

# CLASSIFIED SUMMARISED NOTES, SOUTH AND CHATHAM ISLANDS 1 JULY 1988 to 30 JUNE 1989

Compiled by COLIN F. J. O'DONNELL and JILLIAN A. WEST

**Contributors:** D.H.Ackerley, L.Adams, W.W.Ahlers, C. & L.Almdale, A.Anderson, A.R.Baker, M.L.Barlow, A.Barnes, J.Barnhill, B.D.Bell, M.Bellingham, E.Black, B.Boyle, A.Brett, D.Butler, W.F.Cash, L.Champness, R.Chappell, R.Colbourne, W.J.Cooper, S.Courtney, J.Cowie, M.J.Criglington, A.Crossland, J.T.Darby, A.Davis, R.A.Dear, Dept of Conservation (DOC), P.J.Dilks, M.Divers, J.Dowding, C.Eddington, S.Elkington, G.J.Eller, B.E.Elliot, L.Esler, M.R.Foord, C.A.Fry, K.C.Gager, P.Garrett, P.Garside, D.Geddes, A.Grant, G.A. & D.W.Grant, P.Grant, T.Greene, J.Hamilton, M.Harding, K.C.Harrison, D.J.Hawke, J.M.Hawkins, B.Heather, H.Heinekamp, A.G. & A.Hocken, P.J.Howden, K.Hughey, J.Jackson, A.Kennedy, D.J.Lamont, P.A.Langlands, C.S.Lauder, A.Lindores, O.J.Linscott, S.L.Lobb, V.Lowrie, J.Lyall, P.McClelland, J.Q.McKenzie, N.McLean, R.Maloney, D.S.Melville, C.M.Miskelly, M.A.Miller, B.Morgan, K.V. & J.Morrison, P.M.Muller, E.Murphy, D.Murray, G.Neal, B.Newland, Y.Noakes, B.A.North, B.O'Cain, C.F.J.O'Donnell, Otago Acclimatisation Society (OAS), D.J.Onley, F.Overmars, R.Parrish, D.Pearson, S.Petch, R.Pierce, G.D.Quayle, K.D.Quayle, C.E.Reed, N.Reedy, P.Reese, P.Riddett, C.Robertson, G.Robertson, H.Robertson, L.Ryan, P.M.Sagar, E.W.Sanderling, I.Saville, P.Schweigman, K.Scollay, B.Simpkin, D.Sims, N.Smith, R.Smith, E.B.Spurr, R.Stocker, R.R.Sutton, P.Syms, T.J.Taylor, A.J.D.Tennyson, S.J.Triggs, N.Ward, J.West, G.Wilkenson, Z.Williams, J.A.Wilson, P.Wilson, P.R.Wilson, B.York, D.York.

**Regional Recorders:** G.D.Quayle – Nelson, B.North – Marlborough, R.Stocker – West Coast, A.Crossland – Canterbury, P.Schweigman – Otago, M.L.Barlow – Southland.

**Abbreviations:** ad adult; B Beach; Crk Creek; E East; Est Estuary; FP Forest Park; grp group; Hbr Harbour; Hd Head; HQ Headquarters; ha hectare; h hours; I. Island; Is Islands; juv juvenile; km kilometres; L Lake; Lgn Lagoon; max maximum; m metres; min minimum; Mt Mount; NP National Park; Nth North; pr pair; Pen Peninsula; Pt Point; R River; Rd Road; Res Reservoir; SP Sewage Ponds; Sth South; Stm Stream; SF State Forest; V Valley; W West.

## SOUTH ISLAND BROWN KIWI *Apteryx australis australis*

Te Anau, Irishburn Hut, 1 male calling on 22/3; Moturau Hut, 1 female calling on 23/3 (VL).

## STEWART ISLAND BROWN KIWI *A. australis lawryi*

Mason Bay, 2 early May (AA); 2 on 15/3 at 1910 h and 16/3 at 1020 h. Freshwater Hut, pair dueting on 16/3 (VL).

## GREAT SPOTTED KIWI *A. haastii*

Heaphy Track, Perry Saddle, 1 on 11/1, McKay Hut, 3 on 12/1, Heaphy Hut, 1 on 13/1 (KS). Arthur's Pass, Bealey V, c.30 in July census (MH).

Hawdon V, 2 at Hawdon Hut in Mar. Upper Mingha V, 6 calling frequently from mountain beech and subalpine scrub in Mar (CFJOD). Arthur's Pass records also from Otira V, Aickens, Upper Poulter V, Minchin Stm, Penny Stm, Cox V, Upper Hurunui V, Sth Branch Hurunui R, Taramakau V, Otehake V, Arahura V, Harman R Hut (MH).

**YELLOW-EYED PENGUIN** *Megadyptes antipodes*

Nelson, Rabbit I., 1 in weak condition early May, died several days later (HH). Manuka Bay, 1 moulting on open grassy slope on 19/2 (EBS). Bank's Pen, 40 birds including 12 prs present over summer: 3 at Lucas Bay, 1 at Grasshills Bay, 1 at Dan Roger's Crk, 1 at Damon's Bay, 9 at Stony Bay, 5 at Otanerito Bay, 11 at Gough's Bay, 6 at Hickory Bay; 4 breeding ads were banded at Otago Pen (PJD). Otago Pen 180-200 prs; Catlins 120-130 prs in Oct (JTD). Rangatira I., Chathams, 1 on 7-14/7/86 (CMM).

**BLUE PENGUIN** *Eudyptula minor*

Nelson, usual widespread coastal records. Havelock to Port Ligar, odd individuals plus group of 3 on 14/4 (PAL). West Coast, common and breeding in many places including Charleston (KS), Whitehorse, Arahura (RS). Sumner, 1 on 11/10. Onawe Pen, no sign of nesting on 20/8. Outer Akaroa Hbr, 10-15 on 26/8 (PAL). Long B, c.20 nests in Dec (PS). Pilots B, Otago Pen 1 nest on 20/8 (ARB). Big South Cape I., 21 km sth, 2 on 30/11/85 (CMM).

**FIORDLAND CRESTED PENGUIN** *Eudyptes pachyrhynchus*

Kaikoura Pen, 1 moulting in Feb (PMS). Taylor's Mistake, Christchurch, 1 moulting 19/2-3/3 (PR). Tentburn, Rakaia R mouth, 1 moulting during Feb. Tupari Bay, Stewart I., 3 ad, 1 chick on 26/11/85 (CMM).

**SNARES CRESTED PENGUIN** *E. robustus*

Kaikoura Pen, 1 moulting in Feb (PMS). Big South Cape I., 24 km sth, 1 on 30/11/85 (CMM).

**SOUTHERN CRESTED GREBE** *Podiceps cristatus*

Bowscale Tarn, Molesworth Station, 2 during summer (WFC). Kaikoura lakes, numbers have now dropped to max 3-4 birds (WFC, JH), but recent records from L McCrae with 6 over summer (SC) and return of 2 birds to L Guyon (BB) which may have dispersed from Kaikoura. L Ianthe, 2 on 29/6 (CSL). L Moeraki, 1 on 2/9 (CAF, CMM). Canterbury, winter census, 147 from 53 lakes was lower than usual: 5 on Sumner grp, 7 on Pearson grp, 7 on Coleridge grp, 23 on Ashburton grp, 70 on Alexandrina grp and 24 on L Forsyth, lowland Canterbury. Summer breeding best on record with over 75 young fledging: 8 juv from 36 ad on Pearson grp, 7 juv from 15 ad on Coleridge grp, 12 juv from 46 ad on Ashburton grp, 41 juv from 91 ad on Alexandrina grp (CFJOD). L Taylor, 2 on 20/6. L Sheppard, 3+ on 20/6. L Marion, 2 on 21/6 (BB), 2 on 31/1 (MH). L Letitia, pr present throughout year, second pr present from 14/12, 2 young present from 14/12 to 15/2 then only one, 2 more young observed on 15/5, total 7 birds (MH). L Sarah, max 6 on 25/11, min 3 on 22/4. L Grasmere, 8+ on 26/11, 1 nest and 3 on 22/4 (PAL). L Pearson, 2 on 6/2 (CAF, CMM). L Catherine, 1 ad, 3 imm on 24/2. L Ida, 1 on 24/2. L Selfe, 4-6 on 27/8. L Georgina,

1 on 27/8. L Lyndon, 1 – 3 late Aug to mid June (PAL). L Forsyth, 21 on 3/8 (KCH), 2 on 20/8. L Ellesmere, 1 subadult on 20/5 (PAL). Ashburton Lakes, 23 on 23/7 (DG *et al.*). L Heron, 13 on 21/10 (KCH), 1 ad, 1 imm on 26/3. Maori Lakes, 2 on 4/11 (PG). L Clearwater, 6 on 10/6 (PJH,JW), 22 on 2/7 (LA). L Emma, 1 ad on 26/3. L Roundabout, 1 ad, 1 imm on 26/3 (CAF,CMM). L Alexandrina-MacGregor, 49-69 in July – Dec, 88 in Jan, 132 in Feb, 133 in Mar, 95 in April, 73 in May, down to 68 in June (DOC). L Benmore, 1 pr, 3 chicks on 30/12 (ARB), 1 pr, 2 chicks on 4/3 (DHA), first breeding record for this lake. L Aviemore, 1 pr, 4 chicks & 1 pr, 1 chick on 4/3 (DHA), first breeding from this lake.

**HOARY-HEADED GREBE** *P. poliocephalus*

Golden Bay, first sighting for region, Puponga Park Farm, Freeman's Pond, 1 in May (WFC *et al.*). L MacGregor, 1 from July – end Aug (DOC).

**AUSTRALIAN LITTLE GREBE** *Tachybaptus novaehollandiae*

Nelson, none recorded this year. L Rotorua, Kaikoura, 2 ad, 1 imm on 8/6/86, 2 on 28/5/88. L Rotoiti, Kaikoura, 1 imm on 28/5/88. Kaikoura lakes, 1 on 25/7 (WFC), 1 on 18/9 (BEE). St Anne's Lgn, 3 on 11/1 (AC), 1 on 22/1 (CMM).

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

Otago Hbr mouth, 6 following fishing boat on 30/4/83. Hooper's Inlet, 1 offshore on 22/6/86. Cape Saunders, Otago Pen, 1 offshore on 5/9/86 (AJDT). Foveaux Str, 40 in early May (AA).

**SHY MOLLYMAWK** *D. cauta cauta*

Kaikoura Pen, c.10 on 20/10 (PAL). Open Bay I., 2 offshore on 8/8/85, 2 on 12/8/85 (CMM). Otago Hbr mouth, 1 following fishing boat on 30/4/83. Stewart I., 1 just nth of Oban, 1 off E coast on 15/11/86 (AJDT).

**SALVIN'S MOLLYMAWK** *D. cauta salvini*

Scarborough, Bank's Pen, 1 around fishing boat on 4/4 (AC). Akaroa Heads, 2 around fishing boat on 15/1 (PAL).

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

Big South Cape I., 43 km sth, 1 on 22/9/85 (CMM).

**GIANT PETREL** *Macronectes* sp.

Rangitoto I., Cook Str, 1 offshore on 15/4 (PAL). Mangamaunu, Kaikoura, 6 close inshore on 27/12 (AC). Birdling's Flat, 1 inshore on 2/10. Tentburn, Rakaia R mouth, 2 inshore on 8/3 (PAL). Unusual Otago Hbr sightings: 2 in outer hbr on 6/12 (PS *et al.*), 1 in inner hbr on 11/5 (JM). Te Whanga Lgn, Chatham I., 1 on 22/11 (AG *et al.*).

**ANTARCTIC FULMAR** *Fulmarus glacialisoides*

Offshore from Port Adventure, Stewart I., 1 on 2/10/85. Pohowaitai I., 1 offshore on 25-26/11/85. Big South Cape I., 8 - 56 km sth, 3 on 22/9/85, 2 on 30/11/85, 1 on 22/10/86 (CMM).

**CAPE PIGEON** *Daption capense*

E D'Urville I., none seen despite fish offal being discharged on 15/4 (PAL). Cook Str, 12 on 15/1 (CAF,CMM). Kaikoura Pen, c.10 on 29/10 (PAL). Otago Hbr unusual sighting of 206 on 6/11 (PS *et al.*). Cape Saunders, Otago Pen, 1 offshore on 5/9/86 (AJDT).

**KERGUELEN PETREL** *Lugensa brevirostris*

Open Bay I., 1 offshore on 7/8/85, 100 + offshore on 8-9/8/85. Snares I., 40 km NE, 1 on 7/11/87 (CMM).

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

Snares I., 16 km nth, 1 on 22/9/85 (CMM).

**CHATHAM ISLAND PETREL** *P. axillaris*

A survey on South East I. in Jan 1989 located or confirmed 8 burrows, 2 of which held incubating pairs. In early April both chicks were well grown and healthy (JW).

**BROAD-BILLED PRION** *Pachyptila vittata*

MacRae's Flat, Central Otago, 1 skeleton on 27/8. Star Keys, Chatham I., 1 old egg in crevice on 10/2/88 (AJDT).

**FAIRY PRION** *P. turtur*

Tasman Bay, birds found exhausted inland after Feb wreck (HH). Star Keys, Chatham I., 1 old egg in crevice on 10/2/88 (AJDT).

**GREY PETREL** *Procellaria cinerea*

Pitt Str, Chathams, 1 on 15/7/86 (CMM).

**WESTLAND BLACK PETREL** *P. westlandica*

Kaikoura Pen, 2 around fishing boat 2 km offshore on 29/10 (PAL). West Coast, Razorback B, 8 on 11/3, c.1500 on 26/6 (CSL). Open Bay I., 2 offshore on 8/8/85. Big South Cape I., 40-70 km sth, 1 on 22/9/85. Snares I., 40 km nth, 5 on 25/11/85 (CMM).

**WHITE-CHINNED PETREL** *P. aequinoctialis*

Big South Cape I., 50 km sth, 2 on 7/11/87 (CMM). Pitt Str, Chatham I., 3 probably of this species on 24/1/85 (AJDT).

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

E D'Urville I., 2 attracted to fish offal on 15/4 compares with c.50 at same location in Feb 1987 (PAL).

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

Cook Str, 2 on 15/1 (CMM). Kaikoura Pen, 37 in 10 min on 20/2 (PAL).

**SOOTY SHEARWATER** *P. griseus*

Tauranga Bay, West Coast, 30 on 15/12 (KS,DJO). Seal I., 19 on 5/12 (KS). Manuka Bay, small numbers constantly flying south on 11/1 (AC). Birdling's Flat, c.120 passed north in 30 minutes on 18/4 (PAL). Otago Hbr, first record of 13 on 6/11 (PS *et al.*). Southland Coast, few grounded birds or corpses on beaches during outward migration April/May (MLB,BM). Mason Bay, Stewart I., 612 dead and dying on 10-11/5 after several days of strong westerlies (AA).

**FLUTTERING SHEARWATER** *P. gavia*

Inner Marlborough Sounds, c.100 with White-fronted Terns on 16/4. Kenepuru Sound to Rangitoto I., frequently seen, some groups 100 + birds on 14-16/4 (PAL). Lawyers Hd, Dunedin, c.120 offshore on 6/7/86 (AJDT).

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

Open Bay I., 1 offshore on 6/8/85 (CMM).

**LITTLE SHEARWATER** *P. assimilis*

Pitt Str, Chathams, 1 on 7/7/86 (CMM).

**GREY-BACKED STORM PETREL** *Garrodia nereis*

Granite Ck, Kongahu, West Coast, 1 on 3/11 (NR). Rangatira I., Chathams, 3 on 9/7/86, 1 on 10/7/86 (CMM).

**BLACK-BELLIED STORM PETREL** *Fregetta tropica*

Big South Cape I., 16-28 km sth, 2 on 30/11/85, 50 km sth, 1 on 7/11/87 (CMM).

**DIVING PETREL** *Pelecanoides urinatrix*

Ko Oreao, Chatham I., heard at night on 18 & 20/11/84 (AJDT).

**AUSTRALASIAN GANNET** *Sula bassana serrat*

Nelson, frequently seen in Tasman and Golden Bays. Farewell Spit, breeding this season reduced by high tides with wind washing out part of colony, no full count (JMH). Havelock to Rangitoto I., individual ads frequent, 14-16/4 (PAL). Tauranga Bay, West Coast, 1 on 15/12 (KS,DJO). Seal I., 16 on 6/12 (KS). Punakaiki, 1 on 3/1 (CSL). Canterbury coast, 5 sightings of 1-2 ad during Aug & Sep (PAL). Manuka Bay, 5 on 11/1. Hurunui R mouth, 1 on 9/1. Pegasus Bay, more frequently seen and in larger numbers than in previous years, eg Amberley B, 24 resting on water on 3/3; Ashley Est, 2 on 4/7, 1 juv on 7/4; Sth New Brighton, 1 on 2/12, 5 ad, 4 juv on 3/4; Scarborough, 21 ad, 5 juv on 4/4 (AC). Oreti B, nth end, equidistant (120 km) from Little Solander and Nuggets gannetries, 1 dead immature on 15/4, the first found here in 20 yrs of beach patrolling (RRS).

**BLACK SHAG** *Phalacrocorax carbo*

Nelson, frequently seen in coastal areas and in numbers less than 10 at inland sites. Motueka Est, max 215 on 30/8 (AC). West Coast, widespread. Break Crk, 1 on 23/6. Oparara Lgn, 3 on 23/6. Karamea Est, 2 on 23/6. Little Wanganui Est, 1 on 24/6. Mohikinui Est, 4 on 24/6 (CSL). Orowaiti Est, 6 on 14/12 (KS), 6 on 6/2 (CSL). Punakaiki B, 1 on 29/7. Razorback B, 2 on 29/7 (LC). Seventeen Mile Bluff, 11 on 17/12. L Ryan, 1 on 7/7, 10/11, 17/12. Cobden Lgn, 12 on 19/10, 1 on 10/11, 3 on 5/1, 1 on 4/3, 30/3, 2 on 26/4. Grey Est, 1 juv on 4/3, 2 on 26/4. Blaketown Lgn, 1 on 7/7, 19/10, 17/12, 2 on 5/1, 1 on 24/5. Cashmere Bay, 1 on 25/5. Taramakau Est, 4 on 2/7. Okarito Lgn, 2 on 29/6 (CSL). Arthur's Pass NP, records from Sudden V Stm, Hawdon V, Upper Bealey V, roost sites at L Letitia and L Kaurapataka and nesting site in Poulter Gorge below Mt White road bridge with 6 ads and 3 young on 2 nests on 15/2 (MH). Ashley Est, 13 on 25/1. Avon-Heathcote Est, winter low c.60 in July, summer max, c.220 in Feb. Travis Swamp, Christchurch, 4 on 28/6 (AC). L Ellesmere, max 233 in Feb (CFJOD). Ashburton Lakes, 43 on 23/7 (DG *et al.*). L Clearwater, 4 on 2/7 (LA), 1 on 10/6 (PJH,JW). L Alexandrina-MacGregor, max 3 in Dec. L Wainono, max 6 in Sep. Washdyke Lgn, max 11 in Nov (DOC). Te Whanga Lgn, Chatham I., 459 on 22/11 (AG *et al.*).

**PIED SHAG** *P. varius*

Nelson, Rocks Rd, efforts have been made to reduce nesting in Norfolk pines, some new nests on Haulashore and Best's I. (JMH,HH). Scott's B, West Coast, 2 on 13/1. Heaphy Est, 30 on 12/1. Kohaihai Est, 1 on 13/1 (KS).

Hurunui R mouth, 6 on 9/1. Motunau, 174 at colony on 10/1 (AC), no nesting activity on 4/6 (PAL). Ashley Est, 19 on 7/7, 18 on 13/12, 13 on 25/1, 12 on 27/2, 31 on 7/4 (AC). Kaiapoi SP, 1 on 30/5, 3 on 15/6 (KCH). Avon-Heathcote Est, present in small numbers all year, max 35 in April, min 1 in Sep. Lyttelton Hbr, 1 on 28/5, only record all year. Okain's Bay, 3 on 17/8. Akaroa Hbr, 1 on 17/8 (AC). Wainono Lgn, influx of April '88 not repeated during monthly counts (DOC). Pilot's B, Otago Pen, 1 on 11/5 was 3rd record for Otago (DJO).

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

Nelson, seen frequently in Motueka, Waimea and Nelson Ests. Waimea Est, 13 in July and 18/8, 31 on 30/8 (BB,AC,CE,JMH). Armors B, Seal I., Kaikoura, 1 on 11/10 (BEE).

**LITTLE SHAG** *P. melanoleucos*

Nelson, frequent, particularly Motueka and Waimea Ests and many inland sites. Motueka Est, 67 on 30/8 (AC). Rocks Rd, Nelson, roosting with Pied Shags in Norfolk pines and at Best's I at new Pied Shag nesting site. West Coast, widespread. Orowaiti Est, 1 on 14/12, 8 on 25/6 (DJO,KS), 2 on 6/2 (CSL). Karama Est, 10 on 23/6. Kongahu, 3 on 24/6. Little Wanganui, 3 on 24/6 (CSL). L Ryan, 11 on 7/7 including 1 juv, 8 on 4/8, 2 on 19/10, 4 on 10/11, 17/12, 3 on 5/1, 1/2, 4 on 30/3, 5 on 26/4 including a juv, 1 juv on 24/5, 8 on 22/6 (RS,PG). Cobden Lgn, 2 on 5/1, 1 on 1/2, 2 on 4/3, 30/3, 1 on 24/5. Grey Est, 1 on 4/3, 30/3. Blaketown Lgn 1 on 19/10, 2 on 4/3, 1 on 30/3. Kumara Res, 1 on 8/3 (CSL). Arahura B, 20 on 24/6 (FO). Okarito, 7 on 29/6 (CSL). Ashley Est, 19 on 25/1. Avon-Heathcote Est, winter low c.20 in Sep, summer peak, c.205 in Jan. Heathcote R roost, Christchurch, 57 on 3/12, 67 on 16/4. Lyttelton Hbr, max 68 on 14/4. Akaroa Hbr, 57 on 17/8 (AC). L Ellesmere, max 191 in Oct (CFJOD). Selwyn R oxbow, 20 at colony on 18/8, many nests occupied by 4/9, colony expanding higher into trees by 6/10 (KCH). Ashburton Lakes, 69 on 23/7 (DG *et al.*). L Clearwater, 17 on 2/7 (LA), 6 on 10/6 (PJH,JW). L Alexandrina-MacGregor, max 36 in Mar. L Wainono, max 2 in July. Washdyke Lgn, none during monthly counts (DOC). Martin's I., Otago Hbr, 74 nests on 19/11 (WWA). Otago Hbr, max of 866 on 14/5, min of 179 on 4/12 (PS *et al.*). Port Pegasus, Stewart I., 1 on 15/11/86 (AJDT).

**KING SHAG** *Leucocarbo carunculatus carunculatus*

Trio I., only 5 birds at colony on 15/4 (PAL). Duffer's Reef, 30 ad and 30 flying young on 28/9. Queen Charlotte Sound, 1 on 3/1 (CMM).

**STEWART ISLAND SHAG** *L. carunculatus chalconotus*

Otago region, 3 known breeding colonies: Maukiekie I., Nth Otago, 400 nests but decreasing; Taiaroa Hd, Otago Pen, c.100 nests; Green I., nr Waldronville, Dunedin, c.200 nests (PS). High Rock, Stewart I., 44 nests on 27/11/85 (CMM).

**CHATHAM ISLAND SHAG** *L. carunculatus onslowi*

Pt Munning, 2 on 2/7/86 (CMM). Te Whanga Lgn, 184 on 22/11 (AG *et al.*). Star Keys, several dozen birds appeared to have finished nesting on 10/2/88 (AJDT).

**SPOTTED SHAG** *Stictocarbo punctatus punctatus*

Tasman Bay, again 2000-3000 during winter. Smaller numbers in Golden Bay. Havelock to Port Ligar, individuals and small flocks <10, several in full breeding plumage on 14-16/4 (PAL). Wairau Bar, Blenheim, 250-500 seen (BAN). Kaikoura Pen, 410 flying nth on 7/8 (PAL). West Coast, many nesting Perpendicular Pt on 11/12. Woodpecker Bay, 10 on 4/2. Charleston Rd, 1 on 13/2 (KS). Punakaiki B, 4 on 29/7 (LC). Punakaiki Blowholes, c.30 on 3/1 (CSL). Seventeen Mile Bluff, 11 on 17/12 (RS,PG). Twelve Mile Bluff, 147 on 17/12. Grey Est, 7 on 7/7, 5 on 22/6 (CSL). Ashley Est, large group of imms resting on beach on 4/2 (KCH,SP), 49 on 7/4 (AC), 5 on 22/6 (KCH). Waimakariri R mouth, 130 on 27/2 (AC), 200+ on 27/4 (KCH,SP). L Ellesmere, 6 on 1/2 (CFJOD). Common breeder in coastal Otago. Large flocks of mainly young birds feeding communally in Otago Hbr: c.600 nr Portsmouth Drive on 11/12, c.2000 on 17/12 off Broad Bay (EWS).

**BLUE SHAG** *S. punctatus steadi*

Inner Rugged I., 8 prs on nests on 30/11/85 (CMM).

**PITT ISLAND SHAG** *S. punctatus featherstoni*

Pt Munning, Chatham I., 50 on 2/7/86 (CMM). Te Whanga Lgn, 19 on 22/11 (AG *et al.*). Cascade Gorge, Chatham I., a few flying past on 9/1/85. Star Keys, Chatham I., several ads and a few large chicks on 10/2/88 (AJDT). Southern Coast, Chatham I., 40 seen during summer (AG *et al.*).

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

Kaikoura, max 20 (BEE). West Coast, locally common, particularly Westport, breeding. Oparara Lgn, 1 on 23/6. Karamea, 25 on 24/6. Little Wanganui, 25 on 24/6 (CSL). Orowaiti Est, 10 on 25/6. Okari, 2 on 2/7 (KS). L Ryan, 1 on 20/10, 2 on 4/3, 3 on 24/5, 5 on 22/6. Cobden Lgn, 1 on 4/8, 17/12, 2 on 4/3. Grey Est, 1 on 20/7, 17/12, 30/3. Greymouth, Dixon Park, 7 on 7/8, 4 on 30/1; Winnie St, 1 on 1/8, 6 on 17/8. Molloy Crk, 11 on 25/5. Cashmere Bay, 2 on 25/5. Rotomanu, 1 on 19/4 (CSL). Arahura V, 2 on 20/5 (FO). Okarito, 7 on 29/6 (CSL). Motunau R mouth, 1 on 10/1. Lyttelton Hbr, max 57 on 18/8. Port Levy, 6 on 10/11. Okain's Bay, 9 on 17/8. Akaroa Hbr, 80 on 11/11 (AC). South Coast, Chatham I., 4 seen feeding in rock pools during summer (AG *et al.*).

**WHITE HERON** *Egretta alba*

Nelson, appear to be declining, Golden and Tasman Bay max 3 in June census. Rabbit I., 1 on 10/3 (IS). Taylor R, Blenheim, 1 in June, also present previous years. Wairau Lgn, 2 on 26/6 (WFC). L Rotorua, Kaikoura, 1 on 18/9 (BEE). L Rotoiti, Kaikoura, 1 on 28/5/88 (CMM). West Coast, Orowaiti Est, 2 on 15/3, 1 on 25/6 (KS). Little Wanganui, 1 on 6/2, 24/6 (CSL). Okari, 1 on 25/6 (KS). L Ryan, 1 on 4/8, 4/3, 30/3, 26/4, 22/6. Cobden Lgn, 1 on 7/7, 19/10. Kotuku, 1 on 25/5. Okarito, 1 on 29/6 (CSL). Okarito breeding colony, 60-70 ads built 42 nests and reared 36 chicks (DOC). Amuri Salmon Farm, Rotheram, 1 from 9/2 – 5/5/87, learnt to take fingerlings from tanks while on the wing (JC). Ashley Est, 1 on 30/9, 15/6, 22/6 (KCH). Travis Swamp, Christchurch, 1 during June (AC). Avon-Heathcote Est, 1 during autumn and winter (AC,KCH,SP). Okain's Bay, 1 on 11/3 (PR).

L Forsyth, 1 on 10/9 (KCH). L Ellesmere, many reports Mar – July, groups of up to 6 from Kaituna and L2 R mouth (AC, KCH, PR, SP), max 10 in May (CFJOD). Selwyn R, nr L Ellesmere, 3 roosting in trees at night on 16/9 (KCH, SP). Duvauchelles Bay, 1 in breeding plumage on 7/11 (CMM). L Alexandrina, 1 in Feb. Washdyke Lgn, 1 in July. Wainono Lgn, 1 in July, Sep, Nov (DOC). Single sightings through winter in coastal Otago. Hawkesbury Lgn, 2 on 26/2 (SRR); West Taieri, 1 in April (DJO). Thornbury, Southland, 1 in mid April (OJL). Invercargill Est, 2 on 6/10 (MJC), 1 on 27/3 and 4/6 (MLB).

#### LITTLE EGRET *Egretta garzetta*

Nelson, occasionally seen on estuaries in winter. Waimea Est, 1 on 18/9 (GDQ). Orowaiti Est, 1 on 15/3 (KS). Grey Est, 1 on 30/3 (CSL). Waikuku, 1 in paddock with White Heron and Cattle Egrets on 15/6. Ashley Est, 1 on 22/6 (KCH, SP, PR). L Ellesmere, 1 on 1/7/87 (CMM). L Waiholā, 2 on nth shore on 7/3 were still present on 18/5 (DJO).

#### REEF HERON *E. sacra*

Nelson, sparse around coast. Usual records of solitary birds, Pohara B, Motueka Est, Nelson Hbr throughout year. Port Ligar, Marlborough Sounds, 1 on 15/4. Oaro, Kaikoura, 1 on 6/8. 20 km nth of Kaikoura, 1 on 19/3 (PAL). Becoming very scarce around Kaikoura Pen, several present in 1985 but only 1 or 2 birds 1987-89. More frequently seen this year: Armers B, 1 on 29/11, 10/5, 3/6; E Head, 1 on 26/4, 10/5; Mikonui, 1 or 2 on 25/11, 1 on 7/1 (BEE). Clarence R mouth, 1 on 30/4 (CMM). Open Bay I., 1 on 26/3/88, 1 on 31/8 (CMM). Uncommon in coastal Otago. Shag Pt, 1 on 20/5 (RCS) and 28/7. Sandfly Bay, Otago Pen, 1 on 17/12 (JAW); Harrington Pt, Otago Pen, 1 on 21/5 (LP). Catlins, Nuggets, 1 on 16/5 (SRR); Papatowai, 1 on 12/3 (RAD).

#### CATTLE EGRET *Bubulcus ibis*

Nelson, first records for year in May. Takaka, max 23 in Aug. Tasman Bay, max 23 in Aug. Wairau R, above Bartlett's Crk, 1 from 4/9 – 22/10. Grovetown, 33 most showing breeding plumage on 23/10, 27 on 4/6 (WFC). Kowhai R, Kaikoura, 6 on 8/6/86 (CMM). West Coast, Orowaiti Reserve, 8 on 25/6 (KS). Wainihinihi, 3 on 1/5. Arahura V, 2 on 23/4, 1 on 20/5, 2 on 25/6 (FO). Kokatahi, 16 on 3/6 (CSL). Waikuku, 5 on 9/8, 26/8, 3 on 13/5, 8 on 15/6, 5 on 22/6 (KCH). Travis Swamp, Christchurch, max 6 in May, 3 in June (AC). Ellesmere area, flocks scattered around western shore: Drain Rd, 42 July to early Sep, 38 on 16/9 many with signs of breeding plumage, 16 on 2/10, 7 on 11/10, 9 on 1/3, 8 on 22/3, 9 on 4/4, 14 on 20/4, 22 on 7/5, 31 with pigs on 24/6; Coe's Ford, 5 on 18/8, 7 on 7/9, 9 on 12/9, 10 on 23/9; Selwyn R, 9 roosting at night in trees on 16/9; Collett's Rd, 28 roosting in trees at sunset on 23/9; Pannett's Rd, 9 on 12/9, 28 on 23/9; Springs Rd, 13 on 11/10; Wolf's Rd, 13 on 14/10 (KCH, SP). Otago, first July sighting nr Henley, West Taieri, 1 on 11/7 (AW); increase to 12 on 29/7 (GA & DWG). National count on 28/8 gave very low total of 11 for Otago (PS). First sighting for '89: Berwick, 4 on 6/3 (PS). Latest sighting of 16 on 12/5 (GA & DWG). Southland total 127 in August (MLB). Mataura R, 5 km nth of Gore, 2 flying south on 15/12 (JQMcK). Otaitai Bush, near Thornbury, 20 on 4/5: 19 were all white, 1 with buff head, neck

and filoplumes (MLB). Thornbury, 43 in 3 flocks on 5/6 (OJL). Wyndham, 1 on 26/6, 14 on 28/6, 26 on 30/6 (BM). Gorge Rd, 4 on 9/1 (SLL). L Huro, Chatham I., 7 on 17/7/86 (CMM). The Bluff, Pitt I., 7 on 13/7/86 (RC).

#### AUSTRALASIAN BITTERN *Botaurus stellaris*

Nelson, rarely seen. Westhaven, Rakopi wetland, 3 on 14/11. Riwaka R mouth, 1 on 25/11 (AC). L Ryan, West Coast, heard on 3/8 (CSL). Ashley Est, 1 on 17/8 (KCH,SP,PR). L Heron, 1 on 26/3 (CAF,CMM). Maori Lakes, 1 seen on 16/11, others booming (PG). Hoffman's Dam, Naseby, 1 unusual sighting on 4/10 (JAW). Oreti B gravel ponds, 1 on 22/1, 25/2, 12/3 (RAD).

#### GLOSSY IBIS *Plegadis falcinellus*

L Ellesmere, 3 on 9/8 (KCH,PR), 2 on 16/10 (CFJOD). Wainono Lgn, 2 in Sep (DOC). Duffy Lane, Maniototo, 1 on 12/12 and 28/1 (OAC). L Waipori, 3 first seen in paddocks on nth shore on 11/3 (DJO), still present end of June. Titri, West Taieri, 1 from 12/8 to 20/8 alongside SH 1 (PS).

#### ROYAL SPOONBILL *Platalea regia*

Nelson, regular visitor in winter. Farewell Spit, 31 in May. Tasman Bay, also 31 in May. Vernon Lgn, 13 nests, 8 with eggs or chicks on 12/2/88 (WFC,CMM). Wairau Lgn, 52 with some incubating on 9/12, 66 on 9/1, at least 10 nesting; max 17-22 nests on 3 islands this season. No birds seen on 5/4 (WFC). West Coast, Oparara, 2 on 23/6 (CSL). Orowaiti Est, 3 on 20/3 (KS). Okarito breeding colony, 18 ads built 6 nests and reared 6 chicks; first successful breeding for some years (DOC). Ashley Est, 2 on 27/4. Kaiapoi SP, 1 on 26/8, 2 on 18/3 (KCH,SP). Bromley SP, 16 through July, 14 through Aug, falling to 4 in Sep (AC), 11 on 24/9 (KCH), 3 on 22/10, 9 on 23/10, absent late Nov to early Dec, 2 on 14/12, 4 on 28/12, 3 on 3/1, 14 through Jan & Feb, 8 by 16/2, 11 on 8/3, 22 on 26/3 (AC), 28 on 2/4, (KCH), 28 on 4/4, 35 on 25/4, 32 on 23/5, 26 on 30/6 (AC). L Ellesmere, Kaituna, 7 on 6/10, 19/10 (KCH,SP), 13 on 9/11 (BEE), 5 in Feb (CFJOD), 3 on 14/3, 2 on 7/5 (KCH,SP); Halswell R mouth, 1 on 12/2 (CMM). Wainono Lgn, 2 in April (DOC). Maukiekie I., breeding colony with c.30 nests (PS); total population of 49 on 9/2 (TDM). Post-breeding dispersal to coast with max numbers Bow Alley, 1 on 4/2; All Day Bay, 4 on 4/2 (AG & AH); Hawkesbury Lgn, 27 on 4/2 (MAM) and 6/2; Karitane, 8 on 6/2 (DY). New breeding colony at Green I., 2.5 km off coast of Dunedin, max 9 ad, 4 chicks on 6/2 (AW). L Waiholo, 7 on 13/2 down to 1 on 26/4 (DJO).

#### MUTE SWAN *Cygnus olor*

St Anne's Lgn, 3 on 20/3 (AC). Waipara R mouth, 2 on 26/8 (KC). Amberley B, 2 on 3/3. Ashley Est, 1 on 7/4 (AC). Waikuku, 2 on 16/8, 3 on 17/8, pr with 8 cygnets on 28/12, 2 on 18/3, 3 on 27/4 (KCH,SP), 1 on 7/4 (AC). Kaiapoi SP, 1 on 30/5, 15/6 (KCH,SP). Bromley SP, 2-3 usually present (AC,KCH,PAL,SP). Ashby's Pit, Christchurch, 1 on 27/11, 20/12, 19/1 (KCH,SP). L Ellesmere, numerous reports throughout year, numbers still declining with 14 in July, 19 in Oct, 5 in Feb, 8 in May (CFJOD). Cooper's Lgn, 4 on 7/9, 7 on 23/9, 11 on 20/1, 5 on 27/3 (AC,KCH,SP), 12 on 25/6 (PMS *et al.*).

**BLACK SWAN** *C. atratus*

West Coast, common on lakes and ponds. L Letitia, pr present most months of the year (MH). Ashley Est, 3 on 22/6 (KCH). Bromley SP, max 974 on 21/8. Akaroa Hbr, 166 on 17/8 (AC). L Ellesmere, numbers have declined slightly with 6058 in July, 6294 in Oct, 5717 in Feb, 9834 in May (CFJOD). Ashburton Lakes, 858 on 23/7 (DG *et al.*). L Heron, c.200 on 2/12 (PG). L Clearwater, 66 on 2/7 (LA), 36 on 10/6 (PJH,JW). L Alexandrina, numbers range from 101 in Aug to 395 in May. Wainono Lgn, max 815 in July. Washdyke Lgn, max 74 in July (DOC). Te Whanga Lgn, Chatham I., 3439 on 22/11 (AG *et al.*). Awatapu Slump, Chatham I., pr with 3 cygnets on 29/11/84. Cascade Gorge, Chatham I., 1 on 11/1/85 (AJDT).

**CANADA GOOSE** *Branta canadensis*

L Elterwater, consistently 30 in winter (TJT). Lyall Crk, Kaikoura, 2 + 1 hybrid with domestic goose on 1/11 (BEE). L Poerua, West Coast, 32 on 22/8 (CSL). Conway R mouth, 19 on 23/1, 1 with L Ellesmere neck collar (BEE). Hurunui R mouth, 12 on 9/1 (AC). Arthur's Pass NP, common in large open valleys east of main divide (MH). Bromley SP, max 2774 on 3/7, shooting pressure is keeping numbers much lower than in the past. Travis Swamp, Christchurch, 42 on 2/3. Akaroa Hbr, 172 on 17/8 (AC). L Grasmere, 89 on 2/7 (LA). L Ellesmere, typical spring low of 384 in Oct, lower winter numbers than usual with 4738 in July, 8907 in Feb, 7282 in May (CFJOD). Ashburton Lakes, 594 on 23/7 (DG *et al.*). L Clearwater, 124 on 10/6 (PJH,JW). L Alexandrina, max 548 in Aug but <100 for most of year. Washdyke Lgn, max 213 in July. Wainono Lgn, max 301 in July (DOC). Coastal Otago, uncommon: Kakanui Est, 11 on 2/10 (AG & AH); Tomahawk Lgn, Dunedin, 1 on 19/11; Inch Clutha, 2 on 19/11 (KCG). Fortrose Est, 70 on 17/6 (SLL). Glory, Pitt I., 3 on 10/7/86 (RC).

**CAPE BARREN GOOSE** *Cereopsis novaehollandiae*

St Anne's Lgn, 2 on 5/2/88 (CMM), 21/11 (BEE) were liberated birds.

**CHESTNUT-BREASTED SHELDUCK** *Tadorna tadornoides*

Golden Bay, Puponga Park Farm, Freeman's Pond, 2 in Feb (JJ). L Elterwater, 1 pr on 6/2/88 (CMM), 3 on 18/12 (DSM), 1 on 24/12 (TJT). Hawkesbury Lgn, Dunedin, 4 in breeding plumage on 4/2 (MAM). Inch Clutha, 1 male in eclipse plumage on 19/11 (KCG, DJO). Redcliff Wetland Reserve, 1 female on 15/1 (OSNZ party). Waimatuku Lgn, 1 pr on 10/12 (NS).

**PARADISE SHELDUCK** *T. variegata*

West Coast, common and breeding in and near developed areas, occasional in bush country rivers. Razorback B, 2 on 29/7 (LC). Totara Flat, 200–250 on 17/3 (CSL). Canterbury, many traditional moulting ponds were dry because of drought, birds were concentrated in larger numbers on fewer sites (AC). Whalesback Pond, inland Kaikoura Rd, 90 moulting on 2/3 (JC). St Anne's Lgn, 192 on 20/3. Bromley SP, highest ever count, 1517 on 29/1 (AC). L Ellesmere, max numbers occur in autumn with 361 on 25/5 (CFJOD). L Forsyth, many hundreds on 17/1 (KCH). Ashburton Lakes, 163 on 23/7 (DG *et al.*). Washdyke Lgn, max 12 in July. Wainono Lgn,

max 96 in Nov (DOC). Eglinton V, numbers well down compared with previous years. No juvs seen 9-12/1 (RAD). Redcliff Wetland Reserve, c.130 on 15/1, fewer than usual. Most in flightless moult (OSNZ party).

**MALLARD** *Anas platyrhynchos*

West Coast common. St Anne's Lgn, 884 on 20/3. Bromley SP, max 5603 on 16/12 (AC). L Ellesmere, max 9128 on May census (CFJOD). Ashburton Lakes, 126 on 23/7 (DG *et al.*). L Clearwater, 38 on 10/6 (PJH,JW). Wainono Lgn, max 1082 in July. Washdyke Lgn, max 1863 in Sep, 1760 in Nov. L Alexandrina-MacGregor, max 419 in Feb (DOC). Te Whanga Lgn, Chatham I., 93 on 22/11, still less numerous than Grey Ducks (AG *et al.*).

**GREY DUCK** *A. superciliosa*

West Coast common. Ashburton Lakes, 6 on 23/7 (DG *et al.*). Arthur's Pass, records from Upper Bealey V, L Misery, Nigger Stm Tarns with 32 on 13/4 (MH). Te Whanga Lgn, Chatham I., 170 on 22/11, Southern Chatham I., 13 in slow-flowing, scrub-enclosed streams during summer (AG *et al.*).

**GREY TEAL** *A. gibberifrons*

L Rotoroa, Kaikoura, 6 on 28/5/88 (CMM). West Coast, Orowaiti, 5 on 25/6 (KS). Cashmere Bay, 2 on 25/5 (CSL). St Anne's Lgn, 28 on 20/3. Bromley SP, max 1085 on 28/3. L Ellesmere, none after duck shooting in July, 408 in Oct, c.2590 at Kaituna Lgn on 2/1, 3640 on 2/2 (CFJOD), c.4800 at Greenpark on 7/3 (AC), 7249 on 25/5 (CFJOD). Ashburton Lakes, 23 on 23/7 (DG *et al.*). L Clearwater, 35 on 2/7 (LA), 3 on 10/3 (PJH,JW). L Alexandrina, max 28 in April. Washdyke Lgn, max 115 in Nov. Wainono Lgn, max 845 in Nov (DOC). Oreti B gravel pits, 3 on 28/1. Waimataku Lgn, 3 on 4/2 (RAD).

**NEW ZEALAND SHOVELER** *A. rhynchotis*

Motueka Est, 7 on 30/8 (AC). Bell's I. SP, c.100 on 18/8, 6 on 15/11 (CE,JMH,HH,GDQ). L Rotoroa, Kaikoura, 11 on 28/5/88 (CMM). West Coast, common. Horseshoe L, Nth Canterbury, 14 on 17/5. St Anne's Lgn, 24 on 24/7, 154 on 20/3 (AC). Bromley SP, max 4434 on 25/4 (AC,PAL). Lyttelton Hbr, rarely seen, 4 on 18/12 (AC). L Ellesmere, max 1151 in May (CFJOD). Ashburton Lakes, 3 on 23/7 (DG *et al.*). L Emma, 25 on 26/3 (CAF,CMM). L Alexandrina-MacGregor, max 31 in May. Wainono Lgn, max 640 in Nov. Washdyke Lgn, max 172 in July (DOC).

**BLUE DUCK** *Hymenolaimus malacorhynchos*

West Coast, locally common in bush country rivers. Upper Karamea R, 5 on 2/4/88 (CAF,CMM). Present Jervois Stm, Wairau R; Ada R, Upper Hope R in Lewis Pass area (BB). Arthur's Pass: Bealey V, 1 on 5/9 (BEE), records from Taipo V, Upper Taramakau R, Kelly's Crk, Deception R, Otehake R, Upper Hurunui R, White R, Upper Waimakariri R, Anti Crow R, Crow R, Upper Otira R, Mingha R, Edwards R, E Edwards R, Hawdon R, Upper Poulter R, Minchin Stm, Thompson Stm (MH). Te Moana Gorge, Sth Canterbury, 1 on 1/10 (KCH). Catlins R, several prs in spring (DOC).

NEW ZEALAND SCAUP *Aythya novaeseelandiae*

Kaikoura lakes, c.97 on 2/7, 31 on 18/9 (BEE). West Coast, Molloy Crk, Aratika, 2 on 1/11. L Brunner, Iveagh Bay, 20 on 22/8. L Karoro, 8 on 26/4. L Ianthe, 33 on 29/6 (CSL). L Moeraki, 2 on 2/9 (CAF,CMM). L Daniells, 14 on 26/3 (CFJOD). Canterbury, winter count of 53 lakes lower than usual with 2878 birds: 52 in Nth Canterbury, 110 on Sumner grp, 166 on Pearson grp, 106 on Coleridge grp, 1182 on Ashburton grp, 1134 on Alexandrina grp, 128 in coastal Canterbury (CFJOD *et al.*). Horseshoe L, Nth Canterbury, 1 on 28/8, 4 on 16/11 (AC), 2 on 25/3 (CFJOD), 10 on 17/5 (AC). L Paget, 10 on 30/12. Loch Katrine, 10 on 10/1 (BB). St Anne's Lgn, 82 on 24/7 (AC), 17 ad, 3 ducklings on 22/1 (CMM), 62 on 20/3 (AC). Nigger V Tarns, 2 on 13/4 (MH). L Pearson, 85 on 4/9 (BEE), 118 on 11/9. L Sarah, c.60 on 26/1. L Grasmere, c.70 on 22/4. L Selfe, 25 on 27/8 (PAL). Kaiapoi SP, 4 on 22/6. Ashby's Pit, Christchurch, 32 on 15/8, 4 on 3/9, 16 on 20/9, 13 on 15/6, 38 on 22/6 (AC,KCH,SP). Bromley SP, present autumn and winter, numbers increasing each year, max 241 on 30/6 (AC). Halswell shingle pits, Christchurch, 1 on 6/3, first record for this site (PAL). L Heron, Scaup still with downy young on 16/2 (PG), 160 on 26/3 (CAF,CMM). L Clearwater, 186 on 10/6 (PJH,JW). L Alexandrina-MacGregor, 1134 in July, 1107 in Aug, 793 in Sep, 672 in Oct, 572 in Nov, 607 in Dec, 941 in Jan, 934 in Feb, 218 in Mar, 120 in April, 714 in May, 1381 in June (DOC). L Waiholo, 1 on 24/2 was first record (DJO). L Wanaka, 98 on 1/10 (BEE).

AUSTRALASIAN HARRIER *Circus approximans*

West Coast, well distributed over farmland, swamp and scrub. Razorback B, 2 on 29/7 (LC). Arthur's Pass NP, common in open country E of main divide (MH). Bromley SP, max 10 during autumn (AC,PAL). L Ellesmere, max 44 in May (CFJOD). Wainono Lgn, max 4 on monthly counts (DOC). Te Whanga Lgn, Chatham I., 12 on 22/11. Southern Chatham I., 20 seen over 12 500 ha during summer (AG *et al.*).

NEW ZEALAND FALCON *Falco novaeseelandiae*

Nelson, not common but single records from many localities. Marsden V, 1 in June (HH). Ure Gorge, Marlborough, 1 on 13/2/88 (CMM). Upper Wairau R, Dip Flat, 2 on 18/1. Mt Richmond, mid Goulter hut, 1 ad, 2 juv on 13/3 (WFC). Flaxbourne R, 1 pr nested summer 88/89 (TJT). Armors B, Kaikoura, 1 on 6/6 was second sighting for peninsula, last seen 25/12/82 (BEE). West Coast, Tangent Crk, Little Wanganui, 1 juv on 3/4/88 (CAF,CMM). Woodpecker Bay, 1 on 9/4 (KS). Mt Albert, 2 on 26/1 (RS,PG). Kirwin's Track, 1 on 12/1 (FO). Tobin Range, 1 on 1/1 (RS,PG). Waiuta, 1 on 13/5. Nemonia Forest, 1 ad, 1 juv on 1/10 (FO). Campbell Range, 1 on 24/12 (RS,PG). Widespread records of single birds in Nth Canterbury/inland Marlborough: Clarence R, Molesworth, Nina R, Doubtful R, Hurunui R, L Mason, Hanmer, Grantham (BB). Waiau Gorge, 1 on 2/1 (AC). Mt Karetu, 1 imm on 12/2 (PW). Arthur's Pass NP, records from Taramakau V between Otira R and Harper Pass, Waimakariri V between Waimakariri Falls and Mt Horrible, Nigger Stm Gorge, Hawden V, Poulter V, E Poulter at McAther Gorge preying on Canada Goose, Bealey V, from Klondyke Corner to Arthur's Pass Summit, Deception V, nr Doreen Crk,

Crow V, nr Crow Hut, Walker Pass, Tarn Col (MH). L Lyndon, 1 ad, 1 imm on 22/4 (PAL). Hickory Bay, Bank's Pen, 1 in Mar (PJD), one of the few recent records from the Pen. Lindis Pass, 1 on 15/8/85 (CMM). Botanic Gardens, Dunedin, 1 on 14/1 (ARB). Mosgiel, 1 on 14/1 (PS). Taieri B Rd, 1 juv on gravel pile on 24/3 (KCG) and 13/5 (DJO). L Mahinerangi, 2 on 27/3 (AW). Upper Nevis V, 1 pr on 20/1 (MRF). Rob Roy Glacier track, Matukituki V, 1 on 13/5 (SRR). Wanaka, 1 at lake edge in township, late May pursuing a passerine (MJC). Piano Flat, Waikaia R, several seen on frequent visits July-June (JQMcK).

**CHUKOR** *Alectoris chukar*

Mt John, L Tekapo, 1 at summit on 5/10 (BEE).

**RED-LEGGED PARTRIDGE** *A. rufa*

Greenpark huts, L Ellesmere, 3 on 19/11 (CMM *et al.*), 4 on 9/2 (KCH,SP).

**CALIFORNIA QUAIL** *Lophortyx californica*

Browning Pass, Southern Alps, 1 at 1600 m on 26/12 in short tussock (RS,PG).

**PHEASANT** *Phasianus colchicus*

Governor's Bay, Lyttelton Hbr, 1 cock on 11/11 (AC). L Ellesmere, several sightings through year on lake margins and adjacent farmland (KCH).

**PEAFOWL** *Parvo cristatus*

Nile R, West Coast, feral population (NR).

**BANDED RAIL** *Rallus philippensis*

Tasman and Golden Bays, widespread in saltmarshes. Marahau, 4 at dusk on 17/11 (AC). Whakapuaka main Rd, 1 on 28/9 (JMH).

**WESTERN WEKA** *Gallirallus australis australis*

Golden Bay and Abel Tasman NP, usual widespread records. Riwaka, 2 ad, 1 chick on 19/11 (AC). Port Ligar, Marlborough Sounds, several on 14-15/4 (PAL). Nth Westland, common and breeding in and near developed areas, well distributed in bush country to scrubline. Seal I., 1 on 5/12 (KS). Arahura, 1 on 23/12. Styx Saddle, 1 on 8/3 (RS,PG). L Daniells track, 1 on 26/3, out of normal range (CFJOD). Arthur's Pass NP, records from L Kaurapataka, Kelly's Crk, Taramakau V at Kiwi Hut, Arahura V at Harman R Hut, Mingha V at Mingha Biv, Poulter V near Mt Brown Stm, very rare E of main divide.

**BUFF WEKA** *G. australis hectori*

Common throughout Chatham Is: Pinnacles to Ko Oreao 13-30/11/84, Cascade Gorge 9-12/1/85, a few present (AJDT), Te Whanga Lgn, 86 on 22/11, southern Chatham I., 47 seen in 12 500 ha during summer (AG *et al.*). Kaingaroa, pr with 3 chicks on 2/7/86 (CMM).

**STEWART ISLAND WEKA** *G. australis scotti*

Outer Rugged I., 4 on 30/11/85 (CMM).

**MARSH CRAKE** *Porzana pusilla*

Marahau, 1 flushed at dusk on 19/11 (AC). L Sarah, 1 seen on 5/3 (PAL).

**PUKEKO** *Porphyrio porphyrio*

West Coast, common and breeding in farmland. Bromley SP paddocks, c.360 July to mid Sep, c.200 to Nov, c.150 Dec to April, c.250 in May, c.300 in June (AC,PAL). Travis Swamp, Christchurch, 186 on 2/3, 203 on 24/3, 250 on 13/4, 302 on 24/5, 310 on 28/6 (AC). Heathcote V, Christchurch, c.50 on 3/9 (PAL). L Ellesmere, max 243 in July. Rare in Canterbury high country: Maori Lakes, 4 on 22/4 (CFJOD), Barrosa, 22 on 23/7, Lambies Stm, 3 on 23/7 (DG *et al.*). Fortrose Est, 70 on 17/6 (SLL). Te Whanga Lgn, Chatham I., 7 on 22/11, southern Chatham I., 5 seen in sphagnum swamps during summer (AG *et al.*).

**AUSTRALIAN COOT** *Fulica atra*

Now breeding in Marlborough. Taylor Dam, Blenheim, 7 ad, 8 young in 11/88, 12 ad, 6 young on 12/88 (GN). St Anne's Lgn, 6 on 11/1 (AC), 3 on 22/1 (CMM), 6 on 20/3 (AC). Kaiapoi gravel pits, 6 on 28/10 (KCH), 4 on 3/3 (AC), 7 on 7/3 (PAL), 6 on 18/3, 2 on 27/4. Ashby's Pit, the only population within Christchurch City, 7 on 15/8, 3/9 (KCH,SP), 8 on 20/9 (AC), 1 ad, 2 chicks and 1 ad, 1 chick on 27/11, 3 ad, 1 juv on 29/1, 7 on 15/6, 17 on 22/6 (KCH,SP). L Sarah, 2 on 1/4, the first record for this lake (PAL). L Coleridge, 6 on 16/2 (RS), now resident here. L Heron, 137 on 23/7 (DG *et al.*), 44 on 2/12 (PG), 45 on 26/3 (CAF,CMM). L Alexandrina-MacGregor, 2 in July, 1 in Dec, max 10 in Jan, 3 in Feb, 1 in Mar, 6 in May (DOC). Otematata, 4 on 5/2 and on L Benmore on 5/2 (ARB). L Waiholo, first records, 7 on 20/8, 19 on 26/4 (DJO).

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

Nelson, present in all estuaries for most of year. Farewell Spit census, 1173 in Nov, 7629 in May. Golden Bay census, 965 in Nov, 5075 in May. Tasman Bay census, 747 in Nov, 4806 in May. Marlborough, max 38 on wader counts. West Coast, Oparara Lgn 9 on 23/6. Kongahu, 25 on 23/6 (CSL). Orowaiti Est, 132 on 14/12, 101 on 25/6 (DJO,KS), 17 on 6/2 (CSL). Westport Airfield, 77 on 25/6, 200 on 27/6. Okari, 8 on 13/12, 80 on 15/12, 87 on 25/6 (KS). Barrytown, 2 on 19/11 (RS,PG). L Ryan, 1 on 4/8, 19/10. Blaketown Lgn, 3 on 17/12, 2 on 5/1. Greymouth B, 3 on 25/8, 2 on 27/8 (CSL). New R, 1 on 19/11 (RS,PG). Taramakau Est, 2 with nest on 11/11 (CSL), 1 on 21/11 (RS,PG). Kumara B, 22 on 29/9 (CSL). Arahura B, 2 on 18/6, 22/6, 1 on 24/6 (FO). Hokitika Est, 12 on 29/6. Waitaha R, 2 on 29/6. Okarito, 9 on 29/6 (CSL). Hurunui R mouth, 34 on 9/1. Waimakariri and Taramakau Rs, present on open river beds (MH). Ashley Est, 185 on 4/7, 53 on 13/12, 102 on 25/1, 152 on 7/4 (AC). Waikuku, c.200 in paddocks on 21/8 (PAL). Small numbers scattered along Pegasus Bay beaches in summer eg Woodend B, 18 in 5 km on 27/1, 27 on 27/2; Waikuku B, 16 in 6 km on 27/1, 25 on 27/2. Brooklands Lgn, 182 on 27/1 (AC). L Lyndon, post-breeding flock of 30 on 2/1 (PAL). Avon-Heathcote Est, max 4950 on 22/1. Lyttelton Hbr, max 737 on 19/2. Akaroa Hbr, 127 on 17/8, 34 on 11/11 (AC). L Ellesmere, 65 on 30/7 (PAL), 76 on 10/3 (AC), 74 on 4/4 (KCH,SP). Cooper's Lgn, 1 on 25/6 (PMS). Early high country records, Ashburton Lakes: L Emily, 1 on 23/7, L Trinity, 2 on 23/7, Barrosa, 3 on 23/7 (DG *et al.*). Wainono Lgn, 32 in July, 1 in Nov. Washdyke Lgn, 1 in Sep, 4 in Nov (DOC). Southland censuses, 9 localities, 2087 on 10/12, 2138 on 17/6.

# **VARIABLE OYSTERCATCHER *H. unicolor***

Nelson, widespread around coast and estuaries increasing in numbers. Farewell Spit census, 35 in Nov, 104 in May. Golden Bay census, 23 in Nov, 65 in May. Tasman Bay census, 112 in Nov, 138 in May. Marlborough, max 16 on wader counts. West Coast, Break Crk, 2 on 23/6. Oparara Lgn 8 on 23/6. Kongahu, 1 on 24/6 (CSL). Orowaiti, 2 on 14/12, 4 on 25/6 (KS). Tauranga Bay, 1 on 13/12 (RS,PG). Okari, 1 on 13/12, 6 on 16/12, 3 on 25/6 (KS). Nine Mile B, 8 on 13/12 (RS,PG), 2 juv (KS). Woodpecker Bay, 2 on 6/12 (KS). Punakaiki B, 2 on 29/6 (LC). Perpendicular Pt, 5 on 11/12 (NR,KS). Punakaiki, 3 on 19/11 (RS,PG). Seventeen Mile Bluff, 1 on 17/12. Kumara B, 2 on 1/9 (CSL). Arahura B, 4 on 18/6, 5 on 24/6 (FO). Okarito, 2 on 29/6 (CSL). Manuka Bay, 2 on 7/8, 1 smudgy (PAL). Hurunui R mouth, 3 on 9/2, 2 smudgy. Nape Nape, 2 on 10/1. Motunau, 2 on 10/1. Avon-Heathcote Est, max 10 recorded, the highest number for this locality for many years (AC). Taylor's Mistake, 2 on 11/9 (PAL). Lyttelton Hbr, 1 on 18/12. Akaroa Hbr, 1 on 11/11. Birdling's Flat, 2 ad, 2 imm in April (AC,PAL). Kakanui R outlet, rare sighting of pied form on 12/11 (AG&AH). Southland censuses, 34 on 10/12, 36 on 17/6.

# **CHATHAM ISLAND OYSTERCATCHER *H. chathamensis***

Cascade Gorge, heard along eastern coast on 9/1/85 (AJDT). Southern coast, 4 seen during summer (AG *et al.*).

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

West Coast, common and breeding on beaches, riverbeds and farmland. Razorback B, 8 on 29/7 (LC). Kokiri, 45 – 50 on 25/5 (CSL). New R, 30 on 1/7 (RS,PG). Waitaha, 25 on 29/6 (CSL). Open Bay I., 5 on 31/8 (CMM). Arthur's Pass, present Waimakariri V, nr Anti Crow R, Cora Lynn Fan, Lower Otira R (MH). Travis Swamp, Christchurch, 92 on 24/5 (AC). L Ellesmere, 209 in July (CFJOD), 544 on 25/6 (PMS *et al.*). Ashburton Lakes, 31 on 23/7 (DG *et al.*). L Clearwater, 2 on 10/6 (PJH,JW). Wainono Lgn, max 169 in Sep. Washdyke Lgn, max 15 in Nov (DOC). Early Chatham Is records in 1986: Pt Munning, 5 on 2/7, Hapupu golf course, 4 on 2/7, Waitangi West, 5 on 5/7, L Huro, 5 on 17/7 (CMM); Waipaua, Pitt I., 2 on 10/7 (RC), Rangatira I., 1 on 12/7 (CMM). Now common on main Chatham I.. Te Whanga Lgn, 124 on 22/11 (AG *et al.*).

# **GREY PLOVER *Pluvialis squatarola***

Waituna Lgn, 1 on 10/12 (RRS).

# **LEAST GOLDEN PLOVER *P. fulva***

Farewell Spit census, 28 in Nov, 1 in May. Waimea Est, max 6 in Oct, Nov and Feb (AB,JMH,HH,GDQ). West Coast, Blaketown Lgn, 2 on 17/12, 5/1. Greymouth Airfield, 2 on 4/3, 2 on 13/3, 1 on 26/4 (CSL,IS). Greenpark Sands, L Ellesmere, 51-55, Nov – April, none overwintering (AC,KCH,PAL,CMM,SP,PR). Southland census, 102 on 10/12. Fortrose Est, 10 on farm paddock 3 km inland on 29/11 (SLL). Awarua Bay, 3 including 1 in full breeding plumage on 4/3 (WJC).

# **NEW ZEALAND DOTTEREL *Charadrius obscurus***

Farewell Spit, 4 on 1/8 (BB,JMH,PR), 1 in Nov, 6 in May. Motueka Sandspit, 2 on 17/11 (AC). Avon-Heathcote Est, 1 from 7/3 (AC,KCH,

PAL,SP,PR). Fortrose Est, 1 imm on 10/2 (MLB). Awarua Bay, 12 on 29/1 including 2 imm banded on Stewart I. in Dec; 20 on 12/5, still there on 30/6 including 3 banded imm, 1 banded ad (BO'C, MLB). Mason Bay, Stewart I., nil in 7.5 km in early May (AA).

#### BANDED DOTTEREL *C. bicinctus*

Nelson, seen throughout year. Usual breeding at a number of coastal sites and on some braided rivers. Farewell Spit census, 40 in Nov, 1237 in May. Golden Bay census, 24 in Nov, 404 in May. Tasman Bay census, 53 in Nov, 180 in May. Marlborough, max 40 on wader counts. L Grassmere, 130 on 29/4 (CMM). Karamea Est, 13 on 23/6 (CSL). Nth B, Westport, 20 on 14/12, 15 on 15/12 (KS,DJO). Orowaiti Est, 1 on 6/2 (CSL). Okari, 1 with juvs on 14/12 (KS). Punakaiki, 11 on 19/11 (RS,PG). Pororari Est, 2 on 3/1 (CSL). Barrytown, 4 on 19/11 (RS,PG). L Ryan, 2 on 4/3. Grey Est, 1 on 30/3. Blaketown Lgn, 9 on 7/7, 6 on 4/8, 1 on 10/11, 9 on 17/12, 26 on 5/1, 22 on 1/2, 13 on 30/3. Greymouth Airfield, 6 on 20/7, 2 on 25/8, 7 on 4/3, 33 on 26/4, 2 on 27/4, 37 on 24/5, 52 on 22/6. Greymouth B, 1 on 25/8 (CSL). New R, 3 on 19/11 (RS,PG). Taramakau Est, c.10 on 11/11 (CSL), 3 on 21/11 (RS,PG). Kumara B, 2 on 29/9 (CSL). Arahura B, 2 on 11/4, 10 on 10/5, c.45 on 19/5, 20 on 31/5, c.25 on 1/6, 17 on 18/6, 2 on 24/6, 1 on 26/6 (FO). Nape Nape, 2 ad, 1 chick on beach on 10/1. Hurunui R mouth, 22 on 9/1. Ashley Est, 88 on 4/7, 62 on 13/12, 156 on 25/1, 142 on 7/4 (AC), 27 on 22/6 (KCH). Brookland's Lgn, 34 on 27/1 (AC). L Lyndon, 6 on 24/2, 12 on 11/3, 1 on 1/4 (PAL). Avon-Heathcote Est, 72 on 7/7, falling to 4 by 16/8, then absent until 2 on 22/10, 8 on 15/12, 24 on 20/12, 45 on 3/1, 53 on 22/1, then 65 to June. Lyttelton Hbr, 52 on 10/7, absent Aug-March, 34 on 24/4, 68 during May and June (AC). Greenpark Sands, L Ellesmere, very few on 18/9 (PAL), 1513 on 28/12 (AC), 2038 on 2/2 (CFJOD), 2000 + on 9/3 (KCH,SP). Cooper's Lgn, 9 on 25/6 (PMS *et al.*). Washdyke Lgn, max 25 in Nov. Wainono Lgn, max 55 in Sep (DOC). Max winter population in coastal Otago, 244 on 11/6 (PS *et al.*). Southland coastal censuses, 78 on 10/12, 341 on 17/6. Mataura R, one side of river 8 km Gore to Otamita, 12 pr, some with chicks on 8/11. Others seen but not counted across river (JQMcK). Aparima R at Thornbury, 14 on 8/7 (OJL). Omani, 2 territorial on 31/7 (PMcC). Oreti R at Bransholme, 2 on territory 4/8 (MLB). Mason Bay, Stewart I., 20 + in 7.5 km in early May (AA). Te Whanga Lgn, Chatham I., 35 on 22/11, southern Chatham I., 15 birds in bracken fields with short open vegetation, chicks present during summer (AG *et al.*). Hapupu Golf Course, Chatham I., 3 on 2/7/86. Rangatira I., 2 on 12/7/86 (CMM).

#### MONGOLIAN DOTTEREL *C. mongolus*

Farewell Spit, 2 in Nov. Golden Bay census, 1 in May. Motueka Sandspit, 1 on 30-31/8 and 7/5 (DB,AC). L Wainono, 1 in June - July (RM).

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

Nelson, recorded only from Farewell Spit, 1 in May.

#### ORIENTAL DOTTEREL *C. veredus*

Greenpark Sands, L Ellesmere, 1 from 4/1 to 14/3 (AC,KCH,PAL,CMM,PMS,SP,PR,NW).

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

Nelson Haven, 1 on 24/4 (KMQ). Lower Ashburton R, 12 on 15/10 (CMM). Wainono Lgn, 1 in July (DOC). Fortification Rd ponds, Oamaru, 2 in first 2 weeks of July but only 1 on 22/7 and 26/7 (AG&AH). Taieri R, breeding again near Outram: nest with 3 eggs on 25/10 (PS); 1 ad with 3 chicks and 1 nest with 3 eggs on 7/11 (GA&DWG); 1 ad and 1 chick on 21/12 (PS); 8 on 11/3; 1 ad and 1 three-week-old chick on 30/3 (GA&DWG). Te Anau, Mararoa R, 2 on swampy ground mid-Nov (BN). Aparima R at Otautau, 2 probably with nest on 7/11. Thornbury, 3 on 8/9-5/1. 1 pr hatched 1 chick (MLB).

**WRYBILL** *Anarhynchus frontalis*

Nelson, seen infrequently and seldom stay long. Farewell Spit, 2 in May. Tasman Bay, 35 in May census. Motueka Sandspit, 4 on 30/8 (AC). Nelson Haven, 1 in Nov, March, April. Ashley Est, 12 on 17/8, 5 on 8/10, 57 on 27/10, 5 on 27/11, 2 on 25/1, 4/2, 18/3, 3 on 7/4, 4 on 27/4 (AC,KCH,PAL,SP). Avon-Heathcote Est, 1-3 Sep-Nov (AC). L Ellesmere, many records in all months except June, usually <50, max 355 in Oct (AC,KCH,PAL,CFJOD,SP,PR). Cooper's Lgn, 2 on 19/11 (KCH). L Wainono, 1 on 6/8, 10 in Sep (DOC). L Benmore, 2 breeding prs (AG&AH). Inch Clutha, 5 outside normal range on 5/10 (PS).

**FAR-EASTERN CURLEW** *Numenius madagascariensis*

Farewell Spit census, 8 in Nov, 3 in May. Westhaven, 1 in Jan (DB). Waimea Est, 2 on 23/5 (AB,GDQ). Blaketown Lgn, 1 on 13-14/1 (CSL). Ashley Est, 2 on 27/10, 3 from Nov-Jan, 2 on 4/2, 27/2. Avon-Heathcote Est, 1 in Aug. L Ellesmere, 1 on 27/1 (AC,KCH,SP,PR). Fortrose Est, 4 on 10/1 (SLL). Awarua Bay, 1 on 6/11 (MLB).

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

Farewell Spit census, 2 in Nov, 1 in May. Avon-Heathcote Est, 1 from 22/10 to late Nov (AC,PR). Aramoana, 1 on 4/12 (JAW). Invercargill Est, 1 on 6/12 (MLB).

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

Farewell Spit census, 2 in Nov, 1 in May. Orowaiti Est, 1 on 14-15/12 (DJO,KS).

**WHIMBREL** sp.

Farewell Spit census, 7 in Nov, 3 in May. Waimea Est, 2 on 29/11, 1 on 15/2 (AB).

**HUDSONIAN GODWIT** *Limosa haemastica*

Avon-Heathcote Est, 1 from 14/12, still present in June (AC,DMS). Embankment Rd, L Ellesmere, 1 on 23/11 (CMM). Catlins L, 1 on 10/7, 26/8 and 20/11, presumably the same bird as last year (DJO).

**BAR-TAILED GODWIT** *L. lapponica*

Nelson, present over summer in all estuaries, some overwintering. Farewell Spit census, 14 776 in Nov, 3802 in May. Golden Bay census, 4470 in Nov, 275 in May. Tasman Bay census, 3128 in Nov, 961 in May. Delaware Bay, first record of 2 in 1988, 10 in May wader census. Marlborough, max

9 on wader counts. Karamea Est, 9 on 23/6 (CSL). Orowaiti Est, 55 on 14/12, 5 on 25/6 (DJO,NR,KS), 6 on 6/2 (CSL). Okari, 2 on 15/12 (RS,PG). Blaketown Lgn, 2 on 5/1 (CSL). Waipara R mouth, 5 on 28/12, 1 on 3/3. Ashworth's Lgn, 1 on 27/10. Ashley Est, 24 on 4/7, 33 on 27/11, 79 on 13/12, 124 on 25/1, 24 on 27/4. Waikuku paddocks, 37 on 22/6. Waikuku B, 6 in 6 km on 27/2. Woodend B, 8 in 5 km on 27/1, 9 on 27/2. Brookland's Lgn, 142 on 27/1, 100+ on 27/11. Avon-Heathcote Est, c.470 through winter, 909 on 21/9, max 2350 by 2/11. Numbers drop during summer as birds move to other local estuaries, 1920 on 22/2, 826 on 15/3, c.365 overwintering. Lyttelton Hbr, max 490 on 19/2. Greenpark Sands, L Ellesmere, 158 on 28/12, 83 on 7/1, 17 on 27/1, 2 on 31/1, 82 on 9/3, 102 on 10/3, 54 on 22/3. Cooper's Lgn, 3 on 19/11, 27 on 23/11 (AC,KCH,SP). Washdyke Lgn, 11 in Nov. Wainono Lgn, 59 in Nov (DOC). Southland censuses, 2952 on 10/12, 485 on 17/6. Gorge Rd, 60+ at 1100 h on 30/7, flying low over saturated farmland and disappearing to the nth. Seen after near flood conditions and a month of exceptional rainfall and big tides which inundated usual wader feeding grounds (SLL). Te Whanga Lgn, Chatham I., 314 on 22/11 (AG *et al.*).

**GREENSHANK** *T. nebularia*

Farewell Spit, 1 in May. Waituna Lgn, 1 on 10/12 (RRS). Awarua Bay, 2 on 10/12 (MLB), 3 on 15/1 (RAD), 1 on 4/3 (WJC).

**MARSH SANDPIPER** *T. stagnatilis*

Farewell Spit, first sighting for this area, 1 in May (WFC). L Grassmere, 1 on 21/1 (CMM). L Ellesmere, 1 from Nov to Feb (AC,KCH,SP,PR).

**WANDERING TATTLER** *T. incana*

Rakuatara bridge, 20 km nth of Kaikoura, 1 on 16/3, noted 6-7 note trilled call (IS). Seal I., Kaikoura, 2 in breeding plumage on 27/4 (BEE).

**SIBERIAN TATTLER** *T. brevipes*

Nelson, not recorded this year. Kaikoura Pen, 1 on 15/3 (IS). Regular summer visitor to coastal Otago. Otakou, 2 on 28/1 (JD,EM). Regular sightings at Aramoana during Hbr surveys: 3 on 19/2, 1 on 19/3, 2 on 15/4 (JAW *et al.*), 2 on 11/6 (SR). Catlins L, 1 on 20/11 (DJO). Cabbage Pt, Catlins, 1 on 26/12 (KCG).

**TATTLER** sp.

Kaikoura, 5 roosting at Armer's B on 4/4 (GJE), 4 on 20/4 (JC). Avon-Heathcote Est, 1 on 22/10 (AC). Awarua Bay, max 4 between 21/10 and 19/3 (WJC,MLB).

**TEREK SANDPIPER** *Xenus cinereus*

Ashley Est, 1 on 4/2. L Ellesmere, 1 through July – Aug, last seen on 23/8 (KCH,PAL,SP).

**TURNSTONE** *Arenaria interpres*

Farewell Spit census, 451 in Nov, 376 in May. Golden Bay census, 11 in May. Motueka Est, 434 in Nov. Tasman Bay census, 120 in May. Uncommon elsewhere in Nelson region. Waimea Est, 1 on 29/11 (AC). L Grassmere, 274 on 21/1 (CMM). Kaikoura Pen, 43 in Nov (wader count), 30+ on 15/3 (IS), 50 on 4/4 (GJE). Ashley Est, 3 on 28/12, 4 on 25/1.

Avon-Heathcote Est, 2 on 24/10. L Ellesmere, 3 overwintering 1988, max 74 over summer, none overwintering (AC,KCH,PAL,SP). Southland censuses, 946 on 10/12, 61 on 17/6. Te Whanga Lgn, Chatham I., 210 on 22/11 (AG *et al.*).

CHATHAM ISLAND SNIPE *Coenocorypha aucklandica pusilla*

Star Keys, 1 on 10/2/88 (AJDT).

SNIPE sp. *Gallinago* sp.

Henderson extension, L George near Colac Bay, 1 on 27/11/87 (WJC).

KNOT *Calidris canutus*

Nelson, the most common wader on Farewell Spit, 17 347 in Nov, only 475 in May. Golden Bay census, 753 in Nov. Tasman Bay census, 171 in Nov, 39 in May. Ashley Est, 5 on 27/10, 6 on 13/12, 7 on 25/1, 5 on 18/3, 4 on 27/4. Avon-Heathcote Est, 1 on 1/10, 2 on 4/10, 6 on 11/10, 3 on 29/10, 1 on 2/11, 6 on 13/11. L Ellesmere, arrived first at Kaitorete Spit tip, 26 on 23/9, by late Oct most had moved to Greenpark Sands, 50 on 15/10 (CFJOD), 26 on 10/11, 42 on 28/12, 43 on 7/1, 26 on 31/1, 19 on 9/3, 17 on 22/3, 14 on 20/4. Cooper's Lgn, 1 on 20/1 (AC,KCH,SP). Aramoana, 2 on 20/11. Inch Clutha, 4 on 19/11 (KCG *et al.*). Catlins L, 1 on 20/11 (DJO). Southland censuses, 872 on 10/12, 46 on 17/6. Fortrose Est, 31 on 10/2 (MLB). Te Whanga Lgn, Chatham I., 816 on 22/11 (AG *et al.*).

SHARP-TAILED SANDPIPER *C. acuminata*

Farewell Spit census, 4 in Nov. L Ellesmere, max 27 over summer (AC,KCH,PAL,CFJOD,SP,PR). Washdyke Lgn, 5 in Nov (DOC). Inch Clutha, 3 on 13/1 (DJO). Awarua Bay, 5 on 21/10 (WJC). Invercargill Est at Jock's Roost, 11 on 10/12 (PMM). Te Whanga Lgn, Chatham I., 20 on 22/11 (AG *et al.*).

PECTORAL SANDPIPER *C. melanotos*

Nelson, recorded only from Farewell Spit, 2 in Nov. L Grassmere, 2 on 21/1 (CMM). L Ellesmere, max 5 Oct – May (CFJOD). Cooper's Lgn, 1 on 19/11 (AC,KCH,SP,PR). Inch Clutha, 2 on 13/11 (DJO).

CURLEW SANDPIPER *C. ferruginea*

Farewell Spit census, 3 in Nov, 4 in May. L Grassmere, 2 on 2/2 (OSNZ). L Ellesmere, 10 overwintered, an unusually high number, first arrivals at Kaitorete Spit tip, 11 on 23/8, 18 on 4/11, most moved to Greenpark Sands by late Nov, 25 on 16/12, 41 on 28/12, 36 on 11/1, 28 on 24/1, max record of 86 on 2/2, 29 on 1/3, 38 on 22/3, 21 on 4/4 (AC,KCH,CFJOD,SP). Awarua Bay, 15 on 10/12 (MLB), 10 on 4/3 (WJC).

RED-NECKED STINT *C. ruficollis*

Nelson, recorded only from Farewell Spit, 21 in Nov, 11 in May. L Grassmere, 11 on 2/6 (OSNZ). Avon-Heathcote Est, 1 on 11/10. L Ellesmere, 26 overwintered, an unusually high number, first arrivals at Kaitorete Spit tip in late Sep, 24 on 23/9, 42 on 19/10, 21 on 4/11, most moved to Greenpark Sands by Nov, 45 on 4/11, 60 on 15/11, max 99 on 2/2, 53 on 10/3, 4/4, 24 on 20/4, 4 on 20/5, 1 on 25/6 (AC,KCH,PAL,CFJOD,SP,PR). Awarua Bay, 5 on 21/10 (WJC), 30 on 10/12 (MLB), 32 on 4/3 (WJC).

SANDERLING *C. alba*

L Wainono, 2 in Sep (DOC). Awarua Bay, 1 on 15/1 (RAD).

PIED STILT *Himantopus himantopus*

Nelson, usual flocking along coast in winter. Farewell Spit census, 19 in Nov, 48 in May. Golden Bay census, 108 in May. Tasman Bay census, 46 in Nov, 363 in May. Lake Rotorua, 7 on 7/8 (BAN). Marlborough, max 121 on wader counts. Kaikoura, 2 on 2/6. West Coast, Break Crk, 2 on 23/6. Oparara Lgn, 13 on 23/6. Karamea Est, 15 on 23/6. Maori Pt, 1 on 24/6. Kongahu, 5 on 24/6. Orowaiti, 11 on 6/2. L Ryan, 3 on 7/7, 5 on 28/9, 2 on 20/10, 8 on 21/10, 6 on 17/12, 10 and 3 juv on 5/1, 10 on 1/2, 14 on 4/3, 2 and 3 juv on 26/4, 18 on 24/5. Cobden Lgn, 2 on 5/1, 3 on 4/3. Grey Est, 3 on 1/2, 2 on 30/3. Blaketown Lgn, 4 on 1/2, 6 on 30/3. Hokitika Est, 1 on 29/6 (CSL). St Anne's Lgn, 10 on 11/1, 11 on 20/3. Hurunui R mouth, 6 on 9/1. Ashley Est, 65 on 4/7, 22 on 13/12, 209 on 25/1, 31 on 7/4. Brookland's Lgn, 74 on 27/1 (AC), 13 on 15/6 (KCH). Maori Lakes, 23 on 4/11 (PG). Travis Swamp, Christchurch, 10 breeding on 17/9 (PAL). Avon-Heathcote Est, 96 on 22/8, 142 on 28/6. Lyttelton Hbr, max 95 on 18/8. Akaroa Hbr, uncommon, 2 on 11/11 (AC). L Forsyth, 100s on 17/1 (KCH), 120+ on 29/4 (PAL). L2 R mouth, L Ellesmere, 247 on 19/11 (KCH), 810 on 24/1, Kaituna Lgn, 1136 on 2/1 (AC), max 2776 on 2/2 (CFJOD), 632 on 25/6 (PMS et al.). Cooper's Lgn, 63 on 23/9 (KCH,SP). Washdyke Lgn, max 190 in July. L Wainono, max 815 in Nov (DOC). Southland censuses, 9 localities, 488 on 10/12, 311 on 17/6. Te Whanga Lgn, Chatham I., 15 on 22/11 (AG et al.).

BLACK STILT *H. novaeseelandiae*

Nelson, hybrid birds occasionally seen. Farewell Spit, 1 in May. Waimea Est, 1 in June. Ashley R, 1 below SH1 bridge on 9/1. Lyttelton Hbr, 1 on 18/8, the first record for this site (AC). L2 R mouth, L Ellesmere, 1 node I hybrid on 28/8 (PAL), 1 on 25/6 plus 1 node G hybrid & 5 node E hybrids (CFJOD). Cooper's Lgn, 1 hybrid on 23/9 (KCH). Ashburton R, 1 on 25/12 with ad Pied Stilt and 2 imms (PG). MacKenzie Basin, 1988/89 breeding season 49 pure black ad, 10 pure black sub-ad, 10 node I ad, 2 node H ad, 13 chicks fledged (SE,DM,CER); winter census, 48 ad, 7 juv on 9/7 (CER). Ohau, 1 on 30/12 (ARB). Fortification Rd ponds, Oamaru, 1 hybrid, type G head and E body on 3/7 (AG&AH).

SOUTHERN GREAT SKUA *Stercorarius skua lonnbergi*

Birdling's Flat, 1 ashore on 18/4 (PAL). Foveaux Str, 1 on 15/11/86 (AJDT), 1 early May (AA). Stewart I., E coast, 1 chasing Broad-billed Prion (AJDT). Star Keys, Chatham I., several prs and some large chicks present. Middens contained remains of many Blue Penguins, Broad-billed Prions, Fairy Prions, Sooty Shearwaters, White-faced Storm Petrels; a few Pitt I. Shag chicks, Diving Petrels; 8 black-winged Petrels, 1 Grey-backed Storm Petrel.

POMARINE SKUA *S. pomarinus*

Motueka Sandspit, 1 on 26/11 (AC). Ashley Est 1 on 25/1. Avon-Heathcote Est, 2 on 20/4, 28/4 with well-developed tail feathers, first record for this site (AC).

**ARCTIC SKUA** *S. parasiticus*

Pakawau, 2 in Feb (JJ). Riwaka R mouth, 1 on 20/11 (AC). Outer Marlborough Sounds, 2 in full breeding plumage on 15-16/4 (PAL). Kaikoura Pen, 1 pale phase on 15/3 (IS). Tauranga Bay, West Coast, 4 dark phase on 15/12 (NR,KS). Woodpecker Bay, 1 dark phase on 5/12 (DJO,KS). Waipara R mouth, 1 on 3/3 (AC), 1 on 13/5 (KCH,SP). Ashley Est, 1 on 13/12, 7/4. Waimakariri R mouth, 1 on 27/2. Avon-Heathcote Est, 1 on 28/4 (AC). Oreti B sth, 2 on 23/1, brown phase no tail streamers, disturbed oystercatchers and Red-billed Gulls (RAD).

**SKUA** sp.

Tasman and Golden Bays, regularly seen in summer. Sth New Brighton, Christchurch, 1 dark phase on 3/4 (AC,PAL). Cooper's Lgn, 3 chasing terns on 1/3 (KCH,SP).

**BLACK-BACKED GULL** *Larus dominicanus*

Farewell Spit, 3 colonies of c.130 nests. Nelson Boulder Bank, 891 nests in Nov, 294 young banded in Dec. Bell's I., 223 nests in Nov. Rabbit I., 110 nests in Nov (JMH). West Coast, common in coastal areas, occasional inland including bush and high country. Punakaiki B, 7 on 29/7. Razorback B, 19 on 29/7 (LC). Rapahoe B, 234 on 28/7 (CSL). Tobin Range, breeding colony with c.25 pr and juvs on 31/12 at subalpine tarn (RS,PG). Mt Davey, 50+ breeding on 1/10 (FO). Greymouth tip, c.350 on 26/4. Greymouth B, c.400 on 7/7. Greymouth Airfield, 300-350 on 19/10 (CSL). Rotherham, c.1050 on newly ploughed paddocks on 9/2 (AC). Waimairi B, c.3400 loafing inshore in rafts on 23/4 (PAL). Teddington, Lyttelton Hbr, 1394 in 3 colonies on 17/1 (AC). L Ellesmere, max 1013 in Oct (CFJOD). Te Whanga Lgn, Chatham I., 462 on 22/11. South coast, Chatham I., 141 during summer (AG *et al.*). Cascade Gorge, Chatham I., a few on 9-12/1/85 (AJDT). Star Keys, Chatham I., several ads and young, a few old nests on 10/2/88 (AJDT).

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

Nelson, Tarakohe Breakwater, c.12 nests in Jan adjacent to White-fronted Tern colony (GDQ). Nelson Boulder Bank, nesting successful this year. Little Wanganui Est, 1 on 24/6 (CSL). Wall I., 90 breeding on 13/12 (NR,KS). Punakaiki B, 77 on 29/7. Razorback B, 2 on 29/7 (LC). Seventeen Mile Bluff, 4 on 17/12. Twelve Mile Bluff, 12 on 17/12. L Ryan, 15 on 26/4. Greymouth B, c.40 on 7/7 (CSL). Whitewash Hd, Christchurch, none breeding on rock stacks this year but several nests on cliffs amongst Spotted Shags (KCH,SP). L Ellesmere, 80 in July, 279 in Oct, 11 on 2/2, none in May (CFJOD). Bird I., near Ruapuke I., 1 banded bird on 16/1 and 9/6 (EB). Te Whanga Lgn, Chatham I., 739 on 22/11. South coast, Chatham I., 10 seen during summer (AG *et al.*). Star Keys, Chatham Is, a few ad and begging fledglings on 10/2/88 (AJDT).

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

Nelson, small numbers in many coastal areas in winter. West Coast, common in coastal areas. Karamea Est, 23 on 23/6. L Ryan, 8 on 24/6. Grey Est, 22 on 7/7, 7 on 22/6. Taramakau Est, 20 on 2/7. Kumara B, 2 on 1/9

(CSL). Hurunui R mouth, c.1050 on 24/7. Motunau R mouth, 80 on 10/1. Travis Swamp, Christchurch, 459 on flooded paddocks on 24/5 (AC). L Ellesmere, max 450 in Oct (CFJOD).

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

Farewell Spit, 2 on 24/11. Nth B, Westport, 1 on 14/12 (DJO,KS). Greenpark Sands, L Ellesmere, 1 on 6/1 (NW). Kaitorete Spit tip, 1 on 23/9 moulting into eclipse plumage, traces of black on underside. Cooper's Lgn, 2 on 20/1, 1 on 1/3 (KCH,SP).

**CASPIAN TERN** *Hydroprogne caspia*

Farewell Spit, nesting affected by high tides and wind. Motueka Est, 17 on 30/8. Motueka Sandspit, 20 on 26/11 (AC). Bell's I. shellbanks, an increase to 21 nests in Nov (JMH,GDQ), 16 chicks on 5/1 (GW). Havelock, 8 on 16/4 (PAL). L Grassmere, 3 on 6/6 (OSNZ). Kaikoura Pen, max 1 (BEE). Oparara Lgn, 2 on 23/6 (CSL). Karamea Est, 1 on 24/6 (RS,PG). Little Wanganui Est, 1 on 24/6 (CSL). Orowaiti Est, 1 on 14/12, 1 + 1 juv on 15/12. Okari, 1 on 15/12. Nine Mile B, 1 on 25/6. Seal I., 3 on 5/12 (KS). Blaketown Lgn, 1 on 4/8, 30/3 (CSL). New R, 3 on 19/11 (RS,PG). Taramakau Est, 2 on 2/7 (CSL), 2 on 1/8 (RS,PG). Mikonui Est, 1 on 29/6. Okarito, 1 on 29/6 (CSL). Ashley Est, 3 July – Sep, 8 in Oct, 1 Nov – Dec, 2 in Jan, 6 in Feb – March, 2 in April – May, 1 in June (AC,KCH,PAL,SP). Woodend B, 2 on 27/2. Brookland's Lgn, 7 on 27/1 (AC), 3 on 15/6 (KCH). Avon-Heathcote Est, max 108 on 8/3. Lyttelton Hbr, 3 in July, absent Aug – Dec, 1-2 from Jan – June. Port Levy, 1 on 16/6. Akaroa Hbr, 1 on 17/8 (AC). L Ellesmere, small numbers over whole lake (AC,KCH,PAL,SP), 70 in Oct, 24 in July, 15 in Feb, 4 in May (CFJOD), max c.150 at Kaitorete Spit in June including 12 colour banded from Invercargill(RM). Taumutu, 12 on 27/3 (AC). Cooper's Lgn 1 on 1/3 (KCH,SP). Washdyke Lgn, 1 in Sep (DOC). Regular winter visitor to Otago. Waikouiti, 13 on 5/3. Papanui Inlet, 12 on 16/2 (KCG). Fortrose Est, 5 on 10/2 including 1 M-banded ad and 1 imm. Invercargill Est colony, 10/88-2/89: 132 ad, at least 13 of the 18 previously colour banded adults present. Three new adults colour banded. No colour banded imm of previous season seen. Colony was on 2 sites which were washed out twice. Min 70 chicks hatched, 8 died, 10 more believed dead, 15 M-banded and possibly survived, 30 colour banded and probably survived (MLB). Sandy Pt, near Invercargill, 3 on 17/1, all banded: 1 ad, 1 (1987) imm, 1 (1988) imm, exhibited begging behaviour (MLB).

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

Nelson, recorded from coastal areas in winter. Riwaka R mouth, 4 on 30/8. Motueka R mouth, 4 on 30/8 (AC). Motueka R, birds not present at last year's breeding site upstream from Eggar's bridge on 24/10 (GDQ). Rabbit I., 4 on 10/3 (IS). Nelson Haven, 25 on 16/7 (JMH). Havelock-Port Ligar, 2 on 14-15/4 (PAL). L Grassmere, 2 on 2/2. Awatere R paddocks, none seen since 4/87 (TJT). Kaikoura Pen, 30 + on 15/3 (IS), c.90 on 10/4 (BEE). Okari, West Coast, 1 on 15/12 (DJO,KS). Lottery R, Nth Canterbury, 10-15 pr nesting at Sherwood in Nov. Manuka Bay, 1 on 10/1. Hurunui R mouth, c.80 on 24/7, 22 on 9/1 (AC). Waipara R mouth, 5 on 26/8. Ashley Est, 25 on 26/8 (KCH,SP), 34 on 25/1, 66 on 7/4 (AC). Upper Waimakariri R, colony of 26 + nests on 19/11 (PAL), common below Bealey

R and about Cora Lynn Fan. Records from Hawdon V, L Letitia, Nigger Stm (MH). Avon-Heathcote Est, present from late summer to winter, max 238 on 28/4 (AC). Bromley SP, 25 hawking over ponds on 7/4 (PAL), 102 on 16/4. Lyttelton Hbr, rarely seen, 1 on 10/7, 14/4 (AC). L Ellesmere, none in July, 40 in Oct, 2 in Feb, 36 in May. Moving to inland Canterbury from mid-June with flocks of c.100 at Rakaia & c.250 at Hinds (CFJOD).

#### ANTARCTIC TERN *S. vittata*

Tupari Bay, Stewart I., 1 on 25/11/85, 2 on 26/11/85. Putauhina I., 5 prs nesting on 25/11/85. Solomon I., 4 offshore on 26/11/85. Poutama I., 1 imm offshore on 26/11/85. South Cape, Stewart I., 2 ads offshore on 26/11/85 (CMM).

#### LITTLE TERN *S. albifrons*

Pakawau, Golden Bay, 1 in Feb (JJ). Aramoana, 1 first reported on 6/11, still present end of June (JAW *et al.*). Invercargill Est, 1 on 10/12 (WJC).

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

Nelson, present around coast in summer but seldom seen June – Oct. Tarakohe Breakwater, 60 – 100 ads, c.25 chicks on 1/1 adjacent to Red-billed Gull colony (GDQ). Motueka Sandspit, c.112 establishing colony on 26/11 (AC,AK,KDQ). Bells I. shellbanks, c.21 chicks on 5/1 (GW). Nelson Boulder Bank adjacent to Red-billed Gull colony, 50 + nests, chicks almost flying, few eggs on 30/12 (GW). Havelock to Rangitoto I., scattered individuals and three groups 30-40 birds on 14-16/4 (PAL). L Grassmere, 2 on 6/6 (OSNZ). Kaikoura Pen, max 22 (BEE). Karamea Est, 8 on 23/6 (CSL). Okari, 37 on 13/12, 4 on 15/12, 74 on 25/6 (KS). Tauranga Bay, 41 + 6 juv on 13/12, 55 on 15/12 (DJO,KS). Wall I., 65 nests on 13/12. Seal I., 1 nest on 5/12 (NR,KS). Perpendicular Pt, 30 on 9/12 (KS). Punakaiki Blowholes, few nesting on 3/1. Porarai Est, c.80 on 3/1. Twelve Mile B, 8 on 17/12. Taramakau Est, c.50 on 2/7 (CSL). Hurunui R mouth, c.150 on 7/12, 170 on 9/1. Motunau R mouth, c.220 on 10/1 (AC). Ashley Est, c.400 on 8/10 (PAL), 321 on 13/12, 132 on 25/1, 420 on 27/2, 278 on 7/4 (AC), 91 on 27/4 (KCH,SP). Waimakariri R mouth, 56 on 27/2 (AC), 11 on 27/4 (KCH,SP). Avon-Heathcote Est, present all year in small numbers, usually <40, occasional influxes including record count of 1272 on 28/4. Little Akaloa, c.120 at rock stack colony on 17/8 (AC). Akaroa Hbr, breeding colony of 150-200 birds on rocky headland in Nov (CFJOD). Birdling's Flat, c.50 on 23/10, c.350 including 70 imms on 10/2 (PAL). Taumutu, L Ellesmere, 105 on 27/3 (AC). Wainono Lgn, max 35 in Sep. Washdyke Lgn, max 47 in Nov (DOC). Timaru, c.1500 on railway station roof on 12/5/85 (AJDT). Tiwai Spit, Awarua Bay colony, 60 prs on 3/1 with fledged and downy chicks and eggs (WJC). Invercargill Est colony, 80 prs Nov-Jan, washed out twice, only 1 chick raised (MLB). Port Pegasus, Stewart I., a few on 15/11/86 (AJDT). Te Whanga Lgn, Chatham I., 820 on 22/11. South coast, Chatham I., 24 seen during summer (AG *et al.*). Star Keys, Chatham Is, a small flock offshore on 10/2/88 (AJDT).

#### NEW ZEALAND PIGEON *Hemiphaga novaeseelandiae*

Nelson, widespread throughout. Between Springs Junction and Murchison, 40 in budding willow trees along roadside on 28/8 (AC). Port Ligar, Marlborough Sounds, 1 on 16/4 (PAL). West Coast, well distributed

in bush and gardens. Arnold Dam, 3, 1 all white on 28/12 (CSL,RS,PG). Arthur's Pass NP, records from L Kaurapataka, Hunt's Crk, Hurunui R, Arthur's Pass village, Waimakariri V near Bealey, very uncommon E of main divide (MH). Waiau, 1 in township seen chasing a Magpie on 6/6 (JC). Botanical Gardens, Christchurch, 1-2 frequently seen March – June (PAL). Okuti V, Bank's Pen, 3 on 10/9 (KCH,SP). Akaroa, flock of c.20 on 11/3 (PR).

**CHATHAM ISLAND PIGEON** *H. novaeseelandiae chathamensis*

Te Awatapu Slump, a few feathers found of this species on 29/11/84. Cascade Gorge, 8+ seen on single days on 9-12/1/85. Murphy's Hill, 4-6 present, some moulting on 15-22/1/85. Taiko Town, 2 on 12-23/1/85 (AJDT). Southern Chatham I., only 7 birds seen in 12 500 ha during summer in mature mixed broadleaf forest and grassy clearings (AG *et al.*).

**ROCK PIGEON** *Columba livia*

Westport, feral population breeding in cement silos. Poulter V, Arthur's Pass NP, 3 on 15/2 at Mt White road bridge (MH).

**WHITE COCKATOO** *Cacatua galerita*

Kaituna V, Bank's Pen, 4 seen eating podocarp seeds in May (B Molloy). Gorge Rd, Southland, 1 seen several times between Jan and 12/4. Judged by behaviour to be vagrant not escapee (SLL).

**SOUTH ISLAND KAKA** *Nestor meridionalis meridionalis*

Nelson, uneven distribution within forests. Speargrass, 30 feeding on flax flowers in Jan (PRW). Harwoods Hole, Canaan, 1 on 29/12. Bainham, Heaphy track, 2 on 18/12/87. Goulard Downs, 1 on 19/12/87 (CAF,CMM). West Coast, Mt Watson track, 1 on 12/11. Kerwin's track, 1 on 28/1. Mt Albert, 2 on 26/11. Tobin Range, 2 on 30/12, 1 on 1/1. Garvey Crk, 2 on 8/2. Inangahua R, 2 on 28/12. Rahu Saddle, 1 on 25/2. Otto R, 2 on 28/1. Waiuta, 1 on 13/5. Bullock Ck, 1 on 3/3 (FO,RS,PG). L Mary, Sth Westland, 1 on 2/9 (CAF,CMM). Present in low numbers in L Sumner FP: Upper Hurunui V, Boyle R Gorge, St James's, Christopher Stm, Nina V, Three Mile saddle (BB). Arthur's Pass, records from Hawdon V, Otehake V, Kelly's Crk, Taramakau V, Sth Branch Hurunui R, Ellis Stm, Cox R (MH). Bank's Pen, 1 vagrant at Akaroa in mid-winter. Pr present in Kowhai Bush, mid-Canterbury, still present in June after 18 months (CFJOD). Eglinton V, more seen than in previous years 9-12/1 (RAD). Stewart I., at foot of Thompson Ridge nr Freshwater R, 1 on 14/3 (VL). Common about Halfmoon Bay and Paterson Inlet end of Nov, but only 5 seen beginning of May (AA).

**KEA** *N. notabilis*

Nelson, usual widespread high country records with sightings also at lower altitudes. Wakefield, 1 at Brandy Crk in Sep (P Symes). West Coast, Mt Albert, 1 on 26/11. Tobin Range, 4 on 31/12. Campbell Range, 4 on 25/12. Harman Hut, 7 on 27/12 (RS,PG). Mt Haast, 6 + on 25/2 (FO). Lewis Pass, 2 at summit on 24/12 (AC). Arthur's Pass, 9 on 11/9. L Lyndon, 1 in Feb (PAL).

**EASTERN ROSELLA** *Platycercus eximus*

Sandy Pt, nr Invercargill, 1 July-Dec (LR).

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

Nelson, uneven distribution within forests. West Coast, Heaphy Track

(McKay-Heaphy huts), present on 12/1 (KS). Kirwin's track, several on 28/1. Garvey Crk, 1 on 8/2 (FO). Mt Thomas track, several on 30/12 (RS,PG). Rahu Saddle, several on 25/2 (FO). Otto R, 2 on 28/1 (RS,PG). L Daniells track, 6 recorded in 3 hours in Mar. Boyle Base, Lewis Pass, 7 in 20 min in April, 3 in silver beech, 4 in red beech (CFJOD). L Sumner FP, widespread in red beech but no longer common: Upper Hurunui V, Sth Branch Hurunui R, Three Mile Saddle, Nth side L Sumner, Lower Nina V, Doubtful V (BB). Arthur's Pass NP, records from Hawdon V, L Minchin, L Kaurapataka, Poulter V, Upper Hurunui V (MH).

**CHATHAM ISLAND RED-CROWNED PARAKEET** *C. novaezealandiae chathamensis*

Southern Chatham I., 161 birds in 12 500 ha during summer, in mature mixed broadleaf forest and areas with a high density of flax (AG *et al.*). Rangatira I., 1 feeding on dead prion on 12/7/86 (CMM).

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

Hawdon R, Arthur's Pass, 3 on 6/2 (CAF,CMM). L Mary, Sth Westland, 2 on 2/9 (CAF,CMM).

**CHATHAM ISLAND YELLOW-CROWNED PARAKEET** *C. auriceps forbesi*

Tuku Nature Reserve, Chatham I., 1 seen regularly in mature mixed broadleaf forest always in the same place and possibly nesting (AG *et al.*).

**ORANGE-FRONTED PARAKEET** *C. malherbi*

Hawdon R, Arthur's Pass, 1 with 3 Yellow-crowned Parakeets on 6/2 (CAF,CMM).

**SHINING CUCKOO** *Chrysococcyx lucidus*

Nelson, most records Sep – Feb. Rangiheta, first heard on 3/10 (EN). Richmond, first heard late Sep (JB). Charleston, 1 on 8/10, 4 on 5/11 (KS). Omotumotu, heard on 29/9 (RS,PG). Greymouth, 1 on 9/10, many until 26/12, 1 on 9/2 (CSL). Lottery R, Nth Canterbury, several calling from willows on 6/12 (AC). Hanmer, reported overwintering (DOC). Okuti V, Bank's Pen, 1 heard on 6/10 (KCH,SP). Southern Chatham I., 6 recorded in 12 500 ha during summer (AG *et al.*).

**LONG-TAILED CUCKOO** *Eudynamis taitensis*

Nelson, infrequent and then usually from high altitude beech forest. Occasionally from fringe of Nelson City. Stoke, 1 in Oct (JB). Goulard Downs, 1 on 19/12/87 (CMM). Blackball, 1 on 18/2. Omotumotu, first heard on 9/10. Te Kinga, 1 on 10/2. Arahura, 1 on 23/12. Mt Deelore, 1 on 15/1 (RS,PG). Ada Pass, 1 seen, others heard on 18/12 (BEE). Arthur's Pass NP, records from Bealey V, Hawdon V, Andrews V, Binser Saddle, Sth Branch Hurunui R (MH).

**MOREPORK** *Ninox novaeseelandiae*

West Coast, common in bush, bush margins and coastal areas. Arthur's Pass NP, records from Bealey V, Hawdon V, Poulter V, Waimakariri V at Anti Crow R, Sth Branch Hurunui R (MH). Gorge Rd, Southland, 1 heard 3/6/88, probably from bush 1 km away, unusual in this locality (SLL). Te Anau, Irishburn Hut, 1 heard 22/3 (VL).

**LITTLE OWL** *Athene noctua*

Frequent sightings throughout year from Christchurch, farmland around city and on Canterbury Plains (AC,PAL).

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

West Coast, common and breeding. Karamea, c.20 on 23/6 (CSL). Orowaiti, 21 on 25/6. Okari, 2 on 15/12, 9 on 25/6 (KS). Blaketown Lgn, 1 on 4/8, 22/6. Taylorville, present on 18/5. Sawyers Crk, heard on 6/9, 1 on 27/3, 30/3. Cashmere Bay, 2 on 25/5. Arahura, 1 on 17/3 (CSL). Many reports from Bank's Pen and Canterbury coastal wetlands late summer–winter (AC,KCH,SP). Rare in Canterbury high country, L Heron, 1 on 22/4 (CFJOD).

**SOUTH ISLAND RIFLEMAN** *Acanthisitta chloris chloris*

West Coast, well distributed in bush particularly at higher altitude. Twelve Mile Bluff, heard on 17/12 (CSL). Kirwin's track, common on 28/1 (FO). Montgomerie R, common on 15–16/4 (KS). Rahu Saddle, common on 25/2 (FO). Mt Watson track, 1 on 12/11, 3 on 26/11. Bullock Crk, 1 on 3/3. Camp Crk, 4 on 5/6 (RS,PG).

**ROCK WREN** *Xenicus gilviventris*

Garibaldi, Nelson, seen in Feb (SC,JJ). West Coast, present in alpine areas of open rock, well distributed in low numbers. Not known from the Paparoa Range. Mt Watson, 5 on 26/11. Campbell Range, 2 on 24/12, 25/12. Styx Saddle 2 on 9/3 (RS,PG). Arthur's Pass NP: Otira V, pr present in Feb (SJT) after absence of 18 months; records also from Temple Basin, Mt Cassidy, Mt Bealey, Upper Rolleston V, Waimakariri Col, Waimakariri Falls, Upper White V nr Barker Hut, Taipoiti V, Harman Pass, Koropuku Strm, Big Tops, Mt Koeti, Upper Poulter V, E Edwards V (MH).

**SKYLARK** *Alauda arvensis*

West Coast, well distributed and breeding on farmland. Christchurch, northward movement, 59/h from dawn to 10 a.m. on 5/4, 36/h on 19/4 (AC). Ko Oreao, Chatham I., common on 13–30/11/84 (AJDT). Southern Chatham I., 413 seen in 12 500 ha during summer in pasture, bracken fields and coastal dune areas (AG *et al.*).

**AUSTRALIAN TREE MARTIN** *Hylochelidon nigricans*

Te Whanga Lgn, Chatham I., 1 on 22/11 (AG *et al.*).

**WELCOME SWALLOW** *Hirundo tahitica neoxena*

West Coast, well distributed in lowland areas. Karamea, many on 23/6. Corbyvale, c.10 on 6/2 (CSL). Orowaiti, 12 on 25/6. Okari, 2 on 25/6 (KS). Meybill Bay, c.8 on 6/2. L Ryan, 2 on 10/11, 3 on 26/4, 1 on 22/6. Taylorville, 3 on 18/5. Cobden Lgn, 1 on 7/7, 2 on 22/6. Greymouth Airfield, 3 on 22/6. Kokiri, 2 on 1/11. Arnold Dam, c.10 on 26/12. Kotuku, 3 on 25/5. Mikonui, c.25 on 29/6 (CSL). Christchurch, northward movement of 106/h on 5/4, 127/h on 19/4; 1 pr nested under roof of shopping centre and fed by hawking insects above carpark several km from nearest water (AC); pr roosting in old nest in June (PR). Bromley SP, large numbers April–June, max 276 on 30/6 (AC,PAL). L Ellesmere, max 353 in May. Continue to expand into Canterbury high country: L Emily, 4 on 22/4, L Clearwater, 2 on 22/4 (CFJOD). Te Anau, 1 possibly 2 pr bred Dec. Thornbury, 2 pr. Round Hill, near Colac bay, 2 pr (MLB). Te Whanga Lgn, Chatham I., 6 on 22/11 (AG *et al.*).

**NEW ZEALAND PIPIT** *Anthus novaeseelandiae*

West Coast, well distributed in alpine areas and on beaches. Greymouth B, 3 on 20/7 (CSL). Open Bay I., 1 on 28/3/88 (CMM). Arthur's Pass NP, present on most alpine tops during summer and on open river beds (MH). Common on Port Hills of Christchurch and Bank's Pen, small numbers around Avon-Heathcote Est and L Ellesmere from late summer to winter (AC, KCH, PAL, SP). Mason Bay, Stewart I., 20 in 7.5 km, beginning May (AA). Southern Chatham I., 236 counted over 12 500 ha during summer in pasture, bracken fields and coastal dune areas (AG *et al.*). Star Keys, Chatham Is, common on 10/2/88 (AJDT).

**HEDGE SPARROW** *Prunella modularis*

New R, West Coast, 1 on 2/7 (RS, PG). Goldsborough, 2 on 8/3 (CSL). Southern Chatham I., 221 in 12 500 ha during summer in forest and mature scrublands (AG *et al.*). Star Keys, Chatham Is, 3 on 10/2/88 (AJDT).

**SOUTH ISLAND FERNBIRD** *Bowdleria punctata punctata*

West Coast, common in low vegetation up to 1300 m. German Tce, 3 on 18/4 (KS). Mt Ryall, 2 on 19/2. Bullock Crk, 1 on 3/3 (RS, PG). Arahura V, present on 15/5 (FO). Mt Allen, Otago, 2 in kanuka and young *Pinus radiata* on 3/9 (KV&JM). Akatore, small colony on 11/6 (PG). Goat Pass Hut, Arthur's Pass NP, 1 seen in subalpine scrub on 1/3 in tussock, *Cassinia*, and *Dracophyllum* (P Simpson).

**STEWART ISLAND FERNBIRD** *B. punctata stewartiana*

Chocolate Swamp, 1 at beginning May (AA).

**BROWN CREEPER** *Finschia novaeseelandiae*

Rahu Saddle, 20 on 28/8. Lewis Pass tarn, c.30 on 28/8 (AC). Maui St, Kaikoura, 1 on 2/2, 2 on 18/2, 3 on 14/2 (BEE). West Coast, Mt Watson track, 1 on 12/11 (RS, PG). Goldsborough, 9 on 8/3. L Kaniere, c.12 on 19/2 (CSL). Bullock Crk, 1 on 3/3 (RS, PG). Waiuta, several on 13/5 (FO). Mt Te Kinga, 14 on 29/5 flocking with Silvereyes, Fantails and Bellbirds. Mt Tuhua, 6 on 4/6. Camp Crk, 12 on 5/6. Mt Baron, c.8 on 17/6 (RS, PG). L Ida, several on 24/2 (PAL). Bank's Pen, many reports eg Okuti V, 6 on 10/9; Takamatua V, 38 in ngaio tree on 14/3; Hinewai Reserve, several flocks on 14/3 (KCH); Akaroa, 20 + on 11/3 (PR). Waimate, common in inland bush on 30/8/86 (AJDT). Te Anau, Kepler Track, 5 flocks between Irisburn and Moturau Huts on 22-23/3 (VL). Forest Hill, nr Winton, found in only one place in 2 visits in Nov (MD, MLB); all through bush early Dec (LE), 26 in 13 groups on 26/12 (OSNZ party).

**YELLOWHEAD** *Mohoua ochrocephala*

L Sumner FP, first record since 1960s: Kiwi Stm, 2 flocks of 12 & 9 on 6/4 (BB), Upper Hurunui V above Cameron Stm, 9 on 24-25/11. Sth Branch Hurunui R below Roche Pass, 1 on 23/11. Records from Otehake V, Cherrywood Stm and unconfirmed records from Edwards V, Bealey V (MH). Family groups and flocks of up to 20 in all parts of E Blue Mts. Most observed in 2 km of Rankleburn V with 40 at 25 sites in Nov (MRF). Catlins SF, birds thinly distributed throughout, 5/12 & 8/12 (DOC). The Wisp, Catlins R, 4 prs, 1 with 4 newly fledged chicks in 1.5 km of riverside track on 23/12 (DJO). Te Anau, Kepler Track, 3 groups encountered: Irisburn Hut, c.20 all day 22/3 and heard again 0700 h on 23/3, Laceration Crk, 12-15 on 23/3, 3 km past Rocky Pt, 8-10 on 23/3 (VL).

**GREY WARBLER** *Gerygone igata*

West Coast, common and breeding. Bullock Crk, 1 on 3/3 (RS,PG). Waiuta, several on 13/5 (FO). Pt Elizabeth, several on 12/8. Greymouth, several on 7/4. Arnold Dam, 2 on 26/12. Goldsborough, 18 on 8/3. L Kanieri, 5 on 19/2. Kanieri, 4 on 5/4 (CSL).

**CHATHAM ISLAND WARBLER** *G. albofrontata*

Southern Chatham I., 434 in 12 500 ha in forest during summer (AG *et al.*). Star Keys, c.5 on 10/2/88 (AJDT).

**SOUTH ISLAND FANTAIL** *Rhipidura fuliginosa fuliginosa*

West Coast, common in bush. Waiuta, several on 13/5 (FO). Rapahoe B, 1 on 28/7. Pt Elizabeth, 1 on 11/8. Greymouth, 1 on 25/12, 15/2. Goldsborough, 2 on 8/3. L Kanieri, 1 on 19/2 (CSL). High mortality in Southland during exceptionally wet winter and early spring. Breeding by remnant populations began second week Nov when rain eased off. By Jan single imms in willows and small flocks of 5-8 imms in a few bush areas indicated late but successful breeding. Eglinton V, none seen 9-12/1 (RAD). Kepler Track, Te Anau, 20 on 22-23/3 (VL). Forest Hill, 2 on 26/12 (OSNZ party). Gorge Rd, 2 on 27/5 (SLL). Stewart I., Halfmoon Bay to Mason Bay, 3 at New Year (LE). Golden Bay to Ryan's Crk, 1 in 5 hours over 8 km on 25/1. Ulva I., 3 ad, 3 imm in 5.5 hours on 26/1 (C&LA). Stewart I., 6 in 3 days in mid March (VL).

**CHATHAM ISLAND FANTAIL** *R. fuliginosa penitus*

Correction to CSN, 1986: Cascade Gorge, common on 9-12/1/85 (AJDT). Southern Chatham I., 459 in 12 500 ha during summer found in any area with forest or scrub (AG *et al.*).

**YELLOW-BREASTED TIT** *Petroica macrocephala macrocephala*

West Coast, occasional in bush. Karamea Bluff, 2 on 6/12 (CSL). Montgomerie R, present on 15-16/4 (KS). Otto R, present on 28/1. Bullock Crk, 1 on 3/3 (RS,PG). Waiuta, several on 13/5 (FO). Croesus track, 1 juv on 18/2 (RS,PG). Pt Elizabeth, 1 on 11/8. Kanieri, many heard on 5/4. Mikonui, 1 on 29/6 (CSL). Otanerito Bay, Bank's Pen, 2 in native forest remnant on 14/3 (KCH,SP). Forest Hill, near Winton, 2 ad, 4 imm on 26/12 (OSNZ party).

**CHATHAM ISLAND TIT** *P. macrocephala chathamensis*

None seen during survey of 12 500 ha of Southern Chatham I. during summer (AG *et al.*).

**SOUTH ISLAND ROBIN** *P. australis australis*

Harwoods Hole, Canaan, 20 on 29/12 (CAF,CMM). Nth Westland, very occasional in bush. Kirwin's track, present on 18/1 (FO). Montgomerie R, present 15-16/4 (KS). Rahu Saddle, present on 25/2. Waiuta, present on 13/5 (FO). Lottery Bush, Nth Canterbury, female on 13/1 in manuka, first record for this area (BB). Arthur's Pass NP, records from Sth Branch Hurunui R, Bealey V, Klondyke Corner, Deception V, and Hawdon Shelter, pr with juv on 19/1 & 24/2 (MH). Te Anau, Kepler Track, 5 seen, 1 more heard on 22-23/3 (VL).

**STEWART ISLAND ROBIN** *P. australis rakiura*

Freshwater Hut to Chocolate Swamp, 2 seen, 6 calls heard on 15/3 (VL). Freshwater to Mason Bay, 6 territories in early May, all in tall manuka (AA).

**BLACK ROBIN** *P. traversi*

Rangatira I. & Mangere I., Chatham Is, 57 in Oct increasing to 98 in Feb after summer breeding programme (AG).

**SONG THRUSH** *Turdus philomelos*

West Coast, common in developed areas throughout the year. Otatara Rd, near Invercargill, on newly cultivated (first time for many years) paddock, 106 foraging on 25/12, with 2 Blackbirds. 60+ on 28/12 with 6 Blackbirds and 14 Starlings (MLB). Southern Chatham I., 20 in 12 500 ha mainly in scrub and bush near human habitation during summer (AG *et al.*).

**BLACKBIRD** *T. merula*

West Coast, common up to 1500 m. Mating from 30/7 (CSL). Southern Chatham I., 276 in 12 500 ha in bush and dense scrub during summer (AG *et al.*). Star Keys, Chatham Is, c.5 on 10/2/88 (AJDT).

**SILVEREYE** *Zosterops lateralis*

West Coast, common throughout the year. Greymouth, first flocks for winter on 6/5 (CSL). Southern Chatham I., 1110 in 12 500 ha, flocks in most forest and scrubland during summer (AG *et al.*).

**BELLBIRD** *Anthornis melanura*

West Coast, common in bush and gardens. Waiau, 2 eating apples in garden on 6/6 (JC). Okuti V, Bank's Pen, 5 on 10/9 (KCH).

**TUI** *Prosthemadera novaeseelandiae novaeseelandiae*

West Coast, common in bush and gardens. Arthur's Pass NP, records from Taramakau V, Upper Bealey V on 2/1, Waimakariri V, on Mt Horrible on 19/10, very rare E of main divide.

**CHATHAM ISLAND TUI** *P. novaeseelandiae chathamensis*

Southern Chatham I., only 30 seen in 12 500 ha during summer in mature mixed broadleaf forest and areas with dense flowering flax (AG *et al.*).

**YELLOWHAMMER** *Emberiza citrinella*

West Coast, L Ryan, 3 on 20/10, 9 on 24/5, 7 on 22/6 (CSL). Avon-Heathcote Est, present during winter, first arrived in second week of April, many move north through the area in April and May (AC).

**CIRL BUNTING** *E. cirrus*

Wharariki B, Farewell Spit, 1 pr on 3/1/88 (CMM). Nelson, regularly seen during winter on Nelson Haven saltmarshes and Polstead Rd, Stoke, on sportsfield and adjacent farmland. Also present on Waimea West farmland and several Atawhai gardens in Sep-Oct (KDQ,ZW). Wairau Lgn walkway, 11 birds, mainly males feeding in ones & twos on *Salicornia* seed on 26/6 (WFC). Manuka Bay, Nth Canterbury, 1 on 7/8 (PAL). Avon-Heathcote Est, small numbers present in farmland, pine plantations and sand dunes from May to Aug (AC). Hoon Hay V, Christchurch, breeding Dec – Jan (PR). Wolf's Rd, L Ellesmere, 1 male on wire fence on 20/4 (KCH). Taieri R, nr Henley, 1 pr first noted on 16/10, up to 8 singing males along 4 km of river during the summer. Birds still present in June. Also at nearby Waiholo, 1 male singing on 18/10, 1 female on 22/10, 1 male on 3/11. Berwick, 1 female on 22/4 (DJO).

**CHAFFINCH** *Fringilla coelebs*

West Coast, common in gardens, farmland and coastal areas. Molloy Crk, 7 on 1/11. Arnold Dam, many on 26/12. Goldsborough, 1 on 8/3 (CSL). Arthur's Pass, flocking in the second week of Feb, grps of c.60 in mountain & red beech forest (CFJOD). Southern Chatham I., the most numerous species recorded during summer survey with 1201 in 12 500 ha (AG *et al.*).

**GREENFINCH** *Carduelis chloris*

Greymouth, 1 on 2/7, 17/8, 19/8, 27/8. Arnold Dam, 3 on 26/12 (CSL). Christchurch, northward movement of 20/h on 19/4 (AC); 100s–1000s feeding at city grainstores Aug-Sep (PAL). Southern Chatham I., only 5 birds in 12 500 ha during summer (AG *et al.*).

**GOLDFINCH** *C. carduelis*

West Coast, Arnold Dam, many on 26/12 (CSL). Christchurch, northward movement of 106/h on 5/4, 127/h on 19/4 (AC). Southern Chatham I., only 14 birds in 12 500 ha during summer (AG *et al.*).

**REDPOLL** *Acanthis flammea*

West Coast, occasional in subalpine areas. Bullock Crk, 1 on 3/3 (RS,PG). Pt Elizabeth, 1 juv on 11/8. Arnold Dam, many on 26/12. Okarito, 1 on 29/6 (CSL). Arthur's Pass, flocking in second week of Feb, grps of up to c.150 in mountain beech forest (CFJOD). Ko Oreao, Chatham I., very common on 13-30/11/84 (AJDT). Southern Chatham I., numerous with 655 in 12 500 ha during summer, mainly in scrublands and bracken fields (AG *et al.*).

**HOUSE SPARROW** *Passer domesticus*

Kaikoura township, 1 pure white with yellow beak in Dec (BEE). West Coast, common except in bush and alpine areas. Mating from 30/7. Punakaiki B, 5 on 29/7. L Ryan, c.100 on 4/3 (CSL). Southern Chatham I., only 13 seen around human habitation during summer (AG *et al.*).

**STARLING** *Sturnus vulgaris*

West Coast, Seal I., 5 on 6/12 (KS). Punakaiki B, 2 on 29/7 (LC). Greymouth Airfield, c.40 on 7/7, 20/7, c.150 on 25/8, c.40 on 19/10, c.20 on 10/11 (CSL). Ko Oreao, Chatham I., several on 13-30/11/84. Southern Chatham I., 276 seen in 12 500 ha mainly in modified areas, pasture and regenerating scrub (AG *et al.*). Pinnacle Islets, Chatham I., several on 22/11/84. Star Keys Islets, c.6 including a fledgling on 10/2/88 (AJDT).

**WHITE-BACKED MAGPIE** *Gymnorhina tibicen hypoleuca*

Nelson, absent from Golden Bay and most of Waimea Plains. A few resident birds at Tapawera–Tadmor. Kohatu, 1 with young on 24/10 (GDQ). Springs Junction to Shenandoah, 28 on 28/8 (AC). West Coast, Inchbonnie, 26 on 19/4. Taylorville, 2 on 18/5, Kokatahi, 5 on 21/8 (CSL).

**BLACK-BACKED MAGPIE** *Gymnorhina tibicen tibicen*

Central West Coast, occasional on farmland. Kokatahi, 2 on 21/8. Matai, 1 on 17/3. Inchbonnie, 1 on 19/4 (CSL). Milltown, 3 on 17/12 (RS,PG).

**ROOK** *Corvus frugilegus*

Ward, 1 on 27/3 (TJT). Hororata, 6 on 26/3 (CMM). Hilltop, Bank's Pen, 32 flying from Akaroa to Little River on 17/8. Cooptown, 14 on 17/8

(AC). Motukarara, c.100 on 20/8. Greenpark, c.100 on 30/7 (PAL). Embankment Rd, Ellesmere, 60 in paddock on 27/3, 100+ on 16/12. Springs Rd, Ellesmere, 30 in gum trees on 7/8, 50+ nesting on 23/8 (AC,KCH,SP). Clydevale, Clutha R, c.30 on 19/11 (KCG,DJO).



## OBITUARY

### CAPTAIN J.A.F. JENKINS 1928–1989



Born at Griffithstown, John Jenkins attended West Monmouth Grammar School and began his sea-training at the Cardiff Navigation School. As a junior officer he served with the Deane Shipping Company and the Blue Star Line, making many voyages, especially to South America. Later in life he was wont to regret the opportunities he missed because in his early days at sea he had not developed what was to become an absorbing interest in marine ornithology.