLT), 6 on 8/2 (PCL). Karakatuwhero R mouth, 2 on 12/12 (WMH), 3 pairs + 1 recent fledgling on 2/1 (GAT), 4 on 8/2 (PCL). Maungawhio Lag, Mahia, 47 (including numerous fledglings) on 4/1; Wairoa R mouth, 66 on 5/1 (GAT, SLT). [Wg] Wanganui E, 51 on 9/7 (OCT, CCO, RS, GR), 169 on 15/2; Turakina E, 10 on 9/7 (OCT, CCO, RS, GR), 132 on 15/2 (PFB). [M] Foxton No.1 L, max 30 on 26/8, 6 birds on nests; Manawatu E, c400 on 5/5; Moutoa, max 60 on 26/8 (JLM). Hokio B, 12 on 6/5; Waikawa-Ohau B, 19 on 6/5 (GAT). Ohau E, 66 including 4 juvs on 13/6 (HAR). Pekapeka-Te Horo B, 4 adults + 1 juv on 6/5 (GAT). [HB] Ahuriri E, 310 on 11/11, 487 on 10/6; South Marsh, 148 on 11/11, 51 on 10/6; Westshore Lag, 23 on 11/11; Waitangi E/Tukituki E, 64 on 11/11; Waitangi E, 110 on 10/6; East Clive, 71 on 10/6 (OSNZ cen), 2 birds banded in spring still in area on 26/3 (MPT, PWT). Tukituki E, 109 on 28/1 (TAS). L Poukawa, c1500 in paddock near railway line on 17/6, an unusually large count (CFM, JGH). Porangahau E, 151 on 29/7 was largest count on monthly surveys from 1/7 to 10/2 (BDH, HAR), 12 on 11/11, 259 on 10/6 (OSNZ cen). [W] Kapiti I, 17 on northern lag on 16/1 (AJT).

### BLACK STILT *H. novaeseelandiae*

[Wk] Kawhia, 3 + 2 juvs (banded) + 10 hybrids (2 banded) on 23/7 (BHS), 16 on 9/6 including hybrids, 3 adults, 4 juvs banded (OSNZ cen).

## HYBRID STILT

[SA] Gates Dam, Manukau H, 3 on 24/6; Pukinui Refuge, 4 on 24/6 (OSNZ cen). Conifer Grove, Takanini, node F with 537 pied stilts on 25/6; FoT census, 3 on 27/5; Miranda, 2 on 26/6 (AJG). [M] Manawatu E, 1 on 9/12 and 26/12, also 1/1 and 14/4, node E with narrow black line down centre of belly and black under tail (JLM).

NEW ZEALAND DOTTEREL *Charadrius obscurus*

[FN] Parengarenga H, 17 + on 4-5/7 (RJP). Great Exhibition Bay, 43 on 5/7 (AJT, VH, KB), 16 on 29/7 and c35 on 17/3 (P&KM). Houhora H, 53 on 3/7 (RJP). Karikari Bay, 11 on 6/7 (AJT, PFB, GAP). Moturoa I, BoI, pair nesting on northern beach (GAT). [N] Kauri Mountain B – Ocean B, 29 on 2/7, 32 on 4/11, 21 on 10/3 (P&KM), 10 pairs apparently raised no chicks in 89/90 summer (TS, GRP). Whangarei H: Onerahi Airport, 25 on 25/4, 16 on 26/5; Skull Ck, 7 on 30/12, 37 on 15/4; Ruakaka E, 25 on 9/7, 3 on 13/12 (GNG), 6 pairs raised 3 chicks in 89/90 summer (TS, GRP). Waipu E, 14 on 15/10, 30 on 19/12 (GNG), 13 pairs raised 9 chicks in 89/90 summer (TS, GRP), 14 on 15/6 (P&KM). [A] Te Arai Stm, 3 pairs on 15/1 (GAT). Pakiri B, 15 on 1/10 (CJ, SPC). Pakiri R, 2 pairs + 2 chicks on 15/1 (GAT). Omaha E, 21 (9 banded) on 19/7 (NR, KB). Taporā, 2 on 18/11; Jordan's, Kaipara H, 4 on 15/10 (GNG). Muriwai B, 9 on northern section of beach, south of Papakanui Inlet on 10/12 (GAT). Big Shoal Bay, Waitemata H, 2 on 9/7 (GAP, SM, MGa). Whatipu B, 8 on 4/7, 7 on 1/8, 13 on 4/9, 3 pairs on 23/12 (GAT, AJT, KS), 15 on 4/2 (AJT, GAP). [SA] Kidds, Karaka, 1 pair with 2 one-week old chicks on 25/1 (BHS), half-grown chick on 11/2 (PJA *et al.*). Mataitai, Clevedon, 22 on 27/4 (AJG). Miranda, 1 pair defending territory on 31/10 (BHS). Sunset B, Port Waikato, 4 on 24/9 (GAT, SLT). Coromāndel H, 19 on 18-19/3 (AVP). Colville H, 22 in two flocks roosting in picnic area on 11/2 (BHS), 41 on 18-19/3 (AVP). Kuaotuna, 3 on 3/7 (IS). Taputapuātea Stm, Buffalo B, 4-5 present from 16/7 to 13/9 and 3 out of 5 on 19/6 (MBM). Tairua H, 2 on 4/7; Wharekawa H, 3 on 4/7, 14 on 7/1 (IS). [Wk] Waikorea B, 2 pairs + 1 on 13/10; Ruapuke, 3 on 14/10 (OSNZ cen), 4 on 4/12, 3 on 31/5 (ASR), 3 on 15/6, just colouring up (PMB). Aotea H, 2 on 9/6 (OSNZ cen). Aotea B, 3 on 23/7 (BHS). Kawhia H: 6 on 18/11, 7 on 9/6 (OSNZ cen), 7 on 23/7; Te Motu, 3 pairs on 25/10, 2 pairs defending territories, 4 scrapes, no eggs (BHS). Kawhia Ocean B, 3 pairs on 14/10, 1 on 19/11 (BAW). Taharoa B, 4 on 9/11 (ASR), 4 + 2 chicks on 20-31/12 (SPC), 4 on 16/4 (ASR). [BP] Bowentown B, 6 on 4/7 (IS), 2 on 26/11, 5 on 31/3, 1 on 17/6 (BC). Tauranga H: NW end of Matakana I, 7 on 18/11, 15 (2 immes) on 3/3 (BC), Panepane Pt, Matakana I, none on 3/3, 16 on 17/6 (PCL), Sulphur Pt, 3 pairs on 18/11 (1 pair with 1 half-grown chick, 1 pair with 2 downy chicks, 1 pair territorial but no nest or chicks found) (RSC), 25 on 24/2 (BC), none on 3/3 but 27 on 4/3 (GGB, LJB), 28 on 6/3 (BC), 25 on 10/3 (GGB, LJB), 20 on 31/3 (RSC, KLB) and 1/4 (BC), 12 on 17/6 (AM, MS), Rangiwaia I, 2 on 3/3 (PCL). Kaituna Cut, 3 in field on 24/9 (KLB), 4 on riverbank on 18/10 (BDH), 2 pairs on 4/11 (PCL), 3 on 3/3 and 14/3 (KLB, PCL), 5 on 27/5 (BC). Maketu Spit, 7 pairs on 22/10 (BC), 8 pairs on 4/11; Maketu E, 2 roosting on marae football field on 22/10 (PCL), 8 on 28/12 (GAT), 24 on estuary sandbank on 31/1, 12 + 1 dead on spit on

3/3, 16 on 14/3, 17 on 31/3, 18 on spit and 3 on sandbank on 27/5 (KLB, PCL). Little Waihi, 9 on 5/7 (IS), 2 on 31/1 (PCL). Pukehina Spit, 2 pairs on 22/10 (K&NS), 16 on 3/3 (PCL), 20 on 31/3 and 7 on 27/5 (K&NS). Otamarakau, 1 pair on 27/8 (PCL), 7 on 4/11 (RMW), 6 on 3/3 (PCL), none on 31/3 (GGB, LJB). Hauone, 4 on 4/11, none from Hauone to the Rangitaiki R mouth on 31/3; Herepuru, 2 on 4/11, none on 3/3 (RMW). Tarawera R mouth, 3 on 27/8 (PCL), 6 on 4/11 (RMW), 3 on 2/6 (AJT), 2 on 24/6 (WMH). Rangitaiki R mouth, 3 on 4/11 (RMW), 6 on 2/6 (AJT). Whale I, 3 on 20/2; Ohope Spit, 24 on 20/9, 14 on 5/11 (WMH), 15 on 18/1 (CFM), 47 + one downy chick on 14/2 (WMH), 32 on 3/3 (WMH, RMW), 81 on 17/3 and 71 on 31/3 (WMH), 60 on 26/5 (PCL, RMW), birds had already begun to move back to Waiotahi – Waioeka – Waiaua by 26/5 (PCL), 54 + 1 dead bird (and one banded YM-RY) on 2/6 (AJT). Ohiwa, 1 on 4/11, none from Ohiwa to Waiaua on 3/3; Waiotahi B, 3 pairs on 18/9 and 6/10, on 2/11 still 3 pairs and one nest with egg, 3 pairs and one downy chick on 9/11 (WHS), 3 pairs on 30/12, giving broken wing displays (GAT, SLT), 6 on 26/5; Waioeka E, 1 pair on 6/10, 5 on 4/11 (WHS), 1 pair giving nest displays on 30/12 (GAT, SLT), 2 on 26/5; Waiaua E, 4 pairs on 19/9, 9 on 4/11 (WHS), pair with nest on 31/12 (GAT, SLT), 6 on 3/6; Motu R mouth, 3 on 4/11 (WHS), 2 on 11/12 (WMH), none on 8/2 (PCL). Whangaparaoa B, 1 on 7/11, 3 on 7/11 (WMH), 5 on 1/1 (pair + 1 half grown chick, other pair giving broken wing display) (GAT, SLT), 2 on 9/2 and 3/6 (PCL, AJT). [G/W] Hicks Bay, 1 on beach on 22/10 (GAF), 2 on 12/12 (WMH), none on 8/2 (PCL). Waiomoko R, near Whangara, 1 pair on 14/6 (J. Galilee per KOW). Oraka E, Mahia, 1 on 5/11 (GAF). [HB] South Marsh, 1 first seen on 18/11 (MPT, PWT), 2 on 20/11 (RS, TAS). These are the first seen here for many years (CFM).

#### BANDED DOTTEREL *C. b. bicinctus*

[FN] Cape Reinga, 14 on 2/11 (PFB, ACC). Tom Bowling Bay, 15 on 18/3 (AJT, GAP). Parengarenga H, 1380 on 4-5/7 (RJP), Paua, Parengarenga H, 562 in the paddocks on 17/3 (GRP, GAP). Houhora H, 212 on 3/7 (RJP). Karikari Pen, 27 on 6/11 (PFB, ACC). L Ohia, Karikari, 20 on 7/1 (GRP, GDQ). [N] Whangarei H: Onerahi Airport, between 80 and 245 from 31/3 to 2/6 (GRP, GNG), Skull Crk, 15 on 15/7, 21 on 30/12 and 70 on 15/4; Takahiwai, 50+ on 20/2; Ruakaka E, 27 on 3/3; Karaka Ck, Pouto, 53 on open beach on 24/2 (GNG). [A] Taporu, Kaipara H, 4 on 18/11, c200-300 on 22/2; Jordan's farm, Kaipara H, 4 on 15/10 (GNG). Muriwai B, 10 on 7/1, including a few juvs and 1 bird giving a nest display (GAT). Big Shoal Bay, Waitemata H, 1 in non-breeding plumage on 9/7 (GAP, SM, MGa). Whatipu B, 35 on 4/7, 16 on 1/8, 20 (3 pairs nesting) on 4/9, 5 pairs on 23/12 (GAT, AJT, KS). [SA] Sunset B, Port Waikato, 3 pairs nesting on 24/9 (GAT, SLT). Miranda, 1 on 4/1, c200 on 25/1, 40 on 3/2, 29 on 30/3 (BHS). Coromandel H, none recorded between 20/8 and 26/1, 68 on 18-19/3, 34 on 13/6 (EP, JV, AVP). Colville H, 18 on 11/2 (BHS). Matarangi Spit, attempted to nest in back garden in new sub-division, but single egg abandoned (EP). Taputapuataea Stm, Buffalo B, 46 on 24/4/88, 31 on 1/8, 12 on 15/8, 2 from 11/8 to 28/12, 15 on 3/1, 29 on 7/2, 39 on 12/3, 43 on 10/4, 34 on 5/6 (MBM). [Wk] Waikorea B, 2 + 1 juv on 13/10 (ASR). Kneebone Rd, Taupiri, pair breeding on peat pasture in Sept (DJR).

Aotea H, c70 (2 banded) on 23/7 (BHS). Kawhia Ocean B, 3 pairs on 14/10, 1 with 3 eggs, 12 on 19/11 (BAW). Taharoa B, 12 on 9/11 (ASR), 4 on 20/12 (SPC). [BP] Bowentown, 2 on 26/11, 117 on 3/3, 196 on 31/3, 106 on 17/6 (BC). Tauranga H: Matahui Pt, 44 on 17/6 (RSC), Sulphur Pt, c400 on 10/3 (GGB, LJB), 500 on 6/3 (BC), 120 on 31/3 (KLB, RSC), 430 on 1/4 (BC), 2 on 17/6 (AM, JM), on 18/11 there were c10 pairs breeding (1 pair with a well grown chick) (RSC, MS), Tauranga Airport, 50 on 17/6 (AM). Kaituna Cut, 1 on 18/10 (BDH), 30 on 3/3 (KLB, PCL), 100 on 14/3, 2 on 27/5; Maketu E, 20 on 3/3 on football field, 2 on spit on 27/5 and 28 on sandbank in estuary on 27/5; Pukehina Spit, 52 on 3/3 (PCL). Otamarakau, 4 on 27/8, 6 on 4/11 and 3/3 (PCL, RMW). Hauone, 1 on 4/11 (RMW). Ohope Spit, 4 on 5/11, 80 on 15/1, 100 on 14/2, 259 on 3/3, 281 on 17/3, 339 on 31/3 (WMH), 455 on 26/5 (PCL), c300 on 2/6 (AJT). Ohiwa, 4 on 6/10, c40 on 20/3. Waioeka E, 5 on 3/3, 15 on 26/5; Waiaua E, 2 on 19/9 and 4/11, 10 on 3/3, 1 on 26/5 and 3/6 (WHS). Hawaii B, 3 pairs at south end, giving nest displays on 31/12 (GAT, SLT). Motu R mouth, 2 on 11/12 (WMH), 6 (2 imms) on 7/2 (PCL). Omaio Bay, 2 pairs + nest with 3 eggs on 31/12 (GAT, SLT). Whangaparaoa E, 6 on 7/11 (WMH), 5 on 1/1 (GAT, SLT), 14 on 7/2 (PCL), 8 on 3/6 (AJT). [G/W] Hicks Bay, 4 on 12/12 (WMH), c11 pairs + 1 juv on 2/1, all giving distraction displays (GAT, SLT), 20 on 8/2 (PCL). Karakatuwhero R mouth, 6 on 12/12 (WMH), 16 on 2/1 (GAT), 20 on 8/2 (PCL). Tokomaru Bay, pair + 2 chicks on 3/1; Muriwai Lag, Poverty Bay, 4 on 3/1; Maungawhio Lag, Mahia, 6 on 4/1; Mahia B, 2 pairs + 1 chick on 4/1 (GAT, SLT). Mohaka R, 19 between SH2 bridge and rivermouth (12km) on 9/12, well down on usual count of 50-60 birds; Korito, Whakaki, winter flock of 119 on flooded paddock on 2/7; Portland I, Mahia, 38 on 4/3; Mahia Pen, 90 in two flocks on 4/3 (GAF). [Wg] Turakina E, 9 on 1/7 (OCT, CCO, RS, GR), 52 on 15/2 (PFB). [M] Manawatu E, max 101 on 13/4 (JLM), 35 on 4/1 (RG). Ohau E, 13 on 6/5 (GAT). [HB] Ahuriri E, flocking had begun by 21/1 though birds still present in reasonable numbers on rivers (MPT, PWT). Waitangi E, 4 on 11/11; East Clive/Tukituki E, 12 on 11/11; Porangahau E, 8 on 4/11, 122 on 16/6 (OSNZ cen), 8 to 74 birds recorded on monthly counts from 1/7 to 10/2, present each month (CFM). Breeding on riverbeds delayed by Sept floods but beach nesting well underway by 24/9, breeding season apparently successful; Tutaekuri/Ngaruroro Rs, no birds present on 14-15/4 (MPT, PWT). L Poukawa, one large flock of c200 in one paddock between lake and SH2 on 17/6 (CFM, JGH). [W] Waikanae E, probably 3 nesting pairs in Sept-Oct (AJT, JL, BAT), 1 on 18/2 and 1/3 with colour bands (JL).

#### BLACK-FRONTED DOTTEREL *C. melanops*

[FN] Kauaeparaoa Stm (Te Paki Stm), 1 on 18/3 (P&KM), seen late on same day by (GRP, GAP, TS, AJT). [BP] Matata, 5 on 22/7, 2 on 29/7 (BC) and 6/8 (RMW), 3 on 12/8 (MS), 5 on 18/8 (RMW), 1 on 22/4 (BC) and 6/5, 3 on 13/5 (AM), 4 on 23/5 (KOW), 2 (1 imm) on 2/6 (AJT), none on 17/6, water level too high but 1 was seen flying across field by main road between Tarawera and Rangitaiki river mouths (RMW). [G/W] Korito, Whakaki, 17 on flooded paddock on 2/7 (GAF). Maungawhio Lag, Mahia, 1 on 4/1 (GAT, SLT) and 24/2; Mohaka River, 23 on river between SH2 bridge and rivermouth on 9/12 (GAF). [Wg] Turakina E, 24 on 9/7 (OCT,

CCO, RS, GR), 11 on 19/8, 3 on 1/1, 15 (1 juv) on 15/2 (PFB). Whangaehu E, 2 on 9/7 (CCO, RS, GR, OCT). [M] Foxton No.1 L, 2 on 6/8, 8 on 27/8 (JLM). Ohau E, 1 on 25/7 (DS, MS), 5 on 1/10 (AJT, BAT), 8 on 6/5 (GAT), 19 on 24/6 (best record) (WJ, AC). [HB] Ahuriri E, 8 feeding on 25/3 and small flocks feeding in flooded fields in June (MPT, PWT). Westshore, 2 on 11/11; East Clive, 2 on 11/11 and 4 on 10/6 (OSNZ cen). L Poukawa, c26 in one field between lake and SH2 on 17/6; L Hatuma, c17 on 17/6 (CFM, JGH), 86 on 28/7 (60 checked, none banded), a very large count (HAR, BDH). Wanstead Lag, c40 on 17/6 (CFM, JGH), 8 counted, none banded on 28/7 (HAR, BDH). As for Banded Dotterel, nesting delayed by Sept floods but birds appeared to have had an average breeding season. First nest at East Clive on 20/10. Of 18 birds banded in 1988-89 seasons only 3 banded birds found this year. All were 1989 birds and all were found in banding area. By 14-15/4 birds had begun to leave rivers. Those remaining appeared to be in pairs and weakly defending territories but only at waters edge (MPT, PWT).

#### LARGE SAND DOTTEREL *C. leschenaultii*

[SA] Miranda, 1 on 4/1 (BHS). [BP] Maketu E, 1 on 28/12 and 31/3 on sandbank with NZ and Banded Dotterel (GAT, PCL).

#### MONGOLIAN DOTTEREL *C. mongolus*

[SA] Miranda, 1 with wrybill on 30/12, 2/1 and 3/1 (AJG *et al.*, PH, PS). [BP] Pukehina Spit, 1 on 3/3, 31/3 and 27/5 with NZ and Banded Dotterels (BC, PCL, K&NS).

#### WRYBILL *Anarhynchus frontalis*

[FN] Ninety Mile B, occasional birds on open beach in winter and spring (GRP). Kokota Spit, Parengarenga H, 159 on 4/7 (RJP, AJT, GJE, VH). [N] Whangarei H: Port Whangarei, 3 on 5/8, 12 on 16/9, 16 on 28/1 (GNG), 41 on 31/3 (GRP, GNG), 77 on 28/4; Tokitoki Ck, 26 on 15/4; Skull Ck, 20 on 15/7, 56 on 15/4 (GNG). Ruakaka E, 3 or 4 in summer, up to 8 in autumn (GRP). [A] Taporā, Kaipara H, c200 on 22/7 (P&KM). Jordan's, Kaipara H, 39 on 2/9 (PFB, CJ, AJT, PS), 2 on 15/10 (GNG), 180 on 13/1; Mangere SP, 80 (none banded) on 19/9; Whatipu B, 1 on 23/12 (GAT). [SA] Karaka, Manukau H, 150-200 on 25/1 (BHS). Miranda, FoT, 500 on 20/8, 180 on 24/9, 25 on 16/11, 71 on 24/12, 350 on 30/12, 834 on 3/1, c2500 on 11/1, c3000 on 24/1 (PJA, DJA, AVS *et al.*), c2000 on 3/2, 1500-2000 on 30/3 (BHS), 2000 on 22/4 (PJA, DJA, AVS *et al.*). Sunset B, Port Waikato, single bird on 18/3 (PJA, DJA). Matarangi Spit, single bird on 27/6 (EP). [Wk] Kawhia H, 1 on 25/10 (BHS). Taharoa B, 6 on 20/12 (SPC). [BP] Tauranga H: Matahui Pt, 39 on 16/6 (BC), 22 on 17/6 (RSC), Sulphur Pt, 6 on 18/11 (RSC, MS), 125 on 24/2 (BC), 150 on 3/3 (GGB, LJB), 99 on 6/3 (BC), 130 on 10/3 (GGB, LJB), 57 on 31/3 (KLB, RSC), 45 on 17/6 (AM, JM, MS), Aerodrome Bay, 8 on 17/6 (GGB, LJB). Ohiwa H, 1 on 6/10 and 20/3 (WHS). Waioeka E, 1 on 30/12 (GAT, SLT). [Wg] Turakina E, 2 on 9/7 (OCT, CCO, RS, GR), 3 on 1/1 (PFB). [M] Manawatu E, max 44 on 1/1 (JLM), 20 on 4/1 (RG), 19 on 30/3 (AKB, MMB). [HB] Ahuriri E/South Marsh, 1 on 3/3 (MPT, PWT) and 29/4, 2 on 15/5 (JGH, CFM). East Clive, 1 on 7/9 and 15/10 (TAS, MPT, PWT). Porangahau E, 1 on 4/11, 60 on 16/6, probably the largest count ever (OSNZ cen). Present in

in numbers from 1 to 57 in all months but Dec in monthly surveys from 1/7 to 10/2 (CFM), highest counts 49 on 1/7 and 57 on 29/7 (BDH, HAR). [Wr] Onoke Spit, a solitary bird seen on lake side on 5/11 (CES). [W] Waikanae E, 1 on 3/9 (JLM) and 20/10 (BAT, DHT).

#### PACIFIC GOLDEN PLOVER *Pluvialis fulva*

[FN] Parengarenga H, 11 on 24/11 (PFB, ACC). Paua, Parengarenga, c100 in paddocks on 17/3 (GRP, GAP). Waimango Swamp, Karikari Pen, 8 on 6/11 (PFB, ACC). L Ohia, Karikari, 198 on 7/1 (GRP, GDQ). [N] Whangarei H: Onerahi Airport, 2 between 25/4 to 2/6, one in full breeding plumage showing that it was a Pacific species; Port Whangarei, between 3 and 36 from 19/11 to 31/3 (GRP, GNG), 1 on 15/4 in breeding plumage (RJP), Skull Crk, 1 on 7/10, 4 on 30/12, 1 on 15/4; Mangawhati Pt, 2 on 23/9; Takahiwai, 18 on 13/12, 1 on 20/2 (GNG), 71 on 3/3 (P&KM). Waipu E, 5 on 1/11 (PFB, ACC). Pouto Pen, 1 on 28/10 (P&KM). [A] Taporā Sandspit, 12 on 18/11 (GNG, P&KM). Jordan's, Kaipara H, 1 in non-breeding plumage on 2/9, probably same bird that was present on 2/6/89 (PFB, CJ, AJT, PS), 62 on 7/11 (PFB, ACC), c40 on 17/12 (ACR *et al.*). [SA] Manukau H: Kirks, 53 on 26/11, 85 on 11/3, Karaka, 25 on 4/5 (BJB, AJG, DAL, AH, JW, CT). [BP] Sulphur Pt, Tauranga H, 11 on 18/11 (RSC, MS). Kaituna Cut, some present on 8/10 (KLB), 2 on 18/10 (BDH), 20 on 4/11, 107 on 3/3, 98 on 14/3 (PCL). Maketu E, 7 on 28/12 (GAT). Ohiwa-Ohope, 11 on 4/11 (WHS) and 5/11, 20 on 14/2, 23 in early March (WMH). [G/W] Maungawhio Lag, Mahia, 20 on 4/1 (GAT, SLT). Wairoa R mouth, max of 32 on 11/11, 22 still present on 25/2 (GAF). [M] Manawatu E, 1 on 17/9, 7 on 1/10, all losing breeding plumage, max 35 on 9/12, still 30 on 18/3, 1 on 13/4 (JLM, AJT, BAT, IS, RG, AKB, MMB). [HB] Ahuriri E, first sighting this year 6 on 3/10 with one still showing breeding plumage (KVT), 12 on 11/11 (OSNZ cen). South Marsh, numbers built up to 44 by 7/1 and c50 by 3/3 (MPT, PWT). Numbers have increased yearly for several years and 50 is almost certainly a record number (CFM). Porangahau E, no birds recorded on monthly surveys from 1/7 to 10/2 (CFM *et al.*).

#### GREY PLOVER *P. squatarola*

[SA] Miranda, 1 seen flying on 30/12, 9/1 and 11/1 (PJA, DJA, AJG, PS, IS).

#### SPUR-WINGED PLOVER *Vanellus miles novaehollandiae*

[FN] Streak Hill, Parengarenga H, 72+ on 4-5/7 (RJP, PFB), 8 on 8/11 (PFB, ACC). Kumi Rd, Unahi, fed on paddocks for the first time this summer; Kaitia, reported flying over at night on 18/7 (MH). Karikari Pen, up to 25 birds throughout the year (PA). Kawakawa, nest with 4 eggs on 24/6 (RJP). Mangakahia, up to 25 throughout the year (PA). [N] Taiharuru E, 2 on 5/11 (P&KM). [A] Woodhill Forest, Kaipara, pair with chicks on 3/7 (WL). [SA] Awhitu Pen, 3 eggs on 21/5 (HRC). Kidds, Karaka, 21 on 25/1 (BHS), 22 on 11/2 (PJA, DJA). Mataitai, 30 on 11/7 (AJG). Tapakanga, 21 on 17/5 (JLP). Plow's Rd, Moumoukai, 2 on 15/10 (S.Elwood *et al.*). Taramaire, FoT, 35 on 4/2 (BS). Miranda, 5 on 3/2; Colville H, 2 on 11/2 (BHS). Coromandel H, 7 on 13/6; Whangapoua H, c30 on 21/5 (EP). A

slow but steady increase in SA region (AJG). Stanley I, Mercury group, 1 heard at night on 16/7 (AJT, TGL, GAT). [Wk] L Ngaroto, 30 on 17/5, chasing stilts off favourite feeding sites (BHS). Taharoa B, 4 on 20-31/12 (SPC). [BP] Tauranga H: Tuapiro E, 8 on 26/5 (JRP), Matahui Pt, 62 on 17/6 (RSC). Papamoa, seen and/or heard regularly throughout the year (PCL). Kaituna Cut, 1 pair with 3 downy chicks on 24/9, 22 adults with 4 half-grown chicks on 4/11 (KLB), 8 on 3/3, 9 on 27/5 (PCL), 4 on 16/6 (GGB, LJB). Paengaroa, 8 on 3/6 (PCL). Herepuru, 2 on 4/11 (RMW). Matata, 6 on 18/1 (CFM), 7 on 2/6 (AJT). Rangitaiki R mouth, 2 on 25/3 (RMW), 2 on 26/5 (PCL). Ohope SP, 2 on 26/5 (PCL). Waioeka E, 26 on 4/11, 12 on 26/5; Waiaua E, 8 on 3/6 (WHS). Kereu R mouth, 11 on 7/2 (PCL). Whangaparaoa E, 7 on 1/1 (GAT, SLT), 3 on 7/2 (PCL). [G/W] Lottin Pt, heard calling at night on 1/1; Hicks Bay, 2 on 2/1 (GAT, SLT), 7 on 8/2 (PCL), 3 on 3/6 (AJT). Karakatuwhero R mouth, 18 on 8/2 (PCL). Tolaga Bay, 2 on 3/1; Maungawhio Lag, 28 on 4/1 (GAT, SLT), 30 on 3/6 (AJT). [Wg] Turakina E, 23 on 1/1 (PFB). [M] Whirokino, max 165 on 5/8; Manawatu E, max 55 on 5/5; Foxton No.1 L, breeding, 3 chicks on 17/9; Round Bush, nest with 2 eggs on 17/6 (JLM). Ohau E, 7 on 6/5 (GAT). [HB] Westshore Lag, 10 on 11/11, 2 on 16/6; Ahuriri E, 37 on 11/11, 7 on 16/6; South Marsh, 10 on 16/6; Waitangi E – East Clive, 4 on 11/11, 2 on 16/6 (OSNZ cen). Napier, flock of c40 early each morning in June (MPT, PWT). Hastings, flock of 45 over residential area on 15/6 (MTC). Havelock North, c50 in eastern outskirts of village throughout winter '90 (JRB). Meeanee, 103 in single field on 20/8 (MPT, PWT). Fernhill, 84 in one paddock in late Nov (JGH). Porangahau E, 2 on 11/11, 241 on 16/6 (OSNZ cen), numbers ranged from 2 to 11 on monthly surveys from 1/7 to 10/2 (CFM). [Wr] Waingawa Freezing Works, a flock of 120+ birds around settling ponds on 24/3 (JAD, TCD). [W] Hemi Matangi, Waikanae, 2 pairs with chicks near railway line on 23/8 (BAT, JL). Waikanae E, 26 on 2/1 (AJT, DHT). Pauatahanui Inlet, 41 on 1/9 (AM).

#### TURNSTONE *Arenaria interpres*

[FN] Parengarenga H, 93 on 4-5/7 (RJP), 505 from 2-4/11 (PFB, ACC). Houhora H, 19 on 3/7 (RJP). Rangaunu H, 372 on 6/11; Karikari Pen, 58 on 6/11 (PFB, ACC). [N] Port Whangarei, 2 on 17/9; Ruakaka E, 5 on 4/2; Waipu E, 6 on 15/10 (GNG), 5 on 1/11 (PFB, ACC), 30 on 19/12, 17 on 4/2 (GNG). [A] Tāpora, Kaipara H, 308 on 18/11 (GNG, P&KM). Jordan's, Kaipara H, 61 on 2/9 (AJT, PFB, CJ, PS), 69 on 15/10 (GNG). [SA] Manukau H: Kirks, 150 on 11/3 (BJB, AJG), Karaka, 20 on 25/1 (BHS). [Wk] Kawhia H, 1 on 23/7 (BHS) and 14/10 (MAB). [BP] Bowentown B, 12 on 26/11; NW end of Matakana I, c300 on 18/11 and 3/3 (BC). Kaituna Cut, 9 on 8/10, 14 on 18/10 (KLB, BDH), 25 on 4/11, 1 on 14/3 (PCL). Maketu E, 4 on 3/3 and 20 on the sandbank by the Maketu Marae (KLB, PCL, AM), 24 on 14/3, 1 on 31/3 (PCL). [G/W] Portland I, 46 on 3/3 (GAF). [M] Manawatu E, 1 on 21/10 and 11/3 (JLM, IS). [HB] South Marsh, 2 on 20/10 (CFM). East Clive, 2 on 7/10 (MPT, PWT), 4 on 9/10 (RS, TAS). [Wr] L Wairarapa, 1 seen on 10/2 (HAR).

LESSER KNOT *Calidris canutus*

[FN] Parengarenga H, 500 + on 4-5/7 (RJP, AJT, GJE, VH), 7220 on 2-4/11; Rangaunu H, 2135 on 6/11; Waimango Swamp, Karikari Pen, 60 on 6/11 (PFB, ACC). [N] Port Whangarei, 300 max on 25/2 (GNG). Waipu E, 260 on 1/11 (PFB, ACC). [A] Mangere SP, c230 on 19/9, some in coloured plumage (GAT). [SA] Miranda, c30 flying low up coast on 30/3 (BHS). [BP] NW end of Matakana I, 10 on 18/11 (BC). Kaituna Cut, 3 on 24/9, c20 on 8/10 (KLB). Maketu E, 30 on 22/10 (AM), 80 on 4/11 (PCL), 29 on 28/12 (GAT), only 5 on 31/1 most had moved to Little Waihi (PCL), 90 on 3/3 (AM). Little Waihi E, c100 on 3/1 (PCL). Ohiwa H, 1 on 20/9 (WHM), 1 flying over the harbour with 6 godwits on 30/3 (RMW). [M] Manawatu E, 3 on 16/9, 30 + on 17/9, 192 on 18/11, 250 + on 10/12, max 266 on 21/2, 250 + on 11/3, then rapid decrease to 2 on 7/5 (RG, IS, JLM). [HB] South Marsh, 2 on 3/10 (KVT) and 20/10 (MPT, PWT, ALH, ACS). Clive, 1 on 11/11 (MPT, PWT). Tukituki E, 2 on 11/11 (OSNZ cen). Porangahau E, 2 on 1/10, 4 on 4/11, 1 on 2/11 (CFM, OSNZ census). [W] Waikanae E, 3 on 3/9 and 29/10 (JL).

SANDERLING *C. alba*

[BP] Kaituna Cut, 1 on 18/10 (BDM), the same bird was on the Maketu E on 4/11 but was not seen thereafter (PCL).

CURLEW SANDPIPER *C. ferruginea*

[FN] Kokota Spit, Parengarenga H, 5 on 4/7 (RJP, AJT, GJE, VH). [SA] Kidds, Manukau H, 2 on 11/2 (PJA, DJA). Miranda, 4 including 2 in partial breeding plumage on 24/9 (GAT, PJA, DJA), 9 on 9/12, 10 on 11/1 (AJG *et al.*), 8 on 30/3 including 1 in full breeding plumage and 2-3 very coloured, 7 on 5/5 with 5 in breeding plumage (BHS), still 8 on 27/5 (AJG *et al.*). [Wg] Turakina E, 1 on 28/9, quite rare on this coast (IS). [Wr] L Wairarapa, 1 on 30/12 (BDH, HAR).

SHARP-TAILED SANDPIPER *C. acuminata*

[FN] Waimango Swamp, Karikari Pen, 10 on 6/11 (PFB, ACC). [A] Jordan's, Kaipara H, 2 on 15/10 (GNG), 14 on 7/11 (PFB, ACC). [SA] Miranda, FoT, 1 on 24/9, 9 on 27/10, 10 on 3/12, 24 on 4/1, 30 + on 9-10/1, 3 on 4/3, 4 on 30-31/3 (PJA, DJA, GAT, IS, BHS *et al.*). [BP] Kaituna Cut, 3 on 8/10, 13 on 3/3 and 14/3 (KLB, PCL). [G/W] Karakatuwhero R mouth, 1 on 8/2 (PCL). [M] Manawatu E, 1 on 17/9 and 1/10, 2 from 31/12 to 4/3, 7 on 11/3, 5 on 24/3 (RG, AJT, JLM, DS, BAT, DHT, IS). [HB] South Marsh, first sighting 2 on 20/10 (CFM), 4 on 29/10 (TAS), 2 on 7/1 (MPT, PWT). [Wr] L Wairarapa, 9 reported on 30/12 (BDH, HAR).

PECTORAL SANDPIPER *C. melanotos*

[SA] Miranda, 3 on 11/1 (Sch). [G/W] Maungawhio Lag, Mahia, 1 on 24/2 (GAF). [HB] South Marsh, 1 on 20/10 (CFM), 2 on 29/10 (TAS), 2 on 7/1 and 1 on nearby Airport Marsh on 4/3 (MPT, PWT). [Wr] L Wairarapa, 1 on 30/12 (BDH, HAR).

RED-NECKED STINT *C. ruficollis*

[FN] Kokota Spit, Parengarenga H, 9 on 4/7 (RJP, AJT, GJE, VH). Waimango Swamp, Karikari Pen, 5 on 6/11 (PFB, ACC). [N] Waipu E, 1 on 15/10 (GNG, P&KM). [A] Taporā, Kaipara H, 11 on 18/11 (GNG,



P&KM). [SA] Manukau H: Kidds, 8 on 11/2 (PJA *et al.*), Kirks, 5 on 26/11 (OSNZ cen), 1 on 11/3 (DJA, PH), Karaka, 8 on 25/1 (BHS). Miranda, FoT, 1 coloured bird on 24/9, 4 on 23/10, 1 from Dec-March but 3 on 4/1, 3 on 30/3 with one in breeding plumage, 2 on 22/4 (PJA, DJA, PH, BHS, AVS *et al.*). [BP] Kaituna Cut, 3 on 8/10, 4 on 4/11 (KLB, PCL), 4 on 14/3 (PCL). Maketu E, 6 on 19/11, 3 on 3/3 (KLB, AM). [Wg] Turakina E, 1 on 11/11 and 23/12 (IS). [M] Manawatu E, 1 on 18/11 (IS). [HB] Ahuriri E, 1 on 16/10 and at adjacent South Marsh 2 on 20/10 (ACS, AL), 2 on 3/12 (TAS) and 7/1, 1 on 25/3 (MPT, PWT). Porangahau E, 7 on 4/11, 2 on 16/6 (OSNZ cen), counts ranged from 4 on 1/7 to 10 on 1/10 and 10/2 during monthly surveys from July to Feb (CFM *et al.*).

#### EASTERN CURLEW *Numenius madagascariensis*

[FN] Parengarenga H, 2 on 4-5/7 (RJP, AJT, GJE, VH), 1 from 2-4/11 (PFB, ACC). [SA] Manukau H, 1 on 24/6 (OSNZ cen). Kidds, Karaka, 1 on 11/3 (PJA, DJA, PH), 5 on 2/4 (RJP, ER, RW). Kirks, Manukau H, 10 on 26/11 (AH *et al.*). Mataitai, 1 on 27/4 (AJG). Miranda, 1 on 20/8, 2 on 30/9, 5 on 3/1, 3 on 4/1, 4 on 9-10/1, 3/2 and 15/2 (AJG, AVS, BHS, IS *et al.*). [BP] Tuapiro E, Tauranga H, 1 on 17/4 (JRP). [M] Manawatu E, 1 on 8/10, 2 from 11/11 to 21/2, 1 present until 30/6 (JLM, IS, RAC, DS, MS *et al.*). [W] Waikanae E, 1 on 3/2 (BAT).

#### ASIATIC WHIMBREL *N. phaeopus variegatus*

[FN] Curtis I, Kermadec Is, 1 mummified corpse on 6/11 (GAT, AJT). Te Paki Stm, 1 on 25/10 (GRP). Parengarenga H, 1 on 4-5/7 (RJP), 11 from 2-4/11 (PFB, ACC). Ninety Mile B, 1 on 26/10 opposite Matapia I; Hukatere, Ninety Mile B, 2 on 26/10 (GRP). [N] Whangarei H: 15 on 15/4 (RJP), Skull Crk, 10 on 4/11 (GRP, TT), Takahiwai, 14 on 20/2 (GNG). [A] Jordan's, Kaipara H, 20 on 7/11 (PFB, ACC) and 13/1 (PJA, DJA). [Wk] Kawhia H, 1 on 18/11 (OSNZ cen). [M] Manawatu E, 1 on 16/11, still there on 11/3 (DS, MS, IS). [HB] Ahuriri E, 3 with godwits on an island on 16/10 (TAS, RS), 2 on adjacent South Marsh on 20-29/10 (CFM, TAE), still at estuary on 11/11 (OSNZ cen), confirmed as Asiatic by (PWT, JGH).

Errata: CSN, September 1989, Vol 36. "Paua, 100 on 20/9/86, 5000 on 24/10/86, 2000 on 29/11/86 (GW); c.200"; whole line is an error, see first line of Bar-tailed Godwit on P. 211.

#### AMERICAN WHIMBREL *N. phaeopus hudsonicus*

[SA] Piako, FoT, 1 on 19/7 (BAE, C.Reed, OSNZ cen). [Wk] Kawhia H, 1 on 18/11 (OSNZ cen).

#### WHIMBREL sp. *N. phaeopus*

[FN] Paua, Parengarenga H, 1 on 4/7 (NR, KB). Rangaunu H, 1 on 5/11 (PFB, ACC). [A] Jordan's, Kaipara H, 7 on 2/9 (at least 5 Asiatic) (PFB, AJT, CJ, PS). [SA] Kirks, Manukau H, 7 on 26/11, 1 on 11/3 (AJG). [BP] Matahui Pt, Tauranga H, 1 on 17/6 (RSC). Kaituna Cut, 1 on 19/11, 3/3 and 14/3 (KLB, PCL). Ohope Spit, 3 on 18/11 (WMH). [G/W] Maungawhio Lag, Mahia, 3 on 4/1 (GAT, SLT). Oraka E, Mahia, 4 on 24/2 (GAF). [M] Manawatu E, 1 from 16/11 to 25/3 (DS, RG, IS, JLM).

EASTERN BAR-TAILED GODWIT *Limosa lapponica baueri*

[FN] Kokota Spit, Parengarenga H, 433 on 4/7 (AJT, RJP, GJE, VH), 3768 from 2-4/11 (PFB, ACC). Houhora H, 15 on 3/7 (RJP). Rangaunu H, 7850 on 6/11 (PFB, ACC). [N] Taiharuru H, 197 on 5/11 (P&KM). Port Whangarei, 5000 on 25/2 (GNG). Uretiti B, Ruakaka, 2 on 11/8 (JH). Waipu E, 153 on 1/11 (PFB, ACC). [A] Omaha E, 87 on 19/7 (NR, KB). Jordan's, Kaipara H, 720 on 2/9 (PFB, CJ, PS, AJT), 7870 on 15/10 (GNG), 7520 on 7/11 (PFB, ACC). Muriwai B, 8 roosting birds on 10/12 took off and flew parallel to my motorbike, matching my speed of 70-80 km/hr for over 1 minute (GAT). Big Shoal Bay, Waitemata H, 2 on 9/7 (GAP, SM, MGa). Mangere SP, c3200 on 19/9, many in coloured plumage (GAT). [SA] Colville H, 42 on 11/2 (BHS). [BP] Tauranga H: Bowentown Shellbanks, 1000 on 3/3, 100 on 17/6; NW end Matakana I, 3000 on 18/11 (BC), Matahui Pt, 500 on 17/6 (RSC). Sulphur Pt, 2000 on 18/11 (RSC, MS), 70 on 3/3 (GGB, LJB), 1 on 17/6 (AM), Aerodrome Bay, 120 on 17/6 (GGB, LJB). Kaituna Cut, 67 all in winter plumage + 5 on sandbank on 24/9, c1000 on 8/10 (KLB), 1 on 3/3 (PCL, AM). Maketu E, 400 on 22/10 (AM), 600 on 4/11 and 19/11, 647 on 31/1 (PCL, KLB), 2 on 3/3 and 790 on sandbank (PCL, AM), 600 on 14/3 then a drop to 190 on 31/3 (PCL), 56 on 27/5 (BC). Little Waihi E, 350 on 22/10 and 500 on 4/11 (GGB, LJB), 330 on 31/1 (PCL), 80 on 31/3 (AM, JM), 85 on 27/5 (KLB). Ohope Spit, 4200 on 18/11 (WMH), 520 on 26/5 (PCL, RMW), 350 on 2/6 (AJT). Ohiwa, c3000 on 4/11, 120 on 26/5; Waiotahi E, 3 on 26/5; Waioeka E, 4 on 4/11 (WHS). [G/W] Karakatuwhero R mouth, 4 on 2/1; Maungawhio Lag, Mahia, 128 on 4/1; Mahia B, 9 on 4/1 (GAT, SLT). South end of Mahia Pen, 50 flew in to reef, fed for 2 hours then flew south on 4/10 (K.Hawkins). Wairoa R mouth, max of 217 on 10/12 (GAF), 49+ on 5/1 (GAT, SLT). [Wg] Wanganui E, 2 on 1/7 (OCT, MO'S, RS, GR), 101 on 12/2 (PFB). [M] Manawatu E, 420 on 19/12 (IS), max 461 on 30/12 (RAC), 94 on 30/3 (AKB, MMB), present all months (IS). Ohau E, 53 on 31/12 (AJT, BAT, DHT), 24 on 26/5 (GAT). [HB] Ahuriri E, 296 on 11/11 (OSNZ cen), c300 on 7/1 (MPT, PWT), 38 on 10/6 (OSNZ cen). South Marsh, 128 on 9/10, first arrivals in district (RS, TAS), c390 on 20/10 (CFM). Waitangi E, 11 on 11/11; Tukituki E, 25 on 11/11 (OSNZ cen). Porangahau E, 85 on 29/7, numbers rose to 230 on 4/11 census thereafter c185 for remaining summer months (HAR, BDH), 121 on 16/6 (OSNZ cen). [W] Waikanae E, up to 7 between 3/9 to 30/11 (JL).

ASIATIC BLACK-TAILED GODWIT *L. limosa melanuroides*

[SA] Miranda, 10 on 3/12 (FoT cen), 2 on 31/3 (PJA *et al.*).

AMERICAN BLACK-TAILED GODWIT *L. haemastica*

[A] Mangere SP, 1 on 17/9 (WL, LC), 1 in non-breeding plumage on 19/9, stayed with Pied Stilts or at back of Bar-tailed Godwit flock (GAT), 1 on 23/9 (PFB, PS). [SA] Sunset B, Port Waikato, 1 on 18/3 (PJA, DJA). [BP] Matata, 1 on 18/1 (CFM). [M] Manawatu E, 1 on 30/11, 3/12 and 11/3 (DS, MS, PFB).

BLACK-TAILED GODWIT sp. *Limosa* sp.

[A] Mangere SP, 1 on 23/9 (PFB, PS), 2 in breeding plumage on 25/4 (PH). [SA] Miranda, 1 on 9/2 (PJA, DJA).

**WANDERING TATTLER** *Tringa incana*

[FN] Parengarenga H, 1 on 4/11 (PFB, ACC).

**SIBERIAN TATTLER** *T. brevipes*

[FN] Pananehe I, Spirits Bay, 1 on 28/1 (P&KM), 1 in breeding plumage on 17/3 (AJT, AW). The Bluff, Ninety Mile Beach, 2 on 27/1 (P&KM). Kokota Spit, Parengarenga H, 2 on 4-5/7 (RJP, AJT, GJE, VH), 1 on 4/11 (PFB, ACC). [SA] Miranda, 1 on 11/1 (PJA, DJA, Sch). [BP] NW end of Matakana I, 1 on 18/11 (BC). [M] Manawatu E, 1 from 3/12 to 2/6 (RAC, JLM, PFB, RG, DS, MS, IS *et al.*).

**TATTLER** sp.

[FN] Parengarenga H, 2 on 4/11 (PFB, ACC). [A] Jordan's, Kaipara H, 1 on 7/11 (PFB, ACC).

**GREENSHANK** *T. nebularia*

[FN] Parengarenga H, 1 on 3/11 (PFB, ACC). [Wk] Aotea H, 4 on 14/3 (BLP).

**MARSH SANDPIPER** *T. stagnatilis*

[N] Jordan's, Kaipara H, 1 on 17/12 (ACR *et al.*). [SA] Miranda, 1 seen between 27/10 and 31/3 by which time it was assuming breeding plumage (PJA, DJA, PH, IS, BHS *et al.*).

**TEREK SANDPIPER** *T. terek*

[A] Jordan's, Kaipara H, 1 in non-breeding plumage on 2/9, almost certainly overwintered (AJT, PFB, CJ, PS). Mangere SP, 1 on 19/9 (GAT) and 23/9, almost certainly overwintered (PFB, CJ, PS, AJT). [SA] Miranda, 2 on 3/12 (OSNZ cen), 1 from 4/1 to 31/3 (BHS, PJA, DJA, Sch, IS, ASR *et al.*). [M] Manawatu E, 1 on 5-6/8 and 1 from 10/11 to 27/5 (RG, JLM, DS, MS, IS, AJT *et al.*).

**BROWN SKUA** *Catharacta skua lonnbergi*

[FN] Taheke Rock, Cavalli I, 1 on 10/6 (AW). [BP] Off Astrolabe Reef, 1 on 5/6; Off Motiti I, 1 on 18/7; Halfway between Mt Maunganui and Mayor I, 1 on 9/7 (JEH). [M] Foxton B, 1 flying north over beach on 23/12 (JLM). [Wr] Cape Palliser, 1 circling a fishing boat c3 km offshore in June (AGS, DMS).

**ARCTIC SKUA** *Stercorarius parasiticus*

[FN] Simmonds I, 1 light and 1 dark phase on 26/1 harrying White-fronted Terns (GRP, BW). Moturoa I, BoI, 4 seen regularly offshore in late Jan (GAT). [N] Whangarei H, 1 on 19/2, 4 other skuas seen but unidentified (PA). Tapora, Kaipara H, 2 chasing White-fronted Terns on 18/11 (P&KM). [A] South of Little Barrier I, 2 on 23/4 (ASR, TCG, PS). Whatipu B, 1 imm recently beach-wrecked on 4/7, had rusty tipped upperwing coverts and outer primary moult (GAT, AJT). [SA] Miranda, FoT, summer 1 (AJG, OSNZ cen) [Wk] Kawhia B, 1 on 14/3 (BAW). [BP] Off Mayor I, 1 on 15/11, 1 dark phase with central tail feathers beginning to show, harrying Red-billed Gulls on 10/12, 2 on 17/2, 1 on 24/2 and 26/3; Astrolabe Reef, 1 on 4/11; Off Motiti I, 1 on 30/11 between Motiti and Town Pt, 1 on 27/2, 2 on 9/4, 1 (pale phase) on 26/4, 1 harrying Red-billed Gulls on 27/4, 1 on 1/5 and the last seen for the season, again harrying gulls on 8/5;

Mount Maunganui B, 1 on 28/12, 1 dark phase on 8/1, 1 on 31/3 (JEH), 4 (both light and dark-phased) harrassing White-fronted Terns feeding just off the beach on 1/4 (JEH, BHS), 1 on 4/4, 2 on 16/4 (JEH). Papamoa B, 1 dark phase on 25/1, 1 dark + 3 pale on 20/2, 1 dark + 2 pale on 21/2, 1 dark + 1 pale on 22/2, 4 dark + 1 pale on 12/3, 2 dark + 1 pale on 21/3, all these birds were harrying White-fronted Terns (PCL). Arataki, 1 on 20/4 (AM). Ohope Spit, 2 dark + 1 pale on 31/3 (WMH). [G/W] Pukenui B, 1 dark phase offshore on 4/1. It was 1- 1.5x size of White-fronted Terns and 2/3 size of juv Black-backed Gulls it was chasing (GAT, SLT). [M] Foxton B, recorded 23/12 to 15/4, max 3 on 14/1 (JLM). [W] Wellington H, 2 small skuas, 1 light + 1 dark phase on 21/12 (AJT, AD), several chasing terns on 13/1 (P&KM), 3 on 5/3 (IS).

#### POMARINE SKUA *S. pomarinus*

[N] Whangarei H: Portland Channel, 1 on 4/11 (GRP, TT), 2 on 10/1, observed closely, several other skuas seen but unidentified (PA); 2 pale phase on 13/4, identified by size and laboured flight (AJT, GAT, TGL). Pouto, Kaipara H, 1 pale phase chasing White-fronted Terns on 24/2, identified by size and heavy jizz (AJT). [G/W] Te Araroa, 2 pale phase offshore on 2/1. These were 1.5-2x size of the White-fronted Terns they were chasing (GAT). Tolaga Bay, 1 on 15/4 harrassing 2 Black-backed Gulls about 40 km offshore (GAF). [M] Foxton B, 1 on 15/4 (JLM).

#### SKUA sp.

[HB] Westshore, Napier, 1 chasing a White-fronted Tern almost to shoreline on 17/12; East Clive, 1 harrying a White-fronted Tern on 4/12 (KVT).

#### SOUTHERN BLACK-BACKED GULL *Larus d. dominicanus*

[A] Big Shoal Bay, Waitemata H, 77 on 9/7 (GAP, SM, MGa). [Wk] Te Motu, Kawhia H, 3 nests, 1 with 3 eggs on 25/10 (BHS). Taharoa, 28 on 9/11, 6 on nests (ASR). [G/W] Karakatuwhero R mouth, 22 on 2/1; Awatere R mouth, 50-100 on 3/1 (GAT). [M] Hokio B, 100+ on 6/5 (GAT). [HB] Ahuriri E – Westshore Lag, 247 on 11/11 (including juvs) with many nesting on maimais throughout channel, c81 on 10/6; Waitangi E, 110 on 11/11, c300 on 10/6 (OSNZ cen). East Clive – Tukituki E, 10 juvs on 25/10 hovering over Little Black Shags, waiting for dropped fish (KVT), 157 on 11/11 (OSNZ cen), several hundred birds back at coast by 6/5 after nesting inland on riverbeds, 600 on 25/5 (KVT), c273 on 10/6 (OSNZ cen). Ngaruroro R, large nesting colonies at Mangatahi and upstream (MTC). Porangahau E, max c215 on 2/9, smaller numbers on other monthly survey counts (CFM), 110 on 4/11, 41 on 16/6 (OSNZ cen). [W] Kapiti I, c300 roosting at dusk on northeast boulder bank on 14/1 (AJT).

#### RED-BILLED GULL *L. novaehollandiae scopulinus*

[FN] Te Kao, c650 feeding in a paddock on 6/7 (AJT *et al.*). Black Rocks, off Moturoa I, 100+ nests were found on 3 stacks; eggs, chicks and fledglings were present in late Jan (GAT). [A] Big Shoal Bay, Waitemata H, 99 on 9/7 (GAP, SM, MGa). [SA] Gordons Rd, Awhitu Pen, c70 nests on shellbank, for first time, spring '89 (resident per AJC). Whale I, Mercury group, a large roost with 100's offshore on 18/7 (AJT, TGL, GAT). [BP]

Maketu Spit, c200 breeding pairs on 22/10 (BC), 415 adults at colony on 4/11 (PCL). Rangitaiki R mouth, c200 on 26/5, 300 on 2/6 (PCL, AJT). Waioeka E, 27 pairs nesting with Black-billed Gulls on 30/12, on eggs and chicks; Motu R mouth, c50-100 pairs nesting on 31/12, many fledged chicks present and a few adults still on nests (GAT, SLT), 40 (4 imms) on 7/2 (PCL). Taratuia Pt, 45 roosting on 1/1 (GAT). Whangaparaoa R mouth, 30 on 7/2 (PCL). [G/W] Karakatuwhero R mouth, 99 adults in colony with 42 nests including eggs and chicks + 10 empty sites on 2/1 (GAT), c20 breeding pairs and 10 imms on 8/2 (WMH, PCL). Awatere R mouth, 25-50 on 3/1 (GAT). [Wg] Whangaehu E, 1200+ on 23/6 (IS, PFB). [HB] Ahuriri E – South Napier beaches, c170 on 10/6 (OSNZ cen). Marine Parade, Napier, first big flock of c300 on 25/4 (none banded), c320 with Black-billed Gulls on 23/6 (10 colour-banded birds were recorded during winter) (MPT, PWT). Porangahau E, none on 16/6 and very few seen on monthly surveys from July to Feb (CFM).

#### BLACK-BILLED GULL *L. bulleri*

[SA] Kidds Bay, Karaka, 5 on 11/3, most seen here (PJA, DJA, PH). Miranda, FoT, c250 in group on shellbanks, perhaps setting up colony on 24/9 (GAT). FoT, summer 162, they did not breed (OSNZ cen). Coromandel H, 4 on 13/6 (JVP, AVP). [Wk] Kawhia H, 5 on 18/11 (OSNZ cen). [BP] Matahui Pt, 2 on 18/11 (PCL), 5 on 16/6 (BC). Otamarakau, 1 on 3/3 (PCL). Matata, 2 on 4/11 (RMW), 2 adults on 2/6 (AJT). Tarawera R mouth, 7 on 22/4, 15 (9 imms) on 26/5 (PCL). Edgecumbe SP, 9 on 30/3 (RMW). Waioeka E, 30 pairs nesting on 30/12, on eggs and chicks (GAT, SLT). [G/W] Mahia B, 2 on 4/1; Wairoa R, 42 on 5/1, taking scraps from people on river bank, another 55 (mainly Black-billed Gulls) at river mouth (GAT, SLT). [Wg] Turakina E, 4 on 9/7 (OCT, CCO, RS, GR), 11 on 15/2 (PFB). [M] Hokio B, 31 on 6/5; Waikawa-Ohau B, 46+ on 6/5 (GAT). [HB] Ahuriri E, 56 on 11/11 (OSNZ cen). Marine Parade, Napier, c10 on 16/4, increased to c80 by 23/6; Ellison Rd, Napier, c500 on 16/7 with large flock of Black-fronted Terns; Waitangi E, 400+ on 20/8 (MPT, PWT), 184 on 11/11 (OSNZ cen). Tukituki E, 200+ on 20/8, c250 on 30/10 at 1988 Black Bridge nesting site, c300 at breeding site on 25/11 with birds mating but site inaccessible for inspection, site deserted by 8/1 and appears birds did not nest there this season (MPT, PWT). Ahuriri – South Napier beaches, c295 on 10/6 (OSNZ cen). L Poukawa, c161 on 17/6 (CFM, JGH), a considerably larger number than usual. Apart from this area, birds are not often seen inland in HB (MTC). L Hatuma, 15 on 16/4 (CFM). Porangahau E, 13 on 4/11, 32 on 16/6 (OSNZ cen). [Wr] Henley Ponds, Masterton, 13 on 26/10 (TCD).

#### WHITE-WINGED BLACK TERN *Chlidonias leucopterus*

[N] L Rotokawau, Pouto, 4 in non-breeding plumage on 24/2 (AJT, GAP), 3 on 25/2 (P&KM). [BP] Tarawera R mouth, 1 first-year bird on 29/7 (BC), seen again on 18/8 and 27/8 but not subsequently (RMW, PCL). Thornton, 1 on 15/8, probably same bird (WMH). [HB] Southern Marsh, Westshore, 2 on 7/1, one appeared to be imm with brownish tinges on back and wings (MPT, PWT), 1 on 8/1; Tukituki E, 1 on 28/1 (TAS), 2 on 25/4 (ARG). First sightings in HB for several years (MTC).

**GULL-BILLED TERN** *Gelochelidon nilotica*

[HB] Ahuriri E, 1 on 2/9 (KVT) and 24/2 (RS, TAS), numerous sightings between 15/5 and 28/6 (PWT *et al.*). Porangahau E, 1 on 29/7 (BDH, HAR), bird remained until at least Nov (CFM, OSNZ group).

**BLACK-FRONTED TERN** *Sterna albobriata*

[BP] Little Waihi E, 1 on 27/5 (KLB). Tarawera R mouth, 6 adults and 1 first year on 22/7 (BC), 1 adult on 6/5 (AM). Rangitaiki R mouth, 21 on 26/6/89 (WMH), 1 on 25/3, 2 on 22/4 (RMW, PCL), 6 on 6/5, 14 on 13/5 (AM), 16 on 26/5 and 2/6 (PCL, AJT), 17 on 23/6 (WMH). [Wg] Turakina E, 1 juv on 15/2 (PFB). [M] Bulls SP, 1 on 22/7 (IS). Manawatu E, 1 imm on 11/1 (DS, MS) and 21/2 (IS). Ohau E, 1 on 13/6 (HAR). [HB] Marine Parade, Napier, 49 on 27/5, included 2 first years and 2 banded; Ellison Rd, Napier, 66 on 16/7 with large flock of Black-billed Gulls (MPT, PWT). A large number for HB, may be the largest number ever recorded (MTC). Clive, 1 bird remaining on 20/8; Waitangi – Tukituki E, warm South Island weather may have delayed arrival this year, none present by 21/4 (MPT, PWT), 1 on 23/4 (KVT), 14 on 10/6 (OSNZ cen). [Wr] Turanganui R, 35 hawking over paddocks adjacent to delta on 20/6 (DMS). [W] Waikanae E, 1 on 3/3 (MAF). Wellington H, 1 on 5/3 (IS). Cook Strait, 9 off Wellington H and south coast during 2 ferry crossings on 16/6 (GAT, PFB, AJT, IS).

**CASPIAN TERN** *S. caspia*

[FN] Parengarenga H, 20 on 4-5/7 (RJP). Kokota Spit, Parengarenga, 18 on 23/10 (PKM). Walker I, Rangaunu H, c70 on 6/11, nesting (PFB, ACC). Cable Bay, 8 on 6/7 (AJT, GJE, PFB). [N] Tikinui, Poutu Pen, 2 on 15/7 (TT). Kelly's Bay, Kaipara H, 39 on 25/2 (AJT). Karaka Crk, Poutu Pen, 15 on 2-3/9 (P&KM). Tinopai, Kaipara H, 6 on 6/8 (P&KM). [A] Little Barrier I, 2 offshore on 12/9 (AJT). Mangawhai Spit, pre-nesting flock of 51 on 10/8, 11 with bands (JED). Omaha E, 7 on 19/7 (NR, KB). Jordan's farm, Kaipara H, 7 on 2/9, much aerial calling and 1 pair courtship feeding with 15 cm flounder (AJT, PFB, CJ, PS), 15 on 15/10 (GNG, P&KM). Big Shoal Bay, Waitemata H, 2 on 9/7 (GAP, SM, MGa). Whatipu B, 13 on 4/7; Mangere SP, 23 on 19/9 (GAT). [SA] Karaka, Manukau H, 20 on 25/1 (BHS). Sand I, Waikato R mouth, 122 in tight flock on 8/10, breeding not confirmed (AJG). Miranda, FoT, 18 on 24/9 (GAT). Colville H, 4 on 11/2 (BHS). [Wk] L Whangape, 1 on 20/5 (SC). Aotea H, 11 on 9/6 including 1 with metal band (OSNZ cen). Ocean B, Kawhia H, 1 adult unsuccessfully begging a pair with a fish on 14/10 (BAW). Te Motu, 2 nesting pairs and no eggs on 25/10 (BHS). [BP] Tauranga H: Bowentown shellbanks, 49 on 18/11, 8 on 17/6; Tuapiro E, 2 on 17/6 (BC), Matahui Pt, 2 on 17/6 (RSC), Omokoroa Golf Course, 4 on 18/11 (KLB), 2 on 17/6 (RSC), Sulphur Pt, 10 on 18/11 (RSC, MS), 50 on 31/3 (KLB, RSC), 1 on 17/6 (AM), Aerodrome Bay, 3 on 31/1, 24 on 17/6 (GGB, LJB). Matakana I, c40 pairs nesting on edge of Southern Black-backed Gull colony of c200 pairs on 17/10 (KOW). Kaituna Cut, 4 on 27/5 (GGB, LJB). Maketu E, 2 on the spit on 22/10 (BC), 1 pair with imm on 4/11, 3 on 31/1 (PCL), 2 on 27/5 (AM). Little Waihi E, 2 on 4/11 (GGB, LJB), 1 on 31/1; Otamarakau, 2 on 27/8 (PCL), 4 on 4/11 (RMW), 1 on 3/3 (PCL). Herepuru, 2 on 4/11 (RMW).

Matata, 1 on 27/8, 2 on 6/2; Tarawera R mouth, 1 on 26/5; Rangitaiki R mouth, 2 on 22/4, 1 on 26/5; Whakatane R mouth, 1 on 26/5; Maraetotara Stm mouth, Ohope, 1 on 26/5; Ohope Spit, 2 on 26/5 (PCL). Ohiwa E, 22 on 26/5; Waiotahi E, 1 on 4/11, 2 on 26/5; Waioeka E, 1 on 4/11; Waiaua E, 2 courting on 19/9, 1 pair nesting on 4/11, 2 on 10/2 (WHS). Whangaparaoa R mouth, 1 on 9/2 (PCL). [G/W] Pukenui B, 1 on 4/1 (GAT, SLT). [Wg] Wanganui E, 3 on 9/7 (OCT, CCO, RS, GR). [M] Manawatu E, max 28 on 24/3 (JLM). Hokio B, 6 on 6/5, 10 on 26/5 (GAT). [HB] Ahuriri E, 2 on 11/11 (OSNZ cen), 14 at Pumphouse on 24/2 (RS, TAS), 27 on 25/4 feeding at high tide near top of estuary (a rather large number and unusual for so many to be so far up estuary) (PWT, MPT), 4 on 10/6 (OSNZ cen). Waitangi – Tukituki E, 8 on 20/8 (MPT, PWT), 4 on 11/11 (OSNZ cen), 7 on 28/1 (RS, TAS), 4 on 10/6 (OSNZ cen). Porangahau E, 2 to 9 birds seen on monthly counts from June to Feb, max 9 in Oct (CFM, OSNZ group), 2 on 4/11, 6 on 16/6 (OSNZ cen). [W] Waikanae E, 10 on 3/9 (JL), 19 on 15/5 (AJT).

#### WHITE-FRONTED TERN *S. striata*

[FN] Karikari Bay, 12 on 6/7 (AJT, GJE, PFB). Black Rocks, off Moturoa I, c360 chicks were present at colonies on 3 stacks in late Jan (GAT). [N] Taporā, Kaipara H, c300 on 22/7, 362 on 18/11 (P&KM, GNG). [A] Whatipu B, c1000 on 1/8 (AJT, GAT). Pararaki Rock, off Whatipu B, c50 sitting (on nests?) and 1 medium size chick on 23/12 (GAT). [SA] Gordons Rd, Awhitu Pen, c70 nests on shellbank, spring '89 (local resident per AJG). Manukau H, summer 112, winter none (OSNZ cen). Miranda, 129 on 23/9, 250 on 30/9, 155 on 16/11, they did not breed (AVS *et al.*). Tararu, Thames, appear to be breeding on rocky outcrop, also 3 outcrops north of Waiomu on 2/12 (AS). [BP] Tauranga H: Bowentown shellbanks, 8 on 18/11, the breeding colony was washed out (BC), Sulphur Pt, 55 breeding on 18/11 (RSC, MS), c120 on 26/11 (BC). Mount Maunganui B, c300+ resting on beach on 1/4 (BHS). Papamoa B, c100 on 20/2, a flock of at least 500 at roost on the beach with many more fishing offshore on 12/3, c100 on 21/3; Kaituna Cut, 50 on 14/3 (PCL). Maketu, 20 on 22/10 (AM), 5 on 31/1, 50 on 3/3 and 14/3 (PCL), 237 on 27/5 (BC). Little Waihi E, 50 on 27/5 (KLB). Otamarakau, 3 on 4/11 (RMW), 38 on 3/3; Matata – Tarawera R mouth, 100 on 6/2, 500 on 22/4, 22 on 26/5 (PCL). Rangitaiki R mouth, 30 on 4/11 (RMW), 950 on 22/4, 14 on 26/5 (PCL), 39 on 2/6 (AJT), c200 on 29/6 (WMH). Maraetotara Stm mouth, Ohope, 40 on 26/5 (PCL). Ohope Spit, 38 on 2/6 (AJT). Waiotahi E, 21 on 26/5; Waioeka E, 60 on 4/11 (WHS), c1000 pairs nesting on 30/12, on eggs and chicks (GAT, SLT). Waiaua E, 120 on 4/11 (WHS), 6 on 10/2 (PCL), 48 on 26/5, 60 on 3/6; Motu R mouth, c150 on 4/11 (WHS), 10 (2 juvs) on 7/2 (PCL). Raukokore R mouth, 30 (4 juvs) on 9/2 (WMH, PCL). Whangaparaoa R mouth, 7 (3 juvs) on 7/2 (PCL), 65 on 3/6 (AJT). [G/W] Hicks Bay, 1 on 8/2 (PCL). Karakatuwhero R mouth, c120 adults on 12/12 were behaving as though about to nest (WMH), colony of 98 nests with eggs and chicks on 2/1, c181 adults were present (GAT), c70 of which 45 were chicks or recently fledged young on 8/2 (WMH, PCL). Pukenui B, c200 roosting on 4/1, only 1 spotted juv present, rest were adults with full caps or partially white on forehead (GAT, SLT). [Wg] Turakina E, 489 on 15/2 (PFB). [M] Manawatu E, max c500

on 13/4 (JLM). [HB] Marine Parade, Napier, c15 with large flock of Red-billed and a few Black-billed Gulls on 25/4; c300 with a few gulls on 26/5 (MPT, PWT). Waitangi E, c300 on 30/8, 350 on 30/9, 600 at rivermouth on 23/10, a very large number for area (TAS), 32 on 11/11; Tukituki E, 41 on 11/11 (OSNZ cen), 35 on 28/1 (RS, TAS), 12 on 10/6 (OSNZ cen). Birds did not nest at Tukituki or Waitangi during 89/90 summer (MTC). Cape Kidnappers, c100 nesting on cliff ledges, rock tops on 11/1; Waimarama B, c150 on 11/1 (KVT). Porangahau E, 6 on 4/11, 4 on 16/6 (OSNZ cen). [W] Kapiti I, c30 roosting on stack off north coast on 14/1 (AJT). Waikanae E, c600 on 3/3 (MAF). Makara B, c500 on 7/2 (RC).

#### NEW ZEALAND FAIRY TERN *S. nereis davisae*

[N] Waipu E, 2 adults on 1/11 (PFB, ACC), 1 pair laid 2 eggs on 18/12, but lost the following day through unknown causes, re-laid an egg on 14/1, 2nd egg on 15/1, incubating 2 eggs on 4/2 and seen to chase off VOC's, eggs hatched 5/2 and 6/2 respectively, 4 birds present on 3/3 including 1 juv (GRP, RJP, TS, GNG). [A] Te Arai Stm, Pakiri, 2 on 10/8 (JED).

#### EASTERN LITTLE TERN *S. albifrons sinensis*

There appears to have been a large influx of Little Terns during 89/90 summer with record counts in some districts and sightings of birds at a number of new localities (GAT). [FN] Rangaunu H, 26 on 6/11 (PFB, ACC). [N] Whangarei H, 3 on 31/3 roosting with waders (GRP). [A] Jordan's farm, Kaipara H, 1 on 15/10 (GNG, P&KM). [SA] Manukau H: Kirks, 7 on 26/11 (OSNZ cen), Kidds Bay, 11 on 11/2, 13 on 2/4 (PJA, DJA, RJF, ERWd). Miranda, 6 on 22/10, 11 on 9/12, 8 on 4-10/1, 4 on 30/3, 7 on 11/4, 3 on 22/4 (PJA, DJA, IS, BHS *et al.*). [Wk] Kawhia H, 4 on 18/11 (OSNZ cen). [BP] Kaituna Cut – Maketu, 1 at Kaituna Cut on 18/10 (BDH), 1 on Maketu Spit on 22/10 (BC) and 1 on Maketu E on 4/11, presumably all the same bird (PCL). Ohope Spit, 1 in winter plumage on 3/3, it was in summer plumage on 31/3 (WMH, RMW). [G/W] Wairoa E, 1 on 10/12 and 18/1, first sighting in district (GAF). [M] Manawatu E, 3 on 22/10, 5 from 5/11 to 16/4 (a record count), 4 on 5/5 and 26/5, 3 on 2/6 (JLM, IS, RG, AKB, MMB, *et al.*). [HB] Ahuriri E, 1 on 5/1 (IS). Waitangi E, 1 on 11/11 (OSNZ cen). Tukituki E, 1 on 31/10 (KVT) and again on 23/4, several further sightings up to 14/5 (KVT, RS, TAS). [Wr] L Wairarapa, 2 from Nov to Feb (BDH, HAR).

#### ARCTIC TERN *S. paradisaea*

[BP] Rangitaiki R mouth, 1 with White-fronted Terns on 24/6, it was in non-breeding dress so probably a yearling (WMH).

#### EASTERN COMMON TERN *S. hirundo longipennis*

[N] L Rotokawau, Pouto Ls, 1 in non-breeding plumage on 24/2, (race longipennis) (AJT, GAP). [M] Manawatu E, 1 on 10-11/12, either this species or an Arctic Tern (JLM).



GREY TERNLET *Procelsterna cerulea albivittata*

[A] Cathedral Rocks, Mokohinau Is, 8 on 16/4 (AJT, TGL, GAT).

NEW ZEALAND PIGEON *Hemiphaga novaeseelandiae*

[N] Whangarei, 3 flew into magnolia to feed at McDonalds on 7/9 (GRP). [SA] Coromandel township, making regular trips to nikau palm for ripe seeds Nov '89 (EP). [BP] Rangiuru School, 3 flying over in evening of 14/12 (RL). Motu R bridge, 3 in bush above bridge on 7/2 (PCL). [VP] Titiraupenga Track, Pureora, 1 on 22/9 (BHS). [HB] Ball's Clearing, Puketitiri, 4 on 11/4; Waipatiki, 3 on 16/9; Blowhard Bush, 3 on 23/5 (KVT). Te Awanga, 2 flying overhead on 14/4 (BMT). Havelock North, as usual a few reports of birds here in winter 1990. Birds come down from bush at Maraetotara each winter (JRB, MTC).

ROCK PIGEON *Columba livia*

[M] Foxton No.1 L, a pair nesting in barn on 1/1, but nest and birds gone by 4/2 (JLM). [HB] Ahuriri, 16 on 10/6; Hastings, frequently seen in ploughed and harvested grainfields around town (KVT).

BARBARY DOVE *Streptopelia roseogrisea*

[A] Puketutu I, Auckland, 1 with c.120 Spotted Doves on 30/4 (HRC).

SPOTTED DOVE *S. chinensis*

[A] Onewa Domain, Takapuna, 1 on 10/12 (AJT).

SULPHUR-CRESTED COCKATOO *Cacatua galerita*

[SA] Wairamarama, flock of 60 on 12/2 (DMW). [Wk] Glen Murray, 1 flying north on 6/1 (AKT). [HB] Taradale, 2 at golf course c4 months prior to 26/9 (MTC). Havelock North, 5-6 at apiary on eastern outskirts of village for last 2.5 years (JRB), an unconfirmed report by another HN resident of having seen c11 (KVT). Probably same birds that have been seen during year near Hastings and on coast at Te Awanga (BMT *et al.*). No reports of breeding but it appears birds could be breeding in district. A report from an orchardist of 2 birds near Hastings eating apples before harvest (CFM). [Wr] A small colony starting with 2 birds several years ago has by Feb '90 increased to 6 birds (HWB). [W] A number of reports from Waikanae and Lower Hutt areas throughout year (KO). Otaihanga, Paraparaumu, 10 on 14/4 (BAT, MAF, JL), 1 on 15/5 (AJT). Stratton Rd, Normandale, 10-15 present for at least 8 years, pet shop selling chicks taken from local nests (R. Allen per AJT).

NORTH ISLAND KAKA *Nestor meridionalis septentrionalis*

[N] Aorangi, Poor Knights, 1 on 17/5 (RJP). Lady Alice I, 1 on 1/4 (GRP, TS). Urquharts Bay, 5 reported present for two weeks 3/1 (GRP). Parua Bay, birds reported throughout year feeding on totara and puriri (PA). Mair Park, Whangarei, 1 reported on 9/7; Maunu Rd, Whangarei, 1 reported feeding on puriri flowers, been in area for 2 years; Maunu, Whangarei, 2 reported eating flowers of magnolia, Indian Bee trees and cherry blossom during July; Selwyn Park, Whangarei, 1 reported on 17/7; Peach Cove,

Whangarei Heads, 1 reported feeding in puriri tree on 30/1 (GRP). Houtu Rd, Titoki, 1 found dead on 21/5 (PA). [A] Mahurangi, 1 feeding from puriri flowers on 11/4 (AJT). Titirangi, 2 on 25/7 (MG, SG). Waiaatarua, Auckland, 1 on 30/6 (ACR). [SA] Whangapoua, 1 found dead by farmer (EP). Coromandel Township, pair seen several times in citrus trees in garden. When son took photos, one flew menacingly at him each time the shutter fired. Another pair was seen at Te Kouma Bay, Coromandel (AVP). [Wk] Hautapu School, 2 feeding on fruit in early May (PJT). [VP] Titiraupenga Track, Pureora, 2 on 22/9; Pureora HQ, 5 flying over on 23/9 (BHS). [BP] Maketu, a single tired bird in private garden on 27/3 (PCL). [M] Short's Track, SW Ruahines, 1 in beech tree at start of track on 2/11, first report from South Ruahines for 15 years (RG). [Wr] Waiohine R, Tararua, a single bird seen on 8/4 (SW).

#### EASTERN ROSELLA *Platycercus eximius*

[A] Wenderholm Regional Park, Waiwera, 1 eating bases of puriri flowers on 7/3, 1 eating ripe flax seeds on 10/4 (AJT). Whatipu B, several on 1/8 and 25/4 (AJT, GAT). [BP] Waihi B, 1 flying across road on 6/8 (PCL). Tuapiro E, 2 on 11/5 (JRP). [HB] Ball's Clearing, Puketitiri, 1 on 8/12 (HAR). A local resident reported 2 birds there on 7/1, 2 birds there also from 25/11/88 to 25/12/88. Prior to 1988, 1 bird stayed at a farm bordering Kaweka SFP for about a year. Species is new to HB as far as we know (MTC). [W] Highbury, 4 on 4/6 (AKB).

#### RED-CROWNED PARAKEET *Cyanoramphus novaezelandiae*

[FN] Moturoa I, BoI, 1 seen regularly in late Jan (GAT). [N] Aorangi, Poor Knights, common feeding on mahoe buds and grass seeds on 17/5 (RJP). [A] Groper Rock, Mokohinau group, 4 on 16/4 (AJT, GAT, SAn).

#### YELLOW-CROWNED PARAKEET *C. auriceps*

[Wr] Waiohine R, Tararua SFP, 2 small flocks, one containing some juvs, seen on 8/4 (SW).

#### PARAKEET sp. *Cyanoramphus* sp.

[N] Tapuhi, edge of Russell SF, 2 reported to have visited caged red-crowned birds in July; McLeods Bay, Whangarei Heads, birds reported to regularly visit caged red-crowned birds (GRP). [VP] Pureora HQ, heard on 23/9 (BHS).

#### SHINING CUCKOO *Chrysococcyx lucidus*

[N] Onerahi, Whangarei, first bird heard on 18/9 (PA). Hatea R, Whangarei, 1 heard calling at midnight in light rain with a new moon on 3/10 (TT). [A] Pakiri B, 1 in pine forest on 29/11; Wenderholm Regional Park, Waiwera, 1 juv with prominent flank barring and white front, not responding to calls and eating insects on kowhai, including a caterpillar on 19/1, 2 silent on kowhai on 23/1, last probable sighting on 13/2 (AJT). [SA] Clevedon, first song on 16/9, full song during morning, usually heard first during afternoon (AJG). Coromandel, first song on 23/9 (EP). [Wk] Ohinewai, 1 heard on 3/10 (ASR). Glen Massey, 1 heard on 22/2 (PMB). Bridal Veil Falls, Raglan, 1 heard on 2/10. [BP] Papamoa, 1 flew into a neighbours window killing itself on 28/1 (PCL). [M] Foxton B, 1 heard on 30/11 (JLM). Otaki Forks, 1 in pine forest on 27/12 (AJT). [HB] Te Awanga,

first calls heard on 19/9 (but calling in Oct conspicuous by its absence) (BMT). Mohi Bush, Maraetotara, first call on 21/9 (HAR). Napier, 1 heard in park on 12/10 (MPT, PWT). Hastings, birds heard calling in urban areas c12/10, heard very infrequently in Hastings (KVT, MTC). [W] Nga Manu Bird Sanctuary, 2 giving full call, then 3 or 4 together giving final descending note only, on 9/1 (AJT, BAT). Kapiti I, none seen or heard on 12-16/1 (AJT).

**LONG-TAILED CUCKOO** *Eudynamys taitensis*

[N] Puketi SF, 1 on 8/2 seen and heard (PA). [M] Palmerston North, heard at 3pm on 8/11 (SEC). Levin, 1 calling in shrubbery 2-4 pm on 17/10 (MO), immature flew into window on 13/4 (WJ). [W] Kapiti I, common on 12-16/1 (AJT).

**MOREPORK** *Ninox novaeseelandiae*

[FN] Moturoa I, BoI, heard calling most nights in late Jan (GAT). [N] Onerahi, Whangarei, often heard around suburb during the year (GRP). [SA] Coromandel Township, one seen catching insects around street light at 1am on 27/10, 1/11 and 27/1 (EP). [Wk] Hamilton, present on riverbank outside DOC office on 19/10 (DJR). Rotopounamu, 1 with fledgling on 15/1 (SC). [HB] Havelock North, still present in village and at least one orchard near Hastings (MTC).

**KOOKABURRA** *Dacelo novaeguineae*

[N] Glenbervie, 2 on 18/5 in farmland near stone walls and taraire grove (RJP). [A] Omaha, 1 on 15/7 (WL). Kaukapakapa, heard on 5/11 (MGa). Te Muri, near Puhoi, 3 on 20/3 (AJT). Wenderholm, Waiwera, 1 on 19/1 (AJT, RJP) and 2/3, 2 on 19/4, 2/5 and 7/5 (AJT).

**NEW ZEALAND KINGFISHER** *Halcyon sancta vagans*

[A] Groper Rock, Mokohinau group, 1 on 16/4 (GAT, AJT, SAn). [SA] Manurewa, one caught and ate a praying mantis from lavender bush in April (PHd). [Wk] Cambridge SP, 6 on 17/5, more than usual (BHS). [G/W] Te Araroa to East Cape, abundant on 3/6 (AJT). Te Araroa to Ruatoria, very common along this road, all perched on roadside power lines in early Jan (GAT, SLT). [HB] Ahuriri E, 2 reported on 11/11 (OSNZ cen), 10 near pumphouse on 24/2 (TAS, RS), c20 within 200m of pumphouse (CFM, KVT), 22 on 10/6 (OSNZ cen). Porangahau E, 6 on 1/7 and 8 on 2/9, one bird seen to regurgitate a pellet full of crab remains (BMT). None seen during other monthly surveys from July '89 to Feb '90 (CFM).

**NORTH ISLAND RIFLEMAN** *Acanthisitta chloris granti*

[VP] Titiraupenga Track, Pureora, 4 heard on 22/9 (BHS). Kaimanawa SF, present on c20/1 in numbers (TAS). [HB] Mangleton, edge of Ruahines, 2 in red beech on 24/9 (MTC).

**SKYLARK** *Alauda arvensis*

[HB] Fernhill, 6 nests in vineyard in early Dec (JGH). Still common throughout HB, small flocks seen in winter (KVT).

**WELCOME SWALLOW** *Hirundo tahitica neoxena*

[FN] North Cape, 5 on 18/3 (AJT). [A] Groper Rock, Mokohinau group, 3 on 16/4 (GAT, AJT, SAn). Maria I, 2 on 25/11 (GAT, RJP). [Wk] Cambridge SP, 6 on 17/5, usually many more; L Ngaroto, 4 on 17/5, usually

many more (BHS). [HB] Ahuriri E, 32 on 11/11; c129 on 10/6; Westshore Lag, 9 on 11/11, 3 on 10/6; Waitangi E – East Clive, 26 on 11/11; East Clive – Tukituki E, 39 on 10/6 (OSNZ cen). Napier/Taihapa Rd, 1 south of “Gentle Annie” at high altitude on 24/2 (KVT). Common throughout HB (CFM).

#### NEW ZEALAND PIPIT *Anthus novaeseelandiae*

[A] Puhoi, several on farmland on 7/3; Mercers Bay, north of Karekare B, 3 or 4 on 8/4 (AJT). Whatipu B, c20 on 1/8 (AJT, GAT). [BP] Whangaparaoa R mouth, 1 on 11/12, 2 on 7/2 and 9/2 (WMH, PCL). [VP] Mt Tarawera, 5 in March ‘90, very tame, 1 seen cleaning up crumbs from our picnic lunch, obviously waiting for these (BHS). [G/W] Hicks Bay, 3 on 8/2 (WMH, PCL). Takaputahi, 3 on 3/6 (PCL). Portland I, 3 on 3/3 (GAF). [M] Manawatu E, 1 on 11/11 (JLM). [HB] Present in many parts of HB, especially coastal areas (CFM). Mangakuri B, 2 on sandbank, 1 foraging in sand and among stones on 13/5 (BJW).

#### RED-VENTED BULBUL *Pycnonotus cafer*

[A] Mt Eden, Auckland, 2 seen on 25/6 and photographed on 29/6 (MT, TR).

#### HEDGESPARROW *Prunella modularis*

[BP] Te Kaha, 1 in scrub in a clearing 10 km up a track leading into bush behind Te Kaha on 15/4 (RMW). [HB] Taradale, first song heard on 7/3 (MPT, PWT). Hastings, nest head high in clipped hedge in suburban garden, 3 young on 15/11. Nested in same hedge in 1988 (FET).

#### BLACKBIRD *Turdus merula*

[N] Onerahi, Whangarei, first song on 7/7 (PA). [A] Wenderholm, Waiwera, 1 eating ripe cabbage tree fruit on 20/3, 1 eating ripe flesh from Morton Bay fig fruit on 21/3; Birkenhead, Auckland, 1 often eating ripe kahikatea fruit on 27/2 to 22/3 (AJT). Albert Park, 1 singing at dusk on 22/6 (MJT). [BP] Papamoa, a cock has incorporated cockatiel calls into his own song during Oct-Dec, as a result of our having cockatiels (PCL). [HB] Hastings, 1 nested on ground c30/11 (among docks), 4 eggs but nest deserted because of disturbance by rotary hoeing (BS); in city garden, a hen ate every bit of a large ripe gooseberry and crop bulged noticeably; first full song over half an hour on 19-20/6 (KVT). [W] Eastbourne, 1 with white ruff seen throughout latter half of ‘89 (DB).

#### SONG THRUSH *T. philomelos*

[N] Onerahi, Whangarei, first song on 6/5 (PA). [A] Little Barrier I, Te Titoki flats, a few on 20-28/5; Wenderholm, Waiwera, 1 eating ripe cabbage tree fruit on 20/3; Birkenhead, Auckland, 1 often eating ripe kahikatea fruit on 18/2 to 14/3 (AJT).

#### NORTH ISLAND FERNBIRD *Bowdleria punctata vealeae*

[SA] Meremere, Island Block Rd, long established colony, birds calling on 6/8 (AJG *et al.*). L Pokorua, Awhitu Pen, reported present by Ron Walton but not heard. Awhitu Farm Park, 3 responded to tape on 13/5 (AVS). Whangapoua H, approaching Matarangi, pair seen on 4/3 (MBM). [Wk] Aotea, 1 + many heard on 22/2 (PMB). Torehapa peat dome, 2 heard on

17/6 (GK). [BP] Tuapiro E, Tauranga H, 1 on 26/5 (JRP). Matata, seen and heard on visits on 6/2 and 22/4 (PCL). Ohope Spit, 3 in pampas clumps on the sand dunes on 26/5 (PCL, RMW). [G/W] Maungawhio Lag, Oraka B, 1 on 4/1 in rushes and low shrubs by estuary (GAT, SLT). [Wg] Waiotaka Reserve, Turangi, 2 on 15/2 (DS, MS). [M] Foxton No.1 L, 1 on 1-2/1, no reply to tape calls in Dec, Feb and March (JLM). Manawatu E, established colony (DOC). Pukepuke Lag, heard and/or seen on all 3 visits (RG, IS).

#### WHITEHEAD *Mohoua albicilla*

[Wk] Rangitoto Station, 3 small groups, 1 with 3 fledged chicks on 17-18/3 (ASR). [VP] Titiraupenga Track, Pureora, 6 on 22/9; Pureora HQ, 3 on 23/9 (BHS). Kaimanawa SFP, present in numbers on c20/1 (TAS). [M] Rangiwhia Track, SE Ruahines, 40 in red beech tree near car park on 3/6; Heoepai Track, SE Ruahines, 2 flocks c10 on 17/5 (RPS). [HB] Ball's Clearing, Puketitiri, heard in most parts and a few seen on 21/4 (KVT *et al.*). Shines Falls, Tutira, 6 on 15/10 (KVT). Kuripapango Ls, abundant on 14/4 (CFM, JGH). Sunrise Hut, Central Ruahines, birds present on 28/10 (JRP).

#### GREY WARBLER *Gerygone igata*

[Wk] Pirongia, Corcoran's Rd, 11 in half an hour on 3/9 (BHS). [BP] Papamoa, 2 in garden, first for this winter on 21/5 (PCL). [HB] Waipatiki, common on 16/9 (KVT). Ball's Clearing, Puketitiri, several seen on 21/4 (OSNZ group). Ahuriri E, 1 calling in conifers beside estuary on 4/6 (MPT, PWT). Taradale, 1 in residential area bordering open country on 24/5, not seen in Taradale before during long period of residence (ARG).

#### NORTH ISLAND FANTAIL *Rhipidura fuliginosa placabilis*

[Wk] Claudelands, Hamilton, 1 with brilliant white tail in July (WIR). Pirongia, Corcoran's Rd, 3 in half an hour on 3/9 (BHS). [VP] Aratiatia Rapids, Taupo, on a cold foggy morning on 30/6, a dozen Fantails seen apparently waiting for gates to open to catch insects disturbed by rushing water (BMT).

#### NORTH ISLAND TOMTIT *Petroica macrocephala toitoi*

[N] Waipoua and Matarau SF, commonly seen in May and June (PA). Nursery Flat Rd, Glenbervie SF, 1 in June; Mawha Rd, Glenbervie SF, several heard in Sept; Old Kaiatea Rd, 1 in April; Mangahio Rd, 2 in April; Opuawhanga Wildlife Res, 1 in Aug, 2 in Dec; Mount Tiger, Waikaraka SF, 2 heard in Sept and Dec; Pukenui SF, 1 in Oct (DH), several heard and seen mainly on ridges on 25-26/1 (PA). McKenzies Limestone Res, 1 in March; Ruakaka SF, 3 seen and several heard in Nov, 2 heard in April; Tangihua Lodge, 3 heard in April (DH). [SA] Kaitarakihi Track, Coromandel, common from road to summit on 31/3 and 1/4; Waharau, ridge track south to Whakatiwai track, common on 2/9 (AJG *et al.*). [Wk] Pirongia, Corcoran's Rd, 6 in half an hour on 3/9 (BHS). [BP] Te Puke, a single cock in kiwifruit orchard shelterbelt on No.3 Rd on 21/8 (PCL). Otakiri, 1 picked up dead in pines on Military Rd by Peter McLeoth on 2/6 (RMW). [VP] Pureora HQ, 1 pair on 23/9 (BHS). [HB] Kuripapango Ls, abundant on 14/4 (JGH, CFM). Blowhard Bush, 2 males on 21/4 (KVT).

NORTH ISLAND ROBIN *P. australis longipes*

[FN] Moturoa I, BoI, 7-8 on 21/7 (2 pair and 3-4 males seen), surviving from 1984 release (GRP, NM). [Wk] Okauaka Stm, Upper Ongarue R, in full song on 23-24/9 (ASR). [VP] Pureora HQ, 1 on 23/9 (BHS). Kaimanawa SFP, 7 near confluence of Tauranga-Taupo R and Cascade Stm on 20/1 (TAS). [G/W] Urewera NP, a few heard around L Waikareiti and L Ruapane on 8-9/5 (GRP). [HB] Kuripapango Ls, at least 3 on 14/4 and also on 25/4; Blowhard Bush, 1 on 14/4 (CFM, JGH).

SILVEREYE *Zosterops lateralis*

[A] Groper Rock, Mokohinau I, 2 dead on 16/4 (AJT, GAT). Wenderholm, Waiwera, several feeding from puriri flowers from 21/3 to 27/4, 1 eating totara fruit on 30/3, several eating flesh from ripe kohekohe fruit on 18/5; Birkenhead, Auckland, several eating ripe kahikatea fruit from 18/2 to 12/4 (AJT). [SA] Coromandel, Kaitarakihi Track, flocks moving through from 0730-0930 h, few heard during afternoon on 1/4 (AJG *et al.*). [VP] Titiraupenga Track, Pureora, big flocks feeding through trees on 22/9 (BHS). [HB] Taradale, birds feeding on crab-apple throughout July-Sept. Very severe winter, birds were hungry enough to keep feeding even when observer stood by tree. Up to 13 birds present at a time (ARG). Clive, 30-40 flying from oaks on 19/6 (KVT). Havelock North, birds feeding on feijoa flower petals in spring '89, also observed feeding chicks with petals (JRB). Fernhill, 2 nests in vineyard in early Dec (JGH). [W] Karori, Wellington, some eating flesh from cherry plum fruit on 10/6 (AJT).

BELLBIRD *Anthornis melanura*

[N] Kiriapaka Bridge, 2 seen several times in Feb (DH). [A] Little Barrier I, 1 feeding from puriri flowers on 27-28/5 (AJT). [Wk] Mt Karioi, 1 in July (JMR). Oparau, heard on 4/8 (PMB). Mapara, abundant in full song, feeding on rata blooms in possum control areas (ASR). [G/W] Lottin Pt, loud morning chorus with many birds singing in flowering pohutukawas by coast on 2/1 (GAT, SLT). [HB] Kuripapango Ls, present on 14/4; Blowhard Bush, present on 14/4 (CFM, JGH).

TUI *Prosthemadera novaeseelandiae*

[FN] Moturoa I, BoI, 1 seen in late Jan, apparently uncommon (GAT). [A] Groper Rock, Mokohinau group, 1 adult and 2 juvs on 16/4, looking out of place as they foraged amongst iceplant mats near the shoreline + 1 freshly eaten bird (by Harrier?) (GAT, AJT, SAn). Little Barrier I, 1 eating *Coprosma arborea* fruit on 21/5 and 28/5, many eating mahoe fruit on 21-28/5, 1 feeding from puriri flowers on 27-28/5; Wenderholm, Waiwera, a few eating ripe kahikatea fruit on 10-27/4, a few feeding from puriri flowers on 11/4 to 8/5, 3 eating ripe kohekohe fruit on 27/4, several feeding from flame tree flowers on 7-18/5; Birkenhead, Auckland, 1 often eating ripe kahikatea fruit from 18/2 to 6/4 (AJT). [SA] Manurewa, 1 watched feeding on ripe fallen apple during April (PHd). [Wk] Mt Karioi, 1 in July (JMR). Mapara, abundant in full song feeding on rata blooms in possum control area, up to 30 to a clearing (ASR). [BP] Herepuru, 1 on 4/11 (RMW). Motu R bridge, 1 on 7/2 (PCL). [VP] Titiraupenga Track, Pureora, 2 on 22/9; Pureora HQ, 1 on 23/9 (BHS). [M] Bulls, 1 on 12/7 (well away from normal breeding area) (IS). [HB] Blowhard Bush, present on 14/4 (CFM, JGH). Havelock North, birds from Mohi Bush, Maraetotara began to arrive on c27/5 (FET).

Mohi Bush, Maraetotara, c200 birds in spring '89 (HAR). [W] Nga Manu, Waikanae, c10 on 9/1 (AJT, BAT).

**YELLOWHAMMER** *Emberiza citrinella*

[BP] Motu R mouth, 3 cocks on 7/2; Whangaparaoa R mouth, 2 on 7/2 (PCL).

**CIRL BUNTING** *E. cirrus*

[HB] Mangakuri B, 1 on 5/12 (BS).

**CHAFFINCH** *Fringilla coelebs*

[A] Grafton Gully, Auckland, 1 singing on 10/8 (MJT). Whatipu B, 13 males and 8 females in flock foraging over wet sand on 4/9 (GAT). [G/W] Te Araroa to East Cape, mixed flocks with Goldfinches and Yellowhammers of hundreds of birds on 3/6 (AJT). [HB] Taradale, 2 on 7/6 and 1 male on 27/6 in Hammond St garden, the first seen there during many years residence (ARG).

**GREENFINCH** *Carduelis chloris*

[BP] Matata, c20 feeding on boxthorn berries on 22/4 (PCL). [M] Whirokino, c500 on 10/3 (JLM). [HB] Meeanee, 100+ present with hundreds of Goldfinches on 24/1, in field covered with rotting apples. Birds return to this field every year (MPT, PWT). Hastings, city garden, 6-8 eating sunflower, apple, pear and kiwifruit seed through winter '90 (KVT).

**GOLDFINCH** *C. carduelis*

[A] Woodhill Forest, 1 eating puha seeds on 16/5 (AJT). [M] Manawatu E, c300 on 24/3 feeding on samphire (JLM). [HB] Hastings, city garden, cosmos and rosemary seeds eaten during autumn '90 (KVT).

**REDPOLL** *C. flammea*

[FN] Moturoa I, BoI, 2 singing in flight on 21/1 (GAT). [A] Whatipu B, c20 on 1/8 (AJT, GAT), 7 on 4/9 (AJT, GAT, KS). [VP] Kaimanawa SFP, present in May (TAS). [M] Otaki Forks, common in pine forest on 27/12 (AJT). [HB] Fernhill, nesting in vineyard in early Dec (JGH).

**HOUSE SPARROW** *Passer domesticus*

[A] Groper Rock, Mokohinau group, 6 on 16/4 (AJT, GAT, SAn). Wenderholm, Waiwera, 1 eating ripe totara fruit on 2/3; Birkenhead, Auckland, 1 eating ripe kahikatea fruit on 18/2 (AJT). [Wk] L Ngaroto, huge mixed flocks including Greenfinches, Goldfinches and Yellowhammers feeding among maize stubble (on weed seeds?) on 17/5 (BHS). [HB] Hastings, seen in city garden with greenfinches, cracking open sunflower seeds. Sparrows tried to take seeds from finches' bills, winter '90 (KVT).

**STARLING** *Sturnus vulgaris*

[A] Cathedral Rocks, Mokohinau Is, c15 on 16/4 (AJT), Groper Rock, Mokohinau Is, c20 on 16/4 (GAT, AJT, SAn). Lot's Wife, Little Barrier I, 1 on 20/9 (AJT, TCG). Birkenhead, Auckland, 1 eating ripe kahikatea fruit on 18/2 and 25/4 (AJT). [HB] Ahuriri E, huge flocks in conifers on 4/3 (MPT, PWT). Hastings, city garden, birds waiting from high vantage points each morning for bread and meat to appear on lawn, especially in winter (KVT).

**COMMON MYNA** *Acridotheres tristis*

[M] Bulls, 1 on 16/9, nearest birds normally Wanganui (IS). [W] Tawa, 1 from Jan '89 to June '90 (DS, MS).

**NORTH ISLAND KOKAKO** *Callaeas cinerea wilsoni*

[N] Matarau SF, 7 pairs found in survey during June-July (continuing) (RJP, PA, KBr, PM, NM). [Wk] Pirongia, Greys Rd end, 1 on 30/8 (BLP).

**NORTH ISLAND SADDLEBACK** *Philesturnus carunculatus rufusater*

[A] Little Barrier I, 1 eating mahoe fruit on 21/5 (AJT).

**AUSTRALIAN MAGPIE** *Gymnorhina tibicen*

[A] Little Barrier I, Te Titoki flat, 2 on 12-23/9, 1 on 27/5 (AJT). [BP] Whale I, 4 on 21/2 (this is an addition to status and distribution of birds of the island published in Tane Vol. 17, 1971) (RMW). Rangitaiki R mouth, a flock of 25 on 2/6 (AJT).

**ROOK** *Corvus frugilegus*

[SA] Clevedon, 1 taken to roosting in the outskirts of village, being fed by locals, 2 on 15/8; Manurewa, 1 in paddock adjoining Botanical Gardens on 26/8 (ATC). Kopuku, 1 on 24/9 (PJA, DJA). Mangatangi township, 56 feeding in paddock on 7/7 (DAL). Miranda, 42 on 30/3 (BHS).