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SCOTTISH BIRD REPORT



1982

Edited by: Roy H. Dennis

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21 Regent Terrace,
Edinburgh EH7 5BT**

THE SCOTTISH ORNITHOLOGISTS' CLUB

The S.O.C. was formed in 1936 with the aim of encouraging ornithology in Scotland. The Club has nearly 3,000 members and 13 Branches around Scotland. Each Branch has a programme of winter lectures and field trips throughout the year. An annual conference is held in the autumn.

The objects of the Club are (a) to encourage the study of Scottish ornithology and to promote interest in wild birds; (b) to co-ordinate the activities of Scottish ornithologists and encourage co-operation between amateur and professional; (c) to encourage ornithological work in Scotland in co-operation with other organizations; (d) to encourage conservation of Scottish birds and protection of threatened and rare species; (e) to hold meetings for discussion and the presentation of papers and informal contributions, and to arrange ornithological field meetings; (f) to appoint local recorders and publish material relating to Scottish ornithology, including *Scottish Birds*, the club journal.

Membership of the S.O.C. is open to anyone interested in Scottish ornithology.

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Further details of the Club and its activities, membership application forms and copies of the latest Book Catalogue are obtainable from the Scottish Ornithologists' Club, 21 Regent Terrace, Edinburgh EH7 5BT, Scotland, (Tel. No. 031-556 6042).

SCOTTISH BIRD REPORT

1982

Part of Scottish Birds Volume 12

Edited by ROY H. DENNIS

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Assisted by Alan Brown, Pete Ellis and Angus Hogg.

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INTRODUCTION

1982 was another interesting year for bird-watchers in Scotland; a total of 315 species were identified during the year and recorded in this report. Over 85 rare birds were recorded and 31 of these were represented by only a single individual. Nine species were considered to have escaped or been released from captivity or were of doubtful origin. The one new bird added to the Scottish List was an American Redstart on Islay.

Year	77	78	79	80	81	82
No. of species recorded	305	298	323	315	325	315
No. of new species	4	2	6	4	1	1

Other rare vagrants included American Bittern, Little Egret, Black Duck, Ferruginous Duck, Red Kite (2), Montagu's Harrier, Baillon's Crake, Greater Sand Plover, Baird's Sandpiper (2), Spotted Sandpiper, Bonaparte's Gull, Ross's Gull, Rufous Turtle Dove, Roller, Grey-cheeked Thrush, Black-throated Thrush, American Robin, River Warbler (2), Lanceolated Warbler (3), Woodchat Shrike, Rosy Starling, Serin, Tennessee Warbler and Yellow-rumped Warbler.

Arrivals and Departures of summer visitors:

	Arrival	Departure
Osprey	28 March	19 October
Corncrake	24 April	7 October
Whimbrel	23 March	20 October
Common Sandpiper	5 April	26 November
Cuckoo	18 April	17 September
Swift	26 April	6 November
Sand Martin	25 March	7 November
Swallow	23 March	20 November
House Martin	28 March	15 November
Tree Pipit	14 April	18 October
Redstart	8 April	5 December
Whinchat	19 April	13 November
Wheatear	5 March	14 November
Sedge Warbler	6 April	12 October
Whitethroat	22 April	14 October
Garden Warbler	16 April	12 November
Willow Warbler	1 April	30 November
Spotted Flycatcher	7 April	15 October

After a cold winter, some small birds such as Wrens were very scarce. Colder weather which returned at the end of March delayed spring arrivals and early nesters. It was an average nesting season; Ospreys reared 45 young, the best since recolonization. There was an influx of Quail and several reports of breeding were confirmed. Ruddy Ducks increased; Scarlet Rosefinch bred for the first recorded time and two broods of Bramblings were found, the first proved successful nesting. Choughs were

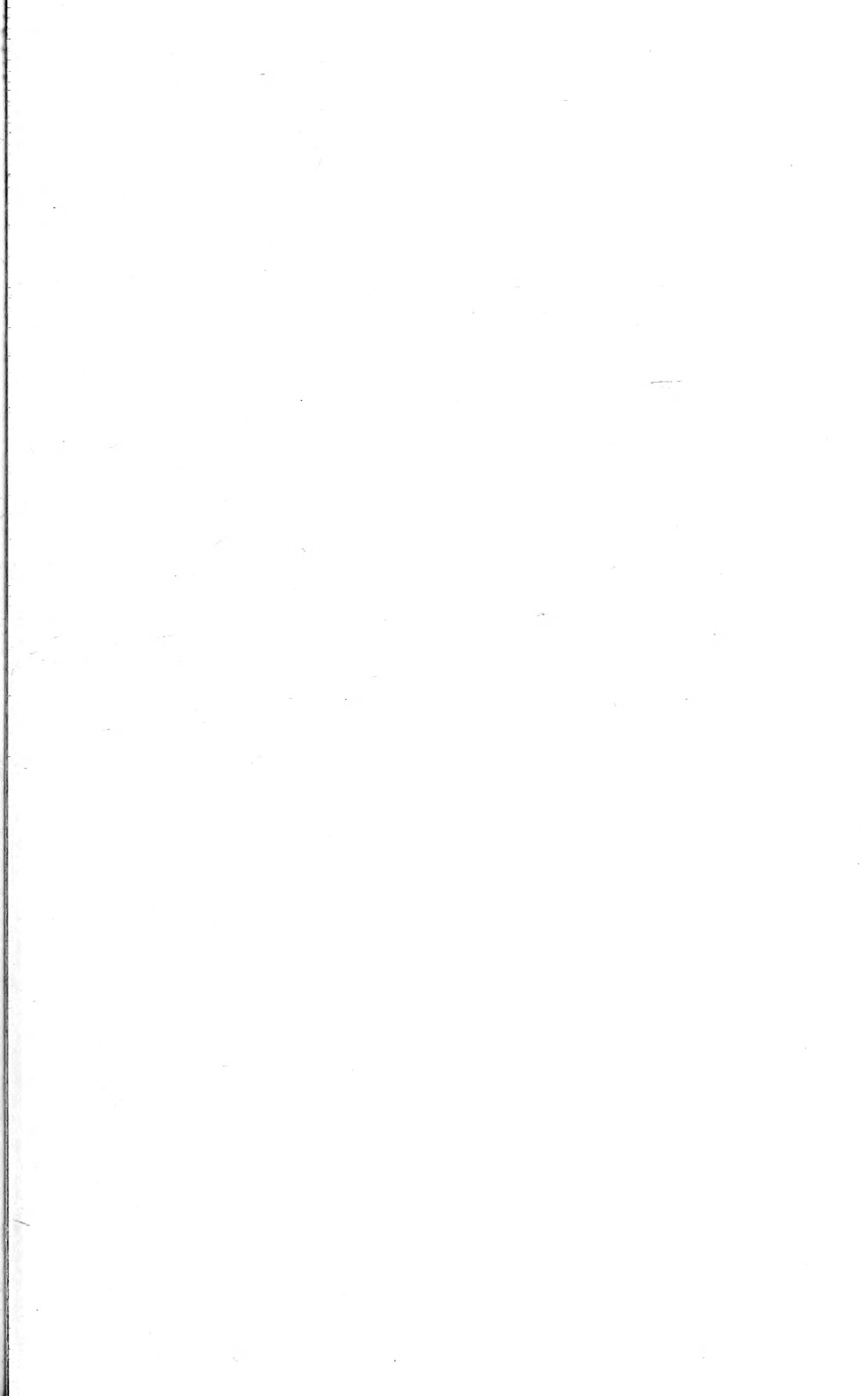
censused and at least 200 birds were located, while the first ever complete survey of Golden Eagles revealed 424 pairs.

It was a poor wader passage, but this was made up for by an incredible fall of continental migrants on the east coast in mid-October when at least 15000 Goldcrests arrived on the Isle of May on 11 October. Rarities were much in evidence, especially Pallas's Warblers which reached a total of between 55 and 60 individuals. There was also an invasion of Parrot Crossbills—the first since 1962. Iceland Gulls occurred during the year in good numbers; Marsh Harriers and Rough-legged Buzzards were also above average but Garganey were low.

Notes on compilation: This report is published by the Scottish Ornithologists' Club and should be regarded as part of Scottish Birds Volume 12 (and can be bound with that volume). For new recorders it should be noted that the report is a concise (and at times terse) summary of data collected on all species known to have occurred in Scotland in 1982 and no attempt is made to define the ordinary status of most species. Precedence is given to peak numbers, migration patterns, first and last dates, records in unusual areas etc. All records of semi and national rarities are given while for some species the data has been summarised in table form. For further information readers can refer to *The Birds of Scotland* (Baxter & Rintoul 1953) or previous Scottish Bird Reports which are still available from the Secretary.

As before we stress that observer cover in various regions of Scotland ranges from very good to pretty thin and care should be taken in comparing numbers and regional distribution, especially of migrants. Generally speaking, the Northern Isles, the North Sea coast, central Scotland and the Clyde/Solway areas are better covered than elsewhere, but there are pockets of good cover in most regions. For some areas, more information is published and greater detail given in local bird reports. Although much local information cannot be published here, the collection of records by the local recorders provides a most useful fund of reference data for regional ornithology.

In conclusion, I apologise for the late appearance of this report, which has been due to various problems. The task of compiling the annual SBR has grown considerably since 1970 when I took over the editing of report number 3. We are now up to report number 15 and I have decided to retire. Angus Hogg, who along with Alan Brown and Pete Ellis has assisted with the compilation of this report, has taken on the task of producing the 1983 report. I wish him well with what is really a very interesting project and I look forward to helping him, especially as I will continue to collect and summarise Rare Breeding Bird records.



ACKNOWLEDGEMENTS

We would like to thank everyone who has contributed or helped with the 1982 report, including the observers who sent in the records and especially the local recorders who collated the records and produced the area reports.

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ABBREVIATIONS AND SYMBOLS IN THE SPECIES LIST

all known records are given *
of escaped or doubtful origin †

male ♂ males ♂ ♂
female ♀ females ♀ ♀

§ still subject to British Birds Rarities Committee decision—all records given here of species that come within the scope of the British Birds Rarities Committee have been accepted by the committee unless noted as subject to acceptance. Records of species not on that list but regarded as rare in Scotland have required adequate supporting evidence before publication.

We appeal to observers to submit descriptions of rare and unusual species to the local recorder as soon as possible, preferably on an unusual record form, obtainable free from the local recorder.

County names are shortened, e.g. Shet = Shetland, Wig = Wigtown-shire etc. In fact much abbreviation has been used, e.g. months, and qualifications such as 'near' and 'about' have been omitted.

The sequence and names in the species list follow Prof. K.H. Voous (1977, List of Recent Holarctic Bird Species) as published in the 'British Birds' List of Birds of the Western Palearctic.

LIST OF OBSERVERS

Over 100 observers contributed records to the local recorders in 1982 and we are extremely grateful to them. Not all contributors are mentioned in this list, since in many cases records were summarized before submission to us; my apologies to those omitted.

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R. Zawadski, B. Zonfrillo.

SPECIES LIST

Red-throated Diver *Gavia stellata* Breeding: varied success Shet where 36 chicks found in survey area (54 in 1981); Ork, 8 young reared on monitored lochs is low; Suth, good breeding season in N—2 young reared from 3 prs Handa; Inv, 3 nests Balmacaan Forest; 10 prs Arran. Peak counts and passage: Shet, 26 Yell Sound 12 Jul; Fair Isle, few 18 May-4 Nov; Ork, 1st on 16 Feb, 28 Loomachun Evie 3 Aug; Suth, 166 Embo-Dornoch 23 Oct; Moray, 94 Spey Bay 14 Nov; Aber, 240 Menie-Ythan 23 Oct, 239 Don-Balmedie 14 Nov; Fife; 50 St Andrew's Bay-Kinshaldy 15 Feb; Midl, 28 Joppa-Seafield 19 Oct; E Loth, 60-68 Gullane Bay Feb-early Apr; Borders, 1 near Kelso 25 Oct; Arg, 17 L na Keal, Mull 17 Jan; Ayr, 50 Finnarts Bay-Girvan 21 Mar; Wig, 16 L Ryan 4 Apr.

Black-throated Diver *Gavia arctica* Breeding: Caith, 5 prs reared 3 young; Perth, 3 prs each reared 1 young; W Stir, pr reared 1 young-1st time ever; none bred Ayr, Arran. Shet, 9 records of singles 23 Mar-10 Dec, Ork, 7 Hobbister 1 Jan, 20 Echnaloch Bay 3 May; Caith, 6 Sinclair's Bay 6 Mar; Suth, 10 Embo- Dornoch 23 Oct; Inv, 1 L Insh 6 Dec; Fife, 12 Fife Ness 16 Apr; E Loth, 5 Gullane 23 May; Ayr, 9 Doonfoot-Gailes 20 Mar.

Great Northern Diver *Gavia immer* Winter-spring peaks: Shet, 55 Fetlar 1 Apr, 50 Yell 13 May; Ork, 53 Bring Deeps 10 Mar, 120 Gairsay Sound 1 Apr; Caith, 6-7 Sinclair's Bay 27 Mar; small nos to S; Aber, 7N Peterhead 26 Apr; Arg, 35 Gigha-W Loch Tarbert 22 Mar; Arran, 3N Glen Sannox 8 May; Ayr, 5 Ballantrae-Girvan 21 Mar; Wig, 6 Monreith-Port William Jan. Notable summer records: Arg, 2 Mull 20 Jul; Ayr, 2 Kennedy's Pass 8 Jun: 1 inland loch Suth 27 May.

Autumn: Shet, 22 Bluemull 24 Nov; Ork, 30 Egilsay 30 Oct; Arg, 13 Mull 15 Oct; Borders, 2 St Abbs 25 Sep; Wig, 3 L Ryan 13 Nov, 1 L Magillie 14 Nov-31 Dec.

***White-billed Diver** *Gavia adamsii* Three in Shet: one Whalsay from 1981 to 24 Mar (Dr B. Marshall *et al*), probably same near Vidlin 14 Feb (B. P. Walker) and North Nesting 24 Apr (P. J. Ewins)§; one Wedder Holm, Unst-Yell 13 May (R. J. Tulloch) and one Quendale 18 May (Sir R. Erskine-hill *et al*).

Little Grebe *Tachybaptus ruficollis* Breeding success varied: Dunb/W Stir/Renf, ave brood size 2 from 30 prs; Glas, 16 prs reared 17 young Strathkelvin District; Ayr, 3 prs reared 9 young; poor success Fife, Borders. Counts and passage: Shet, absent 8 Apr-3 Oct; W Loth, 35 Linlithgow 17 Oct; W Stir, 25 Bardowie L 12 Sep; Glas, 31 Johnston L 26 Sep; Lan, 48 Stepps 3 Oct; Ayr, 14 Shewalton 22 Aug.

Great Crested Grebe *Podiceps cristatus* Breeding: Dumf, 14 young Lochmaben 16 Jul; Kirk, 12 prs reared 13 young; Ayr, 3 prs reared 6 young; Lan, 5 prs reared 11-4 prs failed; Dunb/W Stir/Renf, 19 prs reared 10; no success Borders; Loth, varied success-20 young Linlithgow 3 Aug; Fife, 16 prs reared 20+ young; Kinr, 30 prs L Leven; Perth, 11 prs reared 11+ young; Aber, pair failed, but 1 young fledged from 2 prs at another site. Counts and migrants: Shet, 1 Laxo Voe 23 Jan; 1 Fair Isle 14 Nov; Suth, 3 Embo 14 Nov; Ross, 1 L Eye 24 Oct; Fife, 183 St Andrew's Bay 7 Feb; Kinr, 66 L Leven 3 Oct; Midl, 150 Silverknowes 9 Mar, 593 Joppa-Seafield 13 Dec; E Loth, 42 Gullane 4 Sep; low nos elsewhere; Dunb, 12 Ardmore 10 Oct; Renf, 24 Lochwinnoch 1 Apr; Ayr, 10 Barassie 2-31 Dec; Dumf, 44 Lochmaben 28 Mar.

Red-necked Grebe *Podiceps grisegena* Winter-spring: Shet; 4 singles 11 Jan-20 Mar; Ork, 1 Deer Sound 7 Mar, 1 Waulkmill 14 Mar; O Heb, 1 N Uist 6 Jan, 6 Mar; Caith, 1 Scotland's Haven 14 Feb; Moray, 1 Burghead Bay 20 Feb; Aber, 2N Peterhead 24 Jan; Angus, 2 Stannergate 17 Jan; low nos elsewhere; Fife, 4 Largo Bay 15 Apr; Midl, 3 Musselburgh 8 Mar; E Loth, 2 Aberlady 17 May; Dunb, 2 Ardmore 23 Jan; Arran, 1N Glen Sannox 3 May; Ayr, 1 Finnarts Bay 21 Mar; Wig, 1 Cairnryan 24 Jan; Dumf, 1 R Annan 12-15 Jan. Summer, 1 ad at inland loch 12 Apr-8 June. Autumn: Shet, singles Skerries 8 Sep, Tingwall 13 Dec; Ork, 1 Echnaloch 19 Oct, 7 Nov; 19 Embo 28 Nov; Aber, 1 Ythan 9-26 Nov; Kinr, 1 Vane Farm 25 Sep; Midl, from 26 Aug, 4 Musselburgh 17 Nov; E Loth, 28 Gosford 18 Sep; Borders, 1 St Abbs 16 Oct; Dunb, 1 Ardmore 8 Dec; Lan, 1 Calderbank 28 Oct-14 Nov; Ayr, 1 Troon 20-28 Dec.

Slavonian Grebe *Podiceps auritus* Breeding: at least 46-54 pairs in Inv (but not complete census) reared 16-24 young; Moray, 4 pairs reared c 7 young; Perth, one pair usual site but no young, non-breeding reports from 3 other lochs.

Counts and migration: Shet, 15 Whiteness Voe 30 Mar, 15 Catfirth 4 Apr; 1 killed by gulls Fair Isle 2 Oct-2 on 16 Oct; Ork, max 22 Scapa Flow 11 Jan; Suth, 9 Embo 29 Nov; Aber, 2 Strathbeg 29 Sep; Fife, 10 Tentsmuir 7 Mar; Midl, max 13 Musselburgh 14 Feb; E Loth, peaks 65 Gosford-Gullane 24 Jan, 48 on 20 Mar; Borders, 2 Cove 17 Jan; Arg, 12 L na Keal, Mull 14 Nov, 12 L Indaal, Islay 11 Dec; Ayr, 2 Barassie 30 Nov; Wig, max 4 L Ryan 13, 20 Nov; Dumf, 5 Lochmaben 16 Oct.

Black-necked Grebe *Podiceps nigricollis* Breeding: 3 prs with 5 young at usual site 7 Aug, pr with no young at second site; one pr with 3 young at western site. Migrants: O Heb, 1 S Uist 1 Nov-1st record for area; Midl, 2 Joppa 23 Mar, 1 Musselburgh 21 Feb, 6 Mar, 10-15 Aug, 10 Oct; E Loth, 1 Gosford 4 Apr, 7 Nov; Borders, 1 dead Hule Moss 11 Sep; Arg, singles L Cuin, Mull 20 Jan, West L Tarbert 31 Mar, L Indaal, Islay 11 Dec; Dunb, 1 Endrick Mouth 14 Feb-1 Mar; Wig, max only 3 L Ryan 14 Mar, 20 Nov.

***Black-browed Albatross** *Diomedea melanophris* Adult again summered on nest at Hermaness gannetry, present between 14 Feb and 10 Sep (C. Guy *et al*).

Fulmar *Fulmarus glacialis* Breeding: Shet, 6085 ads on nests in monitored area Noss; Ork, 100 nest sites N Fara, 200 birds Pentland Skerries 6 Jun; O Heb, egg taken from 1st inland Lewis nest; Aber, 495 sites checked, 192 fledged; Fife, 3 prs bred Benarty Hill; decline I of May, only 58 chicks; Midl, 1 young Torphin quarry 27 Aug; 914 sites Forth Is; Inv, 548 sites Canna, 694 sites Rhum; decrease Arran to 154 sites; Ayr, continued poor success. Blue-phase birds: Shet, 8 Fetlar Mar; regular Fair Isle Aug-Oct; Ork, 17 sightings 8 Jan-24 Oct; Aber, max 30 sightings Feb-Dec; singles Caith, E Loth, Borders. Passage peaks: 30,000 Fair Isle 20 Mar; Ork, 1800W/hr Papa Westray 21 Aug; Caith, 3000 Duncansby Head 9 Feb; Aber, 1200N/hr Peterhead 10 Jun; E Loth, albino Aberlady 30 Aug, Skateraw 5-15 Sep.

***Cory's Shearwater** *Calonectris diomedea* One Brough of Birsay, Ork 27 Aug (E. J. Williams). Large Shearwaters (Great/Cory's): one Fair Isle 14 Sep; 2N Troon, Ayr 9 Aug, 1N Troon 18 Aug, 2 Troon 19 Aug, 1N Troon 22 Aug, 1S Troon 12 Sep—the Ayr records were thought to be probably Cory's rather than Great Shearwaters.

Sooty Shearwater *Puffinus griseus* Very low nos 6 Apr-11 Dec. Max counts and passage: Shet, 21 individuals 21 Aug-29 Sep; Fair Isle 6 Apr, 15 Aug-5 Oct, max only 2 on 21 Sep; Ork, max 15W/hr Papa Westray 21 Aug, 20 Sanday 17 Sep, last 1 Brough of Birsay 16 Nov; Suth, 3 Handa 18 Aug; Aber, max 15N Peterhead 16 Sep-last 1 on 11 Dec; Fife, max 4 Anstruther 3 Sep; E Loth, 35 Skateraw 5 Sep; Arg, 13 Mull-Tiree 6 Sep; Ayr, 1 Ballantrae 4 Jul, 4N Troon 21 Sept.

Manx Shearwater *Puffinus puffinus* Breeding: little data, Arg, birds ashore Mull of Kintyre Jul; Inv, poor season Canna due to rats—2% of sample sensus reared chicks. Counts and passage: Set, 2 Colgrave Sound 17 Apr; late bird Fair Isle 22 Oct, max 50 Rackwick Hoy 20 Jun; Aber/Ō Kinc, 1st N Peterhead 12 Apr, max 1039N in 2 hrs Girdle Ness 6 Sep; Fife, 1000 St Andrew's Bay 27 Jul, late bird Kirkcaldy 7 Nov; Midl, present in Forth to mid-Dec; E Loth, 950 in 2½ hrs Barns Ness 5 Sep; Arg, 2000 Garvellachs 9 Jul, 2000 Mull-Tiree 25 Aug, late bird Islay 4 Dec; Ayr, 2700S/hr Turnberry Point 20 Aug—2000 offshore till 30 Aug; Wig, 868S/hr Carswell Point 24 Aug.

mauretanicus: singles N Peterhead, Aber 20 Aug (M1), Barns Ness, E Loth 25 Sep (SdP).

Storm Petrel *Hydrobates pelagicus* Breeding: no change Shet; breeding proved Restensgeo, Fair Isle. Tape lured birds: Caith, 154 Wick 4 Jul-27 Aug; Suth, nos down by 50% on N coast (1 in 15 were controls), 4 Green Table 28 Aug; Ayr, 11 Portencross 23 Jul. Counts and passage: Shet, last 1 Whalsay 13 Oct; 1st Fair Isle 16 May—max night est 400 Gunnawark 4 Aug; Ork, 2 Harray L 22 Aug, last ones St Mary's 11 Nov, Stromness 12 Nov; Suth, 100/hr Handa 20 Aug; I of May 25 Jul-28 Aug, max 6; Dunb, Gareloch 3 Aug; Ayr, very late birds Troon 20, 21 Nov; Wig, 10 Stranraer-Larne crossing 26 Jun.

Leach's Petrel *Oceanodroma leucorhoa* Breeding: Shet, 10 ringed Ramna Stacks where population est 25-50 prs; Ork, 18 caught Sule Skerry 19-28 Jul—some had brood patches. Elsewhere: Shet, 2 caught Yell Jul; singles Fair Isle 31 Jul, 1, 21, 22 Aug; Caith, 1 dead Scrabster 12 Oct; E Loth, singles Skateraw and Barns Ness 5 Sep; Ayr, 2N Troon 3 May, 2 Largs 3 May, singles Girvan 18 Nov—released Turnberry Point 20 Nov, Barassie 19 Nov, Troon 22 Nov.

Gannet *Sula bassana* Breeding: Shet, 8794 nests Hermaness 20 May, 4863 nests Noss 26 May represents 80% count of colony; 172 nests at 8 sites Fair Isle; Ayr, 20,000 prs Ailsa Craig; Wig, 1900 birds (inc chicks) Scar Rocks 20 Jun.

Counts and passage: Aber, max 1720N in 3 hrs Peterhead 10 Oct, 900N/hr Drums 12 Oct; W Loth, 200+ Hound Point 31 Aug; E Loth, 6000N in 6 hrs Dunbar 29 Mar; Borders, sick bird on cliffs St Abbs 20 Jun; Arg, 4400S in 2 hrs Mull of Kintyre 19 Jun; Dumb, 20 fishing Lomond 10-11 Jun; W Stir ad sleeping Conic Hill 29 Sep; Renf 7W Queenside Muir 4 Sep

Cormorant *Phalacrocorax carbo* Breeding: Shet, decline to 385 prs; Ork, 426-432 prs at 7 colonies; O Heb, 90 eggs taken from 70 nests at inland colony; 212+ nests at 4 colonies Forth; Ayr, 53 nests Portandea-Currarie Port held 83 young 19 Jul; Wig, 80+ nests Mochrum L-8 in trees, 42 nests at 3 other sites. Perhaps ave nos inland, 30 at Perth tree roost 13 Mar; Lan, 79 SCP 28 Mar; Kirk, 26 L Ken 13 Feb.

Counts and passages: Shet, 246 Yell Sound 25 Oct; max 170 Fair Isle 19 Sep; Ross, 800 Beauly Firth 24 Nov; N Kinc, 160 Girdle Ness 17 Jan; Fife, 400 Tay Road Bridge 11 Jan, 450 Kirkcaldy 17 Jan; 490 Forth est Mar; Renf, 176 Clyde est 28 Mar; max 125 Ayr 26 Nov.

Shag *Phalacrocorax aristotelis* Breeding: Shet, eggs seen 4 Apr-21 Aug; extremely prolonged beeding season Fair Isle; Ork, 60 nests at 2 sites; Suth, 194 nests Handa; Inv, increase to 1507 prs Canna, 241 prs Rhum; 1600 prs bred 1 of May—992 pulli ringed; 855 nests at 6 sites Forth; Borders, continued rise to 65 prs St Abbs (60 in 1981, 54 in 1980); Wig, 100 prs Scar Rocks 20 Jun. Counts: Shet, 1093 Bluemull 24 Nov; max 1460 Fair Isle 23 Aug; Ork, 600 Burra Sound 15 Oct; Aber, max 3000N in 2 hrs 10 mins Peterhead 6 Feb; Fife, 3000W early morning Anstruther 17 Nov; 400 Craigeleith, Forth 28 Dec.

***Bittern** *Botaurus stellaris* Four: Borders, 1 Mire L, St Abbs 20-21 Jan (PG); Arg, 1 Dervaig, Mull 14 Jan-22 Mar (CHB, RFC, RJW); 1 Tayinloan 4 Dec (PS); Kirk, 1 L Ken 12 Dec (JEB, JP).

***American Bittern** *Botaurus lentiginosus* One Kilmalcolm, Renf from 4 Nov 1981 to 9 Jan (SBR, 1981).

***Night Heron** *Nycticorax nycticorax* Two records: adult Kirkwall, Ork 23 May and at Orphir 24 May (W. S. Hewison, Mr & Mrs R. Miller, Mr & Mrs I. J. Cromarty); immature near Annan, Dumf 31 Dec to 5 Apr 1983 (M. Bell, D. R. Moore, J. Thompson *et al*). Feral flock Edinburgh Zoo 10 adults and one immature 20 Sep, max 18 on 9 Dec.

***Little Egret** *Egretta garzetta* One Aberlady Bay, E Loth 14 May (P. R. Gordon).

Grey Heron *Ardea cinerea* Breeding: Ork, 4 prs—only 1 pr successful; Caith, 2 sites—6 nests at 1 site; Fife, 106 prs at 10 colonies (11% down on 1981, mean brood size 2.3); E Loth, 15 nests at 2 colonies; Borders, several new heronries established; Dumb/W Stir, decrease to 37 nests L Lomond—heavy chick mortality; Arran, no change—16 nests; Ayr, 61 nests. Counts: Shet, max 17 Trondavoe 7 Feb; max 12 Fair Isle 20, 22 Sep; Ork, 17 Outer Holm, Stromness 19 Dec; Aber, 30 Ythan 26 Aug; Angus, 27 Lurgies 16 Jul; Midl, max 17 Gladhouse 23 Oct Dumb 18 L Long 27 Jan Renf 18 Woodhall 10 Jan Ayr 22 Bogside 16 Sep.

***Purple Heron** *Ardea purpurea* Two: immature Aberlady Bay, E Loth 6 Apr (P. R. Gordon); adult Widewall Bay, S Ronaldsay, Ork 2-5 Aug (C. J. Booth, Mrs R. McCutcheon *et al*).

***White Stork** *Ciconia ciconia* Two: One flying NE Rora, Aber 16 Apr (Mrs J. D. Breward); one following plough Port of Menteith, Perth 31 May, then flying W (per J. Mitchell), half hour later soaring over Drymen, W. Stir (J. B. Pendlebury).

†**Flamingo** *Phoenicopterus sp* Aber, 1 *chilensis* Strathbeg-Ythan all year; Perth, 1S Invergowrie 18 Aug; Fife, 1 Eden est-St Andrew's 1-2 Dec; Ayr/Arran, 1 *chilensis* Tarbolton 4 Sep, on Arran 20-21 Oct, Maidens 3 Dec; Kirk, 1 L Ken 2 Jun.

Mute Swan *Cygnus olor* Breeding: O Heb, 119 prs reared 274 young—30% increase on 1981; Loth, 26 prs reared 75 young; Borders, 11 prs reared 41 young; Renf, 14 prs reared

23 young; poor success rate Ayr, Kirk.

Counts: Shet, 1 Whiteness 9 Jan-end Feb, 1 Spiggie 3 Apr; Ork, peaks 183 L of Harray 13 Dec, 175 L of Stenness 11 Jan; O Heb, 962 in autumn count; Aber, 309 Strathbeg 13 Sep; Angus, 245 Montrose 17 Oct; Wig, colour-ringed O Heb bird L Ryan 11 Nov.

Bewick's Swan *Cygnus columbianus* Winter-spring: Dumf, 65 Caerlaverock Jan-Feb; Kirk, 50 Islesteps 24 Feb; Ayr, 4 Maybole 4-5 Jan; Glas, 4 Summerston 1 Jan; Dunb, 1 Endrick Mouth 4 Jan; E Loth, 1 Tynninghame 12 Mar-17 Apr. Autumn: Dumf, 1st back Caerlaverock 25 Oct, 52 in Dec; Lan, 4 Carnbroe 3 Nov; Renf, max 4 Inchinnan 11 Dec; Borders, 1 St Abbs 3-10 Dec; Kinr, 3 L Leven 25 Oct; Perth, 2 Madderty 25 Nov, 4 Thornhill 19 Dec.

Whooper Swan *Cygnus cygnus* 2 prs from feral population built nests Endrick Mouth, Dunb 23 May, pr with 2 young seen 28 Aug. No reports in wild but summering birds Shet (4), Caith, Ross, Banff, Aber (4), Perth (3), Fife, E Loth (2), Kirk (5).

Winter-spring: Shet, max 36 Spiggie 23 Jan, peak 568 Mar; O Heb, 262 L Hallan, S Uist 31 Mar; Caith, 121 Westfield 7 Feb, 3 Thurso 13 May; Aber, max 89 Strathbeg 23 Feb; Renf, 120 Inchinnan 2-3 Mar; Kirk, 101 Greenlaw 18 Jan, passage N Minnoch Valley 21 Apr.

Autumn: national sample (2153) gave 18.8% juveniles. Shet, 486 on 7 Nov was highest ever; 5 Fair Isle 15 Sept; Ork, peak 1813 Nov; Caith, 212 Scrabster 14 Nov, 204 Hestigrew 14 Nov, 250 Halkirk 23 Nov; Ross, 143 Easter Lovat 26 Oct; Inv, 135 Insh Dec; Aber, 10 Strathbeg 22 Sep, 633 on 14 Nov; Kinr, 194 L Leven 25 Oct; arrival in S from 9 Oct, Borders, 129 Nisbet 26 Dec; Renf, 236 Stanely Res 9 Dec; Dumf, 150 Caerlaverock 15 Dec.

Bean Goose *Anser fabalis* Winter: Kirk, 30 Gelston 6, 20 Jan, 2 Dalry 12 Jan, 4 L Ken 6 Feb; Ayr, 8 Irvine 10 Jan, 2 New Cumnock 26 Jan; Lan, 14 Libberton 27 Feb; Aber, 1 Rattray 27 Mar; E Ross, 21 Kilcoy 30 Jan, 16 Killearnan 9 Feb, 2 Arpafeelie 28 Mar, 4 Udale Bay 14 Apr; Caith, 1 Scarmclate 19 Mar; O Heb, remnant of 1981 flock stayed N Uist till Jan; Ork, 8 Holm 18 Mar; Shet, 4 Yell 14 Feb, 2 Haroldswick 26 Apr—1 till 4 May, 4 Uyeasound 30 May. Summer record of 2 Papa Westray, Ork 13 Jun is very unusual. Autumn: low nos, Shet, 1 Unst 22 Sep, 2 L of Brow 3 Oct; only 1 Fair Isle 2 Oct; Aber, 2 Meikle 7 Nov; W Stir, 31 Carron Valley 26 Sep, 52 on 17 Oct; Kirk, 1 L Ken 9 Nov.

Pink-footed Goose *Anser brachyrhynchus* Winter-spring: high nos in S returned N after severe weather, Dumf, 10,000 late Feb-early Mar; Kirk, 3500 Creetown Merse 28 Feb; Kirk/Ayr, 1000N Upper Minnoch Valley 25-27 Jan; Borders, max 6063 Westwater 21 Feb; E Loth, 2205 Aberlady 23 Jan; Midl, 3800 Gladhouse 20 Mar, last 1 on 16 May; Perth, 3000 Thornhill 4 Apr; Angus, 1340 Montrose 15 Apr; Aber, max 9600 Ythan 3 Apr, last 80 on 15 May; E Ross, 2000 Nigg 19 Mar, 6000 Beaully Firth 1 May; Suth, 1794 over Handa 19 Apr-8 May. Summer: 3 Fair Isle 6 Jun; Aber (4); W Loth (4), singles Suth, E Ross, Angus, Borders.

Autumn national count 13-14 Nov 69000 (UK total 89000) is similar to 1981; peak areas Perth/Kinr 16050, Angus 11150, Aber 12700 and Borders 10750; sample (5,000) gave 16.1% young and young mean brood size of 2.1.

Arrivals and other counts: Shet, 3 Hillwell 11 Sep, peak 500 Dunrossness 25 Sep; 160 Fair Isle 18 Sep; Ork, max 115 Stenness 18 Sep; Aber, 250 Strathbeg 10 Sep, 6850 on 4 Oct; Perth, 1st on 6 Sep, 20-25,000 at main roost 22 Sep; Angus, 6 Balgavies 12 Sep; Fife/Kinr, 12,000 L Leven 19 Oct, 5500 Cameron Res 23 Oct; Midl, 1st on 6 Sep, max 13,700 Gladhouse 24 Oct; E Loth, 6000 Aberlady 15 Oct; Borders, 1st 2 West water 5 Sep, 10680 on 16 Oct; Lan, 4000 Carmichael 27 Dec.

White-fronted Goose *Anser albifrons* Winter-spring: Wig, 380+ West Freugh 10 Jan; Kirk, 211 L Ken 22 Mar, last 1 on 23 Apr; Dunb, 85 Endrick Mouth 6 Feb; small nos in E, Caith, 170 Westfield Jan-Feb; O Heb, 120 S Uist 6 Jan; Ork, 52 Holm 28 Mar; Shet, 3 Spiggie 6 May. Autumn: national count gave a Scottish population of 7259 (50% of world population); Shet, singles Spiggie 23 Oct, Unst 5 Nov; singles Fair Isle 9 Oct, 15-16 Nov; Ork, 40S Ronaldsay 6 Oct, 44 Sandwick 9 Dec; O Heb, 22 Lewis mid-Dec; Caith, 50S Noss Head 25 Sep, 224 Westfield 13 Nov; Ross, 42 L Eye 9 Dec; Arg, 1365 mainland area Nov, 717 Coll and Tiree Nov, 3250 (12.9% juvs) Islay Nov; Dunb, 118 Endrick Mouth 14 Nov; Kirk, 1st 37 L Ken 7 Oct, max 320 on 5 Dec; Wig, 280 West Freugh 14 Nov.

European birds: Dumf, 4 Caerlaverock 4 Dec; Caith, 5 Hestigrew 14 Nov; 1 Fair Isle 27 Nov; Shet, 1 Whalsay 29 Dec.

Greylag Goose *Anser anser* Breeding: O Heb, 235 prs Uists and Benbecula; Caith, broods seen on 2 lochs; Suth, 7 prs noted at 3 sites. Feral birds: Perth, 104 birds 9 Aug; Angus, small nos; Midl, further expansion; pair bred W Loth; Inv, 2 prs bred Rhum; W Stir, pair reared 2 young L Lomond; usual nos in SW. Winter-spring: Ork, peak 350 Sandwick 27 Feb; Caith, 1500 L Calder-L Heilen Jan-Apr; Suth, passage of 2114 Handa Apr; E Ross, 1000 Kilcoy 14 Apr, 5000 L Eye 15 Apr; Moray, 2800 Burgie 20 Feb; Aber, 13,350 in spring count 18-22 Mar, last 100 Ythan 9 May; Fife, 2000 St Monance 9 Jan; E Loth, 1200 Tynninghame 14 Jan; Renf, 740 West Ferry 10 Jan; Ayr, 2400 Girvan 14 Jan in hard weather, last 31N Prestwick 5 May; Kirk, 2070 in spring count 21 Mar; Wig, 3180 on 21 Mar. Autumn national count 13-14 Nov 76000 (UK total 80000) is well down on recent years; peak areas Ross 8510, Aber 26440, Perth/Kinr 16900. Sample (3500) gave 30.1% young and a mean brood size of 2.6. Counts and passage: Shet, max 150 Nesting 25 Sep; 40 Fair Isle 18 Sep, heavy passage 1620 between 8-12 Oct; Ork, 1st Sanday 29 Aug, in census of 13-14 Nov; Caith, 3000 L Scarmclate 17 Oct; Suth, 1600 L Fleet 14 Nov; E Ross, 10,000 L Eye 24 Oct, 3514 Beaully Firth 14 Nov; Aber, max 9600 Strathbeg 14 Nov, 9500 Davan 14 Nov, 11,900 Haddo 11 Dec; Angus, 1350 Montrose 12 Dec; Kinr, 2500 L Leven 14 Nov; Midl, 2000 Harburnhead 13 Dec; Borders, 4100 Hoselaw 17 Oct; Arg, 64 Islay winter is further decline; Dunb, 2000 Endrick Mouth 26-28 Nov; Lan, 1000 Carmichael 27 Dec; Wig, 2570 West Freugh 27 Dec; Kirk, 1400 Ken-Dee Valley 28 Dec; Dumf, 1400 Caer laverock 13 Dec.

†**Bar-headed Goose** *Anser indicus* Aber, 1 Meikle 25 Apr—2 on 12 Oct, 2 Strathbeg 16 Jun, 1 Nov, 1 Longside 19 Nov; Angus, 5 Lintrathen 12-13 Jun.

***Snow Goose** *Anser caerulescens* Ross, ad Greater L Eye 24 Oct, 1 Tarradale 12 Jun; Aber, 3 Davan 30 Oct-3 Nov, singles Wells of Ythan 30 Oct, Strathbeg 21 Nov, Auchmacoy 11 Dec, 2 Gight 15 Dec; Angus, 1 Montrose 14 Apr; Kinr, singles L Leven Aug, Oct; Perth, 2 Thornhill 24-28 Feb, singles Tibbermore 16 Oct, Errol early Nov; Ayr, 4N Dunure 21 Jun; Kirk, 17 Meikle Ross 20 Sep.

Canada Goose *Branta canadensis* Breeding: Perth, 2-300 in resident population; Renf, poor season, 45 Barcraigs 13 Dec, no change elsewhere. English moult migration: Inv/Ross, 1st Beaully Firth 28 May, max 817 on 17 Aug, last 1 on 15 Sep. Counts and migration: Shet, 5 Foula 8 Jan; Ork, max 7 South Ronaldsay 19 Jun, 5 Shapinsay Aug-mid-Dec; O Heb, 1 Uists Jul; Caith, 1 Carsgove 26 Apr; Inv, 19 L Ashie moulting from 5 Jul, 64 Insh 13 Aug; Aber, 150 Ellon 25 Aug; Kinr, 42 L Leven Jun-Nov; 11 I of May 28 May; Midl, 2SE Cobbinshaw 17 Apr; E Loth, passage early Jun-end Sep, max 23 Scoughall 6 Jun; Borders, 39 Selkirk 11 Jun; Ayr, 20 Girvan 1-12 Jan; Kirk, 16 L Ken Aug. 1 Mire L, St Abbs, Borders 14 Oct may have been *hutchinsii*; also 1 very small bird L Ken, Kirk 8 Apr.

Barnacle Goose *Branta leucopsis* Solway flock; 1st 28 Caerlaverock 22 Sep, Oct count produced 8500 with 11.5% juvs, Islay flock; 17,300 in Mar; Nov count produced 12,800 with 6% juvs. Elsewhere: Arg, 400 Treshnish 12 Apr, 1 on 8 Jun; Inv, 534 Eilean Hoan 11 Feb, 734 on 30 Oct, 1 Canna 11 Jul; Ork, 387 South Walls 29 Mar, 500 Scapa Flow 25 Oct. Passage: Shet, 1680 reported from 4 localities 25 Sep; 350 Fair Isle 25 Sep; Ork, 10 Scapa Flow 1 May; Suth, 14 Handa 3 May; Moray, 112W Culbin 25 Sep; Aber, 2 summered Strathbeg, max 247 Strathbeg-Ythan 27 Sep; Angus, 53S Westhaven 27 Sep; Perth, 33 Tibbermore 24 Oct; Fife, 335S/hr Fife Ness 25 Sep; 4 I of May 21 Sep; Midl, 140W Musselburgh 26 Sep; Borders, 40 West Water 12 Oct; Lan, 3 Glengavel 12-18 May, 85 Strathaven 26 Sep; Ayr, 45SE New Cumnock 26 Sep; Wig, 29E L Ryan 26 Sep.

Brent Goose *Branta bernicla* D=dark-bellied *B b bernicla*, P=pale-bellied *B b hrota*. Peak counts and migration: Shet, 1D Skerries 10-16 Nov; Fair Isle, 1P on 22 Jan, 3P from 19 Sep-5 Oct; Ork, 9 North L Sanday 2 Oct, 5 North Ronaldsay 24-26 Oct; O Heb, 1D Lewis mid-Dec-end year; Caith, 2P Sandside Bay 29 Sep; E Ross, 2 Minlochy Mains 20 Jan; Moray, 2 Findhorn mid-Jan; 2 Banff 13 Feb; Aber, 3D Peterhead 23 Jan, 25P S Peterhead 6 Nov; Angus, 2P Forfar L 28-29 Nov; Fife, 4P St Andrew's 9 Jan; Midl, 3P Musselburgh 18-24 Sep, 1D on 7-17 Nov; E Loth, 31 Tynninghame 5 Jan; Borders, 30S Burnmouth 10 Jan, 22 St Abbs 3 Dec; Renf, 1 West Ferry 14 Jan; Wig, 2P L Ryan 4 Apr, 2 on 6 Dec; Kirk, 3D Mid Kelton 24-27 Feb, 1P L Ken 11-14 Dec; Dumf, 1P Caerlaverock 14 Jan, 31 Dec.

Shelduck *Tadorna tadorna* Breeding: Shet, pr B/6 Papa Stour 4 Jul; Aber, 53 prs Ythan; Angus, 3 prs bred, 4 young fledged Forfar L; pair B/5 I of May 17 Jun; W Loth, 60ads with 50 young Dalmeny 21 Jun; Arran, 10 prs, 56 young hatched, 28 fledged; Ayr, 31 young Dipple 9 Jun.

Counts and migration: Shet, 23 Dunrossness 3 May; Ork, 43 Cumminess 13 Mar; Suth, 124 L Fleet 28 Feb; E Ross, 243 Tain 10 Jan, 187 Munloch Bay 13 Mar; Angus, 400 Montrose 12 Dec; Fife, 1974 Eden est 21 Feb; E Loth, 169 Aberlady 11 Jan; Arg, 238 L Gruinart, Islay 2 Apr; Renf, 543 Clyde est 28 Mar, but only 10 on 12 Dec; Lan, 5E Gadloch 13 Jul, 5 Hamilton 8 Nov; Dunb, 6 Fannyside 9 May; Ayr, 140 Hunterston 1 Jan; Kirk, 162 Southernness 7 Feb.

Mandarin *Aix galericulata* Perth, max counts 46 on 22 Feb, 48 on 12 Dec; Borders, ♀ shot Greenlaw early Oct.

Wigeon *Ana penelope* Breeding: Ork, 2 broods seen—very little data; Aber, 6 broods Davan—poor success due to pike predation; Angus, 12 prs—no breeding Kinnordy; Kinr, 35 prs bred L Leven; Kirk, successful nest L Ken may have involved captive birds. Counts and migration: Shet, max 50 Scatness 12 Oct; 35 Fair Isle 3 Sep; Ork, 750 Tankerness 24 Jan, 595 L of Boardhouse 13 Dec; Caith, 1273 L Watten 17 Jan; Suth, 2800 L Fleet 29 Nov; Inv/E Ross, 5060 S Dornoch Firth 14 Nov, 4000 Inverness 14 Nov, 5000 Munloch Bay 14 Nov, 5000 Udale Bay 14 Nov, 4200 Nigg 29 Nov; Aber, 660 Slains 14 Feb; Angus 3860 Montrose 12 Dec; Fife, 1742 Eden est 16 Jan; W Loth, 700 Blackness 13 Nov; E Loth, 786 Tynninghame 13 Jan; Arg, 379 Mull 15 Oct—highest ever count; Ayr, 650 Bogside 10 Jan; Wig, 2500 L Ryan-Soulseat L 12 Dec; Dumf, 1124 Caerlaverock 12 Dec.

***American Wigeon** *Anas americana* One drake Birsay Bay, Ork 3 May (D. Lea *et al*).

Gadwall *Anas strepera* Breeding: O Heb, 3-5 prs reared 15 young Balranald, N Uist, pr bred Benbecula; Angus, 5 prs bred, 10 young fledged Kinnordy; Perth, fewer recorded—bred Dunalastair Res—prs at 2 other sites; Kinr, 40 prs bred L Leven. Peak counts: Shet, max 2 Hillwell 8-15 May, 2 Clickimin 28-29 Aug; Ork, 5 North Ronaldsay 4 Nov, 26 Dec; E Ross, pr Tarradale 3 Jun, pr L Eye 20 Sep; Aber, 1 Lady mire 18 Dec; Kinr/Fife, 169 L Leven 3 Oct, 9 Morton L 13 Nov; Lan, 6 Ryeflat 4-20 Nov; Ayr, 4 New Cumnock 2 Apr.

Teal *Anas crecca* Breeding: Shet, little data—eggs noted Dunrossness 24 May; Angus, 12 prs bred Kinnordy; Inv, 1 + pr bred Rhum. Counts and passage: Shet, max 50 Scatness 12 Oct; main passage Fair Isle 3-26 Sep, max 40 on 3 Sep; Ork, 341 North Scapa Flow 11 Jan; Suth, 300 L Fleet 19 Dec; Ross/Inv, 721 Torrin 10 Jan, 1000 Kilmuir 31 Jan, 1000+ Munloch Bay 14 Nov; Aber, 500 Strathbeg 2 Feb; Angus, 555 Montrose 12 Dec; Fife/Kinr, 860 L Leven 3 Oct, 1000 Morton L 27 Nov; Borders, 320 West Water 7 Nov; W Stir, 587 Carron Valley Res 14 Feb, 1735 on 17 Oct; Ayr, 650 Bogside 9 Jan; Kirk, 500 L Ken 3 Sep; Dumf, 1000 Caerlaverock 2-6 Nov.

Green-winged Teal *carolinensis*: drakes at Inverness 29 Dec 1981 to 27 Feb (R. H. Dennis *et al*), Ross, Dalmore/Alness 17 Dec 1981 to 13 Feb (C. McCarty, D. M. Pullan); O. Heb, singles Balranald 5 May and Benbecula 16 June (K. Fairclough *et al*)§.

Mallard *Anas platyrhynchos* Breeding: Shet, 1st young Walls 8 May; Ork, 1st young St Ola and Evie 29 Apr; Angus, 50 prs reared 80 young Kinnordy; Kinr, 50 prs bred L Leven; Arran, 14 prs hatched 51 young—many died; Ayr, good season. Counts: Ork, max 407 North Scapa Flow 11 Jan; Caith, 1350 L Watten 17 Jan; nos down Moray, max 300 L Spynie 13 Dec; Aber, 2450 Strathbeg 31 Dec; Angus, 1500 Lintrathen 2 Feb; Kinr, 2200 L Leven 3 Oct; 769 Forth est Oct; W Loth, 700 Linlithgow 17 Oct; Borders, 660 Hoselaw 12 Sep; W Stir, 2229 Carron Valley Res 31 Oct; Renf, 600 Barr L 31 Jul; Lan, 800 SCP 17 Jan; Ayr, 608 Barassie 27 Nov; Kirk, 420 L Ken 18 Oct. Hybrid × Black Duck Ryeflat, Lan 20-28 Nov.

***Black Duck** *Anas rubripes* Drake at North Kessock, Ross and South Kessock, Inv from 11 Oct 1981 to 2 March (R. A. Broad, R. H. Dennis *et al*), latterly paired with ♀ Mallard; also returned 7-12 August (D. M. Pullan).

Pintail *Anas acuta* Breeding: Ork, bred at 3 sites West Mainland and Stronsay—3 broods seen at former; Caith, 2 prs bred at 2 sites—B/3 at one site Jun; Wig, 3 prs probably bred at 1 site. Counts and passage: Shet, max 13 Burra 18 Sep; 13 Fair Isle 3 Sep; Ork, 26 North L Sanday 8 Feb; Inv/Ross, 600 Nig 24 Jan, 93 Redcastle 13 Feb; Angus, 50 Montrose 7 Mar; Kinr, 40 L Leven 3 Oct; Midl, 16 Musselburgh 6 Oct; Renf, 15 West Ferry 18 Dec; Kirk, 400 Drumburn 12 Jan, 270 L Ken 7 Oct.

***Garganey** *Anas querquedula* A poor year—11 in spring 29 Mar-6 Jun; Kirk, ♂ L Ken 7 May; Dunb, ♂ Twechar 29-30 Mar, ♂ Endrick Mouth 8-11 May; E Loth, 1 Drem 18 May; 1 Strathbeg 5-6 May; Caith, pr L of Mey 25 May; O Heb, pr Balranald, N Uist May; Shet, Hillwell 15-18 May, ♂ Lerwick 6 Jun. Autumn: E Loth, 4 Dunbar 14-20 Sep; Lan, ♂ SCP 31 Oct; Dumf, ♀ Caerlaverock 13 Sep.

***Blue-winged Teal** *Anas discors* Two: Shet, imm male Skerries 12-20 Sep (D. M. Pullan, E. Tait *et al*); fe, ale Balranald, O Heb 19 Sep (K. Fairclough)§.

Shoveler *Anas clypeata* Breeding. Shet, up to 4 prs reared 20 at 2 sites; Ork, only single pairs at 2 sites confirmed; Angus, 26 prs bred, 25 young fledged Kinnordy; Kinr, 12 prs bred L Leven; Renf, 2 broods noted Lochwinnoch; Glas, 3 broods Possil Marsh; Ayr, 3 prs reared 9 young New Cumnock; Kirk, good season L Ken. Also bred Perth. Counts: Shet, 14 Mar-7 Nov; Ork, 17 North Ronaldsay 20 Oct; Aber, max 13 Cotehill 3 Oct; Angus, 110 Kinnordy Aug; Perth, 40 Stormont L 28 Oct; Kinr, 60 L Leven 3 Oct; Borders, 123 Hule Moss 10 Oct; Arg, 19 L Indaal, Islay 17 Jan; Dunb, 100 Endrick Mouth late Oct-early Nov; Renf, 32 Ball L 28 Jul; Lan, 27 Woodend L 24 Sep; Kirk, 53 Carlingwark L 19 Sep.

Red-crested Pochard *Netta rufina* Three: ♂ Elgin, Moray 10-21 Mar (LJ); ♀ Strathbeg, Aber 31 Oct, 12 Nov (JD); ♀ Auchenreoch L, Kirk 28 Nov-11 DEC (PTB *et al*).

Pochard *Aythya ferina* Breeding. Angus, 4 prs bred unsuccessfully Kinnordy; bred Perth; Renf, 1 brood Lochwinnoch. Counts: Shet, 57 Spiggie 12 Nov; Ork, 3702 L of Harray 23 Nov was exceptional; Caith, 241 L Watten 17 Oct; Ross, 150 L Eye 24 Oct; Aber, 800 Strathbeg 15 Nov; Fife, 700 Lochore 22 Oct; Kinr, 1160 L Leven 14 Nov; Midl, further decline Duddingston, max only 75 on 31 Jan, 488 Wardie-Seafield 10 Jan; W Stir, 307 Carron Valley Res 31 Oct; Glas, 400 Richmond Park, R Clyde 16 Jan; Dumf, 150 Lochmaben 21 Dec.

***Ring-necked Duck** *Aythya collaris* Seven: Shet, ♀ L of Brow 21-25 Oct (J. N. Dymond); O Heb, ♂ L Grunivat, Lewis 9 May (W. A. J. Cunningham, I. H. Leach); Inv, usual ♂ Insh 25 Feb-16 March (R. Leavett *et al*); Midl, ♂ Duddingston 24 Mar (J. Chester); Arg, ♂ L Leathan 6-14 Mar (D. Thorogood, M. J. P. Gregory), ♂ L Ba, Mull 15-17 May (R. F. Coomber, the late P. J. Tullett, S. Woolfall); Kirk, ♂ R Dee/L Ken 15 Jan-25 Mar (L. A. Urquhart *et al*).

***Ferruginous Duck** *Aythya nyroca* ♂ Possil Marsh, Glasgow 21 Dec (G. J. Brock).

Tufted Duck *Aythya fuligula* Breeding: Shet, bred at 3 sites; Aber, very few young Skene; Angus, 30 prs reared 25-30 young Kinnordy; Kinr, 550 prs bred L Leven; Midl, 23 broods reported; Renf, 7 prs hatched 44 young Kilmacalm; Kirk, good season. Counts: Shet, 100 Spiggie 10 Nov; Ork, 2279 L of Harray 23 Nov; Caith 737 L Watten 13 Sep; 1200 Inverness 9 Jan; Aber, 1950 Strathbeg 15 Nov; Angus, 600 Stannergate 6 Jan; Kinr, 3450 L Leven 3 Oct; Midl, 610 Leith-Seafield Jan; W Loth, 410 Linlithgow Oct; Dunb, 40 Milngavie Res 2 Jan; Renf, 740 Lochwinnoch 28 Jul; Lan, 366 SCP 17 Jan; Ayr, 250 Prestwick-Doonfoot 5 Jan.

Scaup *Aythya marila* Summer records: Suth (6), Midl (8), Lan (1). Counts: Ork, 78 L of Harray 16 Mar; Ross, 418 Edderton 31 Jan; Aber, 1 Ythan 25 Jul; Angus, pair Lintrathen 9 May; Fife, 2680 Largo Bay 14 Jan; Midl, 114 Granton-Joppa 10 Jan; W Loth, 150 Blackness 3 Oct; Arg, 1200 L Indaal, Islay 3 Nov; Renf, 215 Langbank 7 Feb; Ayr, 168 Prestwick 15 Feb; Wig, 150 L Ryan 14 Feb; 12 Dec; Kirk, 500 Southernness 12 Jan.

Eider *Somateria mollissima* Breeding: Shet, nest with full clutch 22 Apr, chicks by 12 May; late but a successful season Fair Isle; Aber, 2100 prs Ythan, mean clutch size 4.5 and 71% hatching success, high fledging success—1400 survived due to fine weather in Jun; 154 nests located I of May; Forth Is, 66 nests Craighleith 15 May, 85 nests Fidra 19 May, 24 nests

with 28 young Inchkeith 30 May, 42 nests Inchmickery; E Loth, 80 nests Aberlady, poor success; Renf, brood Langbank 28 Jul; Arran, 37 prs reared 80 young. Counts: Shet, further drop in nos, 574 Bluemull/Colgrave 24 Nov (5785 on 18 Nov 1976); 1120 Fair Isle 17 Nov; Suth, 2000+ L Fleet 17 Oct; Aber, 6000 Ythan early May, 9500 Blackdog 7 Aug; Angus/Fife, 8000 Tay est 27 Feb, 1000 Methil 7 Mar, 1108 Montrose 14 Nov; Loth, 3168 Forth est Mar; Renf, 2600 Port Glasgow 3 Nov; Ayr, 1382 Turnberry-Girvan 14 Aug; Wig, 550 L Ryan 20 Nov.

***King Eider** *Somateria spectabilis* Shet, ♂ Sullom Voe Jan -29 Mar (J.D. Okill), ♀ Lerwick 30 Jan-8 Apr (D. Coutts *et al*) imm ♂ Voe 17-18 Apr (P.J. Ewins, M. Heubeck), ♂ Unst 24 Nov (M. Heubeck, R. J. Tulloch); Ork, ♀ Kirkwall 10 Dec into 1983 (E. R. Meek *et al*); Caith, ♀ Sinclair's Bay 28 Feb§ (K. W. Banks, H. Clark); Suth, at least 1 ♂ Golspie—Embo area throughout year, 2 ♂ ♂ on 21-27 March (A. R. Mainwood *et al*); Aber, ♂ Ythan-Blackdog 23 Apr-11 July (H. Olsthoorn *et al*); Dunb/Renf, usual ♂ Ardmore Point 29 Aug (G. J. Brock), Port Glasgow 28 Oct-22 Nov (S. Benn, B. C. Forrester *et al*).

***Steller's Eider** *Polysticta stelleri* Two: usual ♂ summered Ork, Papa Westray 30 Apr to 1 July, displaying to Eiders (J. B. Ribbands, J. Rendall): ♂ all year Ardvule, S Uist, O Heb—11th year (per W. A. J. Cunningham *et al*).

Long-tailed Duck *Clangula hyemalis* Counts: Shet, 1st 3 returned Sumburgh 23 Jul, 570 Bluemull 24 Oct; Ork, 600 Aikerness 15 Jan; Suth/Ross/Moray, ca 20000 wintered Moray Firth 1981/82 and 14000 in 1982/83; Inv, ♀ Insh 6 Dec; Aber, 700 Menie-Ythan 12 May; Fife, 600 Kinshaldy 23 Oct; Midl, 135 Musselburgh 2 Jan; E Loth, 261 Gosford 9 Jan; Borders, 1 St Abbs 12 Sep; Renf, 5 Castle Semple L 11-15 Dec; low nos in SW, 1 L Arthur, Kirk, was only country record. Summer record: Ork (1).

Common Scoter *Melanitta nigra* Breeding: Shet, 3 ♂ ♂ and 2 ♀ ♀ at 1 site, breeding not recorded; Caith, inadequate coverage, B/3 and B/5 seen; Ross/Inv, 9-22+ prs nested at 9 lochs, some broods recorded; Perth, possibly bred, 5 ♂ ♂ and 6 ♀ ♀ at 1 site 31 May; ♀ with 2 young Inner Heb site 9 Aug; Dunb/W Stir, 3½ prs L Lomond, no breeding recorded.

Counts: Ork, 12 Echnaloch Bay 3 May; Caith, 50 Sinclair's Bay 27 Mar; Suth, 1100 Dornoch 3 Oct; Moray, 3000 Spey Bay 26 Dec; Aber, 400 Blackdog 6 Jul; Angus, 300 Lunan Bay 12 Jul; Fife, 2310 St Andrew's Bay 15 Feb; W Loth, 160 Hound Point 6 Nov; E Loth, 1-2000 Aberlady Apr-May; Borders, 103 St Abbs 28 Jul; W Stir, 67 Kilsyth 6 Nov; Ayr, 50 Troon 10 Jan; Kirk, 250-300 Fleet est 27 Nov.

***Surf Scoter** *Melanitta perspicillata* Suth, ♂ Dornoch-Embo 15 Jan-13 Apr (C. McCarty, J. Barrett *et al*); Moray, Spey Bay, 2-4 ♂ ♂ 17 Oct-into 1983 (N. Elkins, R. H. Dennis, J. Barrett); E Loth, pr Gullane Point 13-14 Apr (G. Anderson, P. R. Gordon, K. A. & D. M. Hudson); Arg, ♂ L Indaal, Islay 4 Oct (P. M. Ellis).

Velvet Scoter *Melanitta fusca* Counts: Ork, 39 North and East Scapa Flow 11 Jan; Caith, 30 Sinclair's Bay 6 Mar; Suth, 200 Embo 14 Mar, 11 Dec, Moray, 1200 Spey Bay 26 Dec; Aber, 90 Blackdog 25 Jul; Fife, ♂ Kilconquhar L 27 Mar, 200 Largo Bay 12 Apr; low nos Forth; Midl, Musselburgh 7 Feb; E Loth, 60 Aberlady-Gullane 11 Sep; Dunb, 3 Ardmore 10 Oct. Summer record: Ork (6).

Goldeneye *Bucephala clangula* Breeding: ♀ ♀ laid eggs in 44 nests (2 natural holes, 27 clutches incubated, 26 successful ♀ ♀ hatched at least 220 young, survival of ducklings again good. Summering birds Ork to Kirk, but no other proof of breeding. Counts: Shet, 185 Spiggie 14 Nov; Ork, 181 Scapa Flow 11 Jan; Caith, 117 Wick 9 Jan; 400 Inverness 9 Jan; Moray, 400 Findhorn 4 Apr; Aber, 432 Don 21 Jan, passage Strathbeg—34 on 6 Aug, 360 on 15 Nov; Angus, 500 Dighty 20 Mar; Fife, 650 Largo Bay 12 Jan, 410 Kirkcaldy 13 Jan; Loth, 475 Forth est Feb, 360 Dec; Arg, 150 Mull late Jan; Dunb/Renf, 535 Clyde est 28 Mar; 111 Lochwinnoch 27 Nov; Ayr, 420 Prestwick-Doonfoot 5 Jan; Kirk, 82 L Ken 15 Feb.

***Smew** *Mergus albellus* Redheads unless stated, about 25 winter-spring: Ork, L of Harray 7-8 Mar, L of Climly 2 Apr; ♂ Inverness 9 Jan, also at Longman 29 Jan-1 Mar; Moray, Speymouth 20-23 Feb; Aber/N Kinc, ♂ Strathbeg Jan-18 Mar, Strathbeg 21 Feb-5 Mar,

Girdle Ness 22 Jan, Davan 6 Feb-16Apr, Ythan 13 Feb, Meikle 13 Mar; Angus, Monikie 10-20 Mar; Perth, Carsebreck 13 Mar; W Loth, Linlithgow 6-14 Feb; Borders, Kelso 31 Jan, Faughill 17 Feb, 14 Mar; W Stir, pair R Endrick 19 Mar, ♂ till 4 May; Renf, ♂ Langbank 10 Jan; Ayr, 3 Hunterston 16 Jan, Martnaham L 31 Jan-8 Apr, Irvine 20 Feb; Wig, Moor of Genoch 13 Feb, 18 Mar; Kirk, L Ken 29 Jan, 6 Feb. Autumn, about 19 records: Shet, Dunrossness 14 Nov; Ork, L of Skail 26 Nov, 4 Dec, Harray 13 Dec; Inv, L Flemington 17 Oct; Aber, Strathbeg 28-29 Dec, Davan 5 Dec-end year; Angus, ♂ Monikie 30 Oct, Monikie 17 Nov-12 Dec; Fife, Carriston Res 24 Oct, Kirkcaldy 12 Dec; Arg, Mull 14 Dec-end year; Dunb, ♂ L Lomond 31 Dec; Renf, Langbank 5 Aug-24 Oct, ♂ on 27 Nov; Lan, Thankerton 11 Dec; Ayr, Martnaham L 4 Dec-end year; Kirk, L Ken 7 Nov-13 Dec, 2 On 28 Nov; Dumf, Lochmaben 9 Nov-21 Dec.

Red-breasted Merganser *Mergus serrator* Breeding: Shet, widespread with good broods; Ork, 1st young 6 Jul, ♀ with 30 young Echnaloch 12 Jul; Perth, ♀ with 37 young Kinclaven 13 Aug; continued small nos inland in SW and Borders. Counts: Shet, 100 Sullom Voe 25 Oct; Ork, 192 Scapa Flow 11 Jan; Suth, 280 L Fleet 30 Oct; Ross/Inv, 395 Beaully Firth 24 Nov; Aber, 196 Forvie 25 Jul; Angus, 127 Stannergate 17 Jan; Fife, 125 Leven 22 Sep, 865 Kinshaldy 23 Oct; Loth, 855 Forth est Nov; Arg, 224 Sound of Mull 13 Aug; Dumf/ Renf, 100 Clyde est 28 Mar; Arran, 81 Machrie 8 Jul; Ayr, only 43 Turnberry Bay 30 Aug; Wig, 190 Luce Bay 3 Sep; 220 L Ryan 26 Sep.

Goosander *Mergus merganser* Breeding: successful breeding noted Aber, Borders, Kirk. Counts: Caith, 7 Strathmore 24 Jan; Suth, 54 Kyle of Sutherland 12 Nov; Ross/Inv, 600 Beaully Firth 6 Jan, 1039 on 24 Nov; Moray, 45 Speymouth 19 Aug; Aber, 143 Skene 30 Jan; Kinr, 64 L Leven 22 Feb; Midl, 31 Moorfoot Resrs 14 Frb; E Loth, 32 Whiteadder 28 Aug; Borders, 114 Hoselaw 25 Apr; Renf, 48 Harelaw-Black L 5 Dec; Ayr, 31 Penwhapple 12 Dec; Kirk, 121 L Ken 21 Aug, 11 Sep; Dumf, 165 Lochmaben 7 Mar.

***Ruddy Duck** *Oxyura jamaicensis* Breeding: Pair Kinnordy, Angus early Apr, 2nd pr from 16 May, 3 broods hatched but no young survived due to pike predation. Elsewhere: 2 ♀ ♀ Nairn 25 Sep (PC); Perth, 8 Blairgowrie 7 Nov (EDH, SRH); Lan, ♀ /imm Woodend L 30 Nov-6 Dec (JND).

Honey Buzzard *Pernis apivorus* Shet, singles Unst 25 May, West Burra 26 Jun; Fair Isle 7 Jun and 3-5 Jul (latter died of Fulmar oiling); Ork, Finstown 29 Sep; Suth, Bettyhill 1 Jun, Forsinaird 21 Jul; Peeb, Drummelzier 29 May.

***Red Kite** *Milvus milvus* Immature Ayr 18 Apr (JL) is first Ayrshire record since 1892; one Buckhaven, Angus 6 Jan (MJB).

White-tailed Eagle *Haliaeetus albicilla* Re-introduction project continued Rhum, Inv where 10 young released; one of these wing-tagged young in Lewis Oct to Dec. Wandering birds seen in many areas and at least one nest was constructed but no eggs laid; one immature in Shet still present from 1981.

***Marsh Harrier** *Circus aeruginosus* Very good year with about 23 in spring and 12 in autumn; reports are of ♀ ♀ or immatures unless noted. Shet, Sumburgh/Lerwick 6-7 May, SouthNesting 9 May, Spiggie 28 May; Fair Isle 4-7 May; O Heb, Stornoway 4 Jun, Balranald 13 Aug; Inv, Tulloch Moor 16 May; Moray, Findhorn 15 Aug, ♂ Spynie 24 Dec; Aber, Newburgh 17 Apr, Strathbeg 19 Apr, 15-18 May, Slains 8-15 May, ♂ Ythan 16 Aug; Ang, Kinnordy 29 May, 2 Montrose Basin 2 Jun-7 Aug, 2 Kinnordy 7-8 Aug, 1 to 26 Aug, ♂ Kinnordy 15 Aug-Oct, Balgavies 4-14 Sep; Arbroath 16 Sep; Perth, L of Lowes 13 May, Carsebreck 21 Sep; Isle of May 19 May; Fife, 2 Morton Lochs 15-24 May, Fife Ness 5 Oct; Midl, 2 Bavelaw 14 May, 1 on 19 May; E Loth, Tynninghame 9 May; Peeb, West Water 29 May; Renf, Lochwinnoch 30 Sep-7 Oct; Lan, Carstairs 2 Oct; Ayr, Kilbirnie 3 Oct; Dumf, Lochmaben 8 Oct; Kirk, ♂ L Ken 9 Jun, 10-19 Jul, 27 Aug; Wig, West Freugh 16-17 May.

Hen Harrier *Circus cyaneus* Breeding: Ork, mean brood size 2.56 from 16 successful nests in study area; W Moray, 6 nests raised 16 young; Arg, decrease in Mull after vole collapse; Ayr, 11 prs on territory averaged 5 eggs, 2 prs reared 3 young each; Kirk/Wig, another bad year, 4 known nests only fledged total of 4 young; Peeb, pr nested in county for first time

since 1924. Migrants: Shet, 2 in spring, 3 in Nov-Dec; Fair Isle, singles 9 and 20 May, juv 25 Aug-8 Oct, singles 3 days to 30 Nov.

***Montagu's Harrier** *Circus pygargus* ♂ Sumburgh, Shet 6 May (PRF).

Goshawk *Accipiter gentilis* At least 7 prs known, of which 5 prs reared 17 young; birds seen in various other areas.

Sparrowhawk *Accipiter nisus* Breeding: Moray study area reported worst season for 7 years, many prs failed to lay and only 26 young raised from 22 nests. Increase in numbers around gardens in severe weather Jan and suggestion of higher mortality. Migrant max 3 Fair Isle 8 Nov, 4 Kergord, Shet end Oct.

Buzzard *Buteo buteo* Breeding: Inv, 13 prs laid in 21 occupied territories Glenurquhart, 12 young reared from 10 nests; Moray, very good year, 46 young reared from 17 nests checked; Angus, very good with 20 prs nesting; increases noted in various areas, including Borders. Shet migrants, Walls 10-28 Feb, Skerries 27 Sep, Walls 1 Nov and Sumburgh 9 Nov-Dec.

***Rough-legged Buzzard** *Buteo lagopus* At least 35 records is high: Shet, Spiggie and Voe 20 Oct, Brae 21 Oct, Unst 2 Nov-31 Dec, North Roe 8 Nov, Whalsay 14 Nov; Fair Isle 11 Oct, 2 on 12 Oct-11 Nov, 1 to 26 Dec; Ork, Sanday 9 Jan-5 Feb, Orphir 29 Mar, Birsay 17 Oct, N Ronaldsay 19-22 Oct, Evie/Firth/Rendall 1+23 Oct-18 Dec; Caith, Reay 17 Oct, Rumster 27 Dec; Aber/Kinc, Glen Dye 27 Feb, 2 Forvie 14 Oct, 1 on 15th, 1 on 16 Nov, Glen Dye 14 Nov, another 27 Nov, both to 31 Dec; Angus/Kinc, St Cyrus 6 Oct, 2 Lundie Craggs 13 Nov, one 24-28 Nov, Lintrathen 21 Nov; Perth, Pitlochry 19 Apr; Isle of May 12 and 18 Oct; Whiteadder Res 17 Oct, Hopes Res 16 Nov; Borders, Reston 16 Aug is early, St Abbs 12 Oct, Cambus 17 Oct; Arg, Glen Lochy 15 Nov, Croggan, Mull 14 Oct and Dervaig 8-18 Nov; Lan, Glengavel 22 Dec; Ayr, Slot Burn 29 Oct-31 Dec.

Golden Eagle *Aquila chrysaetos* National census revealed population of approx. 420 breeding prs; 182 prs were known to be successful and reared between 209 and 221 young. Migrants: Shet, imm Unst 10 Mar, Walls 17 May and Fetlar 1-18 Jun; Aber, imm sick Roseheart 2 Oct.

Osprey *Pandion haliaetus* Breeding: 30 nests were occupied and 27 prs laid eggs; 4 or 5 nests were robbed but 21 prs were successful and reared a total of 45 young, the best for well over a century. Arrival was generally early (from 28 March); wandering birds in many areas in Summer; late records Carrbridge, Inv 19 Oct; River Tay, Perth in Oct. Migrants: Shet, Unst 14-21 May, Weisdale 25 May, Yell 30 May, Spiggie 27 Sep, Burra 14 Oct; Fair Isle 8 May; Ork, Rendall 30 May, S Ronaldsay 7 June; Isle of May 16 May and 7 June.

Kestrel *Falco tinnunculus* Numbers reported as lower some areas after severe winter; W Moray 7 prs reared 23 young; 85% occupation of 40 monitored sites, 26 prs had average clutch size 4.7, and 18 successful sites reared 66 young. Very poor spring passage Shet, autumn max 3 Scatness 10 Oct; max Fair Isle 2 Oct.

Merlin *Falco columbarius* Breeding. Shet, poor year, 13 nests with eggs only 14 fledged young, egg-shell thinning noted; Ork, poor year with very few successful nests, egg-shell thinning noted. W Moray, 3 prs reared 9 young; Borders, very poor for numbers and success. Migrants; Fair Isle max 4 on 4 Apr; Caith, 2 in off sea Noss Head 25 Aug.

***Hobby** *Falco subbuteo* Seven: Whalsay, Shet 28 Jul; Fair Isle 20-21 Jun; Papa Westray, Ork 17-18 Aug; Taurso, Caith 24 Jun; Insh, Inv 8-9 Aug; Oban, Arg 13 Sep; Lochmaben, Dumf 17-18 Jul.

***Gyrfalcon** *Falco rusticolus* Fair Isle, singles 12 Apr (N. Riddiford), 9 Dec white phase imm, and 24 Dec (N. J. Riddiford *et al*). Imm white phase from drilling rig 100 miles NE of Aber 3 Nov, released Ythan 15 Nov, seen there 19-29 Nov, found dead later in winter inland Aber (A. Anderson *et al*).

Peregrine Falcon *Falco peregrinus* Mainland reports generally good breeding season but continues poor in Ork and Shet. Good numbers in coastal areas in winter; max 2 Isle of May 12 Oct.

Red Grouse *Lagopus lagopus* Breeding: mid Deeside stocks average, low in upper Aber/Banff, poor breeding due to heavy snow in May; steady decreases noted Rhum, Inv, NW Renf, Ayr, Kirk, Wig; poor nos Borders; good coveys Arran. Counts and unusual records: Caith, 102 Braemore 31 Jan; Aber, 500 Glas Maol and Vrotachan Jan, 340 Forest of Birse 12 Dec; Midl, 78 Castlelaw 12 Jan; Borders, 49 Hule Moss 21 Nov.

Ptarmigan *Lagopus mutus* Caith, ♂ Smean 11 Apr; Suth, 5 ♀♀ each with broods of c8 Ben Hope 13 Jun; Aber, stocks low with poor breeding Cairnwell, slightly better success Cairngorms; Dunb, pair Ben Vorlich 31 May; continued presence Arran, 6 Caisteal Abhail 15 Jan.

Black Grouse *Tetrao tetrix* Aber, 36 Glen Saugh Jan, 25 Glen Derry 25 Jun, widely distributed but uncommon mid and upper Deeside; Perth, 17 Glen Artney 5 Dec, 17 Tummel Bridge 12 Dec; Midl, 22 West Calder 10 Jan; increase in sightings Borders, 40 Bowhill 14 Apr; Arg, 30 Gruinart, Islay 5 Dec; Lan, 14 at lek East Kilbride District; populations still in flux Ayr, Kirk.

Capercaillie *Tetrao urogallus* Nos still low: Aber, 13 Glen Tanar 24 Feb, 12 Glen Derry Sep, 11 Tullynessle 13 Nov; Angus, 1 Sidlaws 11 Dec; Perth, more reports but still scarce; Fife, 2 prs Tentsmuir; Ayr, ♀ Tarfessock 2 Nov was probably same as in 1977. ♂ hybrid x Black Grouse Glenurquhart, Inv Apr.

Red-legged Partridge *Alectoris rufa* Low nos Aber; Angus, coveys of 11 Glen Clova 25 Sep, 15 Glamis 3 Oct; Perth, 2 Lethendy 15 May; Midl, 30 Harburnhead 13 Dec; Dunb, 1 Gartlea 27 Apr; W Stir, 2 Lennoxton 18 Apr; catastrophic breeding season Borders; scattered sightings of Chukar hybrids Ayr, Kirk.

Grey Partridge *Perdix perdix* Caith, 15 Thurso Jul; Aber, 33 Inverbervie 26 Dec; Perth/Angus, poor season generally; Fife, 5 Methil Docks 10 Jan; good to average nos Loth; good season Borders, Ayr, but few Kirk.

Quail *Coturnix coturnix* Breeding proved Ork where ad B/8 20 Aug; Fife, brood seen Strathmiglo; also suspected breeding at 2 sites Borders. Many summer records: Shet (3), several Fair Isle, Ork (2), O Heb (2), Caith (1), Ross/Inv (10), Aber (1), Perth/Stir (2), I of May (1), Fife (4), Midl (6), E Loth (4), Borders (2), Mull (1), Renf (1), Lan (2), Ayr (1), Wig (1). Also 1 Fair Isle 7 May; Ross, 1 Kirkhill 17 Oct, Aber, 1 Slains 7 May; Midl, 3 Currie mid-Apr; Borders, 1 St Abbs 22-26 May, 11 Sep.

†**Helmeted Guineafowl** *Numida meleagris* Angus, flock of 12 Logie Pert, Montrose 22 Mar-11 Jul.

Pheasant *Phasianus colchicus* Shet, ♂ still present Uyeasound, locally released birds Tresta and Lunna; Ork, max 12 St Ola 11 Nov; O Heb, further spread over Lewis; Caith, spread eastwards; Suth, nest with 23 eggs Dornoch 1 May was product of 2 ♀♀; Borders, 5000 released, 2000 shot Innerleithen; Ayr, 350 shot Kilkerran 20 Oct.

†**Golden Pheasant** *Chrysolophus pictus* Angus, ♂ Leysmill, Arbroath 26 Aug; possible range expansion in Machars, Wig.

†**Silver Pheasant** *Lophura nycthemera* Borders, 1 killed by fox Lilliardsedge 13 Dec is from a new area.

Water Rail *Rallus aquaticus* Breeding: Caith, 1 Newton Moss 18 June; Aber, probably bred Davan juv Strathbeg Aug; Angus, 5 prs bred Kinnordy, pr bred Forfar; Borders, min 10 prs Selkirk-St Boswells; E Dunb/W Stir, 25 prs at 9 sites Cumbernauld/Kilsyth District; Glas, 4 prs Bishopbriggs; Lan, 6 prs + 2 young Lenzie 3 Jul, also bred Stepps; Ayr, min 7 prs New Cumnock. Migrants: Shet, influx from 11 Oct involving min 11 birds; Fair Isle, 1 on

1 Jun, 1st autumn 14 Sep, last on 5 Dec; Aber, 4 singles 28 Sep-8 Nov; 1 killed by Long-eared Owl 1 of May 5 Nov; Borders, main influx St Abbs 9-16 Oct.

***Spotted Crake** *Porzana porzana* Shet, 1 aboard St Clair between Aberdeen and Lerwick 30 Jul, released Mid Yell 31 Jul, 1 Skerries 3-5 Oct; 1 Fair Isle 26 Sep, dead on 27th, 1 on 29 Sep-2 Oct; Aber, 1 Drums 11 Oct; E Loth, 1 calling Aberlady 23 May; Borders, 1 St Abbs 13 Oct; Dunb, 1 Endrick Mouth 28 Aug.

***Sora Rail** *Porzana carolina* one Foula, Shet 30 Nov (F. Rattar)§.

***Baillon's Crake** *Porzana pusilla* one Sumburgh, Shet 9 Nov (M.S. Chapman)§.

Corncrake *Crex crex* Breeding: Shet, 7 calling Unst late May-early Jun, singles at 2 other sites; Ork, 17+ calling, 3 broods totalling 10 young seen Papa Westray Jul; O Heb, min 25 calling birds along 25 miles of road West Lewis 19-20 Jun; Aber, possibly bred Rora; calling birds 1 Heb, Canna (10), Coll (5), Mull (2), Rhum (1), Colonsay (1), 30-35 prs Islay. Also heard calling Caith (4), Suth (1), Ross (2), Moray (1), Dunb (2), Renf (1), Arran (2), Ayr (1), Kirk (1). 1st arrival Lochwinnoch, Renf 24 Apr; late records Fair Isle 29 Sep; Elgin, Moray 29 Sep; Barns Ness, E Loth 7 Oct.

Moorhen *Gallinula chloropus* Breeding: Shet, 2 prs nested, 1 chick seen Culswick 10 Jul; Ork, 9+ prs bred at 3 sites; low nos Caith; Angus, 45 prs bred Kinnordy, good nos reared; Dunb/W Stir, 33+ prs at 15 sample sites Cumbernauld/Kilsyth District; Renf, decrease to 1 pr Paisley Moss; low nos central Kirk. Counts and migration: Fair Isle, 1 on 7 Mar, few 21 Sep-24 Dec; Ork, 18 Voy Sandwick 2 Jan; O Heb, 1 St Kilda 20 Apr; 1 I of May 28 Apr; Fife, 22 Rosyth 9 Oct; W Loth, 23 Glendevon 27 Feb; more records Mull; Lan, 40 SCP 1 Jan.

Coot *Fulica atra* Breeding: Ork, 13 prs noted; 2 prs each reared 1; Angus, 70 prs bred Kinnordy; Midl, 16+ prs noted at 5 sites; W Loth, 16+ prs noted at 6 sites; E Dunb/W Stir, decrease at 6 sites from 16 to 12 prs Cumbernauld/Kilsyth District; Renf, 14 prs reared a total 38 young Kilmaccolm; Kirk, few L Ken. Counts and passage: Ork, 323 L of Harray 13 Dec; Caith, 130 L Scarmclate 12 Dec; Aber, 1150 Strathbeg 25 Oct; Angus, 200 Lintrathen 2 Feb; Perth, 293 Drummond Pond 14 Nov; Fife, 350 Cameron Res 13 Dec; Kinr, 2560 L Leven 3 Oct; W Loth, 343 Linlithgow 12 Sep; Borders, 268 Hirsell 12 Sep; Dunb/Renf, 160 Clyde est 10 Jan, 270 Lochwinnoch 27 Oct; Lan, Woodend L 7 Nov; Kirk, 373 L Ken 18 Jan.

Crane *Grus grus* Four: W Ross, one Laide 25-26 Mar (S. Horton Ormerod); Ork, singles Birsay 20 Apr (E. R. Meek, Mrs Sinclair) and Rendall, Firth 4 May (E. J. Williams), Shet, one Haroldswick, Unst 22-26 Apr, Lund 2 May (I. Spence, Mrs J. T. Thomson).

Oystercatcher *Haematopus ostralegus* Breeding: Fair Isle, 89 prs; Ork, 46 prs Mainland, 167 prs other isles; Inv, 81 prs Canna is high; Arran, only 36 nests; Kirk, increase Upper Minnoch, good nos L Ken. Counts and passage: Fair Isle, peaks 220 on 25 Mar, 265 on 16 Aug; Suth, 1500 L Fleet 28 Feb, 1800 on 19 Dec; Moray, 1315 Findhorn 28 Jul; 2971 Montrose 12 Dec; Perth, 62 inland Dunning 8 Feb; Fife, 3537 Eden est 15 Nov; Midl, 2600 Musselburgh Jan, 3600 in Oct; W Loth, 2000 Dalmeny Jul; E Loth, 2540 Aberlady 17 Sep, 1520 Gosford 27 Nov; Rox, 1st inland Lilliesleaf 4 Feb; Dunb/Renf, 3797 Clyde est 7 Feb, 3532 on 12 Dec; Kirk, 4200 Southwickburn-Southernness 12 Dec, 8800 Southernness-Carse Bay 10 Jan.

***Avocet** *Recurvirostra avosetta* 4 L Fleet, Suth 25 Aug (P. W. D. Lawrence).

Ringed Plover *Charadrius hiaticula* Breeding: No significant comments. Counts and passage: Fair Isle, influx early Sep max 105 on 3rd; Ork, 120 Sanday 8 Feb; Aber, 187 Ythan 22 May, 125 on 26 Aug; Fife, 295 Eden est 30 May; Midl, 131 Musselburgh May, 140 in Aug; E Loth, 275 Aberlady 21 May, 352 on 13 Aug, 420 Tynninghame 22 May; Dunb/Renf, 144 Clyde est 10 Jan; Ayr, 450 Barassie 17 May, 300 on 12-15 Aug.

***Greater Sand Plover** *Charadrius leschenaultii* One Aberlady Bay, E Loth 24 Jun (A. Brown, P. R. Gordon, G. Anderson).

Dotterel *Charadrius morinellus* Breeding: usual nos but poor success in E Grampians and Cairngorms possibly due to dry summer; a few prs reported elsewhere; 1st on nest grounds 9 May. Migrants: Fair Isle, 1 on 5 Oct; O Heb, 1 Uig, Lewis Jul; Fife, 2 Eden est 14 Aug; Arg, 1 Mull of Kintyre 2 Aug; Arran, 1 Beinn Tarsuinn 8 May, 2 Mulloch Buide 21 Aug; Kirk, 2 on 29 May; Dumf, 2 Eastpark 14 May.

Golden Plover *Pluvialis apricaria* Breeding: few changes noted; in Borders high densities in Lammermuirs but very poor year in Tweedsmuir and Cheviot Hills. Counts and passage: autumn nos low in many areas; Fair Isle, main passage 17 Aug-4 Oct max 50 on 3rd and 22 Sep; Ork, 2000 Hatston 11 Nov; Banff, 800 on 12 Oct; Aber, 1000 Maud Apr but autumn max only 605 Pitmeddan 26 Sep; Angus, 630 Arbroath 11 Dec; Fife, 1200 Balcomie 13 Sep; Midl, 1400 northern Middleton 15-16 Apr, 2000 Braidburn, Edinburgh Nov, 1000 Long Hermiston 21 Oct; E Loth, 1500 Tranent 24-30 Sep; Peeb, 1st 10 inland Heathpool 10 Feb; Lan, 3000 Tannochside 28 Sep; Ayr, 2500 Bogside 5 Oct, 2000 Prestwick 3 Nov; Wig, 600 L Ryan 18 Oct.

Grey Plover *Pluvialis squatarola* Fair Isle, only 6 autumn singles; Ork, 27 Sanday 7 May, last spring Orphir 10 Jun; Suth, 19 Dornoch 7 Feb; Aber, 40 Ythan 7 Aug, 6 inland Tippetty 27 Oct; Angus, 15 Montrose 14 Nov; Fife, 76 Tayport 13 Feb, 458 Eden est 14 Dec; Midl, 34 Musselburgh 9 Jan, 54 on 14 Nov, 3 inland Gladhouse 30 Sep; E Loth, 122 Tynninghame 24 Jan, 298 Aberlady 22 Apr, 86 summered, 330 on 16 Sep; Arg, 2 Fidden 4 May is 1st spring record Mull; Dunb, very low autumn nos Clyde est max only 4 Cardross 26 Sep, 1 inland Endrick Mouth 6 Sep, 25 SW Cumbernauld 24 Nov; Lan, 1 Carnwath 28 Aug; Ayr, 1st autumn Bogside 10 Jul, 22 on 5 Oct; Kirk, 150 Southernness-Carse Bay 10 Jan, 85 on 12 Dec.

Lapwing *Vanellus vanellus* Breeding: return many areas early Feb in mild weather; decreases noted Ork, Isle of May, Midl, E Loth, Mull, Renf, Ayr, Kirk, Wig following severe winter; Fair Isle, increase to 7 prs; Ork, good success though fewer prs; Dunb/W Stir, 108 prs Cumbernauld/Kilsyth District; Ayr, very poor success, 8 from 9 prs Shutterflat Moor and 7 prs Dailly failed; Peeb, 40 prs square NT 23. Counts and passage: Fair Isle, peaks 170 on 9 Mar, 230 on 2 Oct; Shet, 1200 Hillwell 12 Nov; Moray, 1150 Findhorn 28 Jul; Aber, 1900 Ythan 14 Feb, 1925 on 24 Nov; Fife, 1500 Longannet 9 Oct; Midl, 2000 Gladhouse 30 Jul and 5 Aug; E Loth, 2000 Fenton Barns 1 Nov; Borders, 2500 Kalemouth 14 Feb; Dunb/Renf, 2584 Clyde est 10 Jan, 2505 on 12 Dec; Lan, 2000 Drumclog 26 Jul; Ayr, 3200 Galston 27 Aug.

Knot *Calidris canutus* Winter-spring: Shet, 250 N Hascosay 11 May; Ork, 50 Sanday 25 May; Suth, 1500 Dornoch 28 Feb; Moray, 1200 Findhorn 25 Apr; Aber, 370 Fraserburgh 28 Feb; Fife, 1500 Kirkcaldy 13 Jan; W Loth, 3000 Dalmeny 5 Feb; Midl, 10000 Musselburgh 26 Jan; E Loth, 2720 Aberlady 6 Feb, 300 summered; Ayr, 300 Barassie 1 Jan; Kirk, 6060 Southernness—Carse Bay 10 Jan, 6 inland L Ken 20 Apr. Autumn: Fair Isle, poor nos max 10 on 12 Aug; Suth, 700 Brora 19 Dec; Moray, 950 Burghead 7 Oct; Angus, 4000 Montrose Dec; Perth, 1st Invergowrie 8 July; Fife, 2500 Kirkcaldy 27 Nov; W Loth, 5000 Dalmeny 29 Dec; Midl, 3 inland Gladhouse 12 Sep, 6000 Musselburgh 13 Nov; E Loth, 4350 Aberlady 29 Nov; Dunb, 6 inland Endrick Mouth 2 Aug; Lan, 1 Glengavel Res 20 Aug.

Sanderling *Calidris alba* Winter-spring: Ork, 194 Sanday 8 Feb, 150 on 25 May; Aber, 250 Balmedie-Ythan 9 May; Angus, 250-300 Barry Buddon 13 Apr; Fife, 50 Kinshaldy 10 Jan; E Loth, 135 Aberlady 22-23 May; Ayr, 60 Barassie 24 May; Dumf, very high nos late May peak 9000 suggests Solway may be major spring staging post in some years. Autumn: low nos; Shet, from 3 Jul max 35 Sumburgh 4 Oct; Ork, 43 Sanday 29 Dec; Aber, 63 Don Mouth 28 Sep; Angus, 150 Dighty Mouth 28 Sep; Midl, 1 inland Gladhouse 13 Aug; E Loth, 96 Aberlady 8 Aug; Dunb, 1 inland Endrick Mouth 7 Aug; Ayr, 1 Barassie 28 Jun, 44 on 5 Aug.

Little Stint *Calidris minuta* Spring: Shet, singles Fetlar 2-3 Jun, Virkie 6 Jun; Ork, 1 Sandwick 29 May; Angus, 1 Buddon Burn 12 Jun; Midl, 2 Musselburgh 16 May; E Loth,

1 Tynninghame 20 Jun. Autumn: poor year, about 70 birds with no more than 3 together; 1st Borgia R, Suth, 17 Jul; last Aberlady, E Loth 27 Nov. Summary of estimated individuals present:

	July	Aug	Sep	Oct	Nov
North (Shet-Suth)	2	10+	10+	2	
East (Moray-Fife)		3	18	5	
SE (Loth)		4	7	1	1
SW (Ayr)		2	4		

***Temminck's Stint** *Calidris temmenckii* Breeding: 1st 2 main site 14 May, pr with 4 young 1 Jul; 1 displaying another site 16 May-11 Jun. Migrants: Shet, 2 Fetlar 28 May, 1 to 31st; Fair Isle, singles 17 Jun and 16 Sep; Inv, 1 Boat of Garten 3 Jul; E Loth, 2 Aberlady 22 May, 1 on 24 May; Ayr, 1 Doonfoot 2 Oct.

***Baird's Sandpiper** *Calidris bairdii* Two: Fair Isle 17-21 Sep (A. V. Moon, N. J. Riddiford, J.J. Sweeney *et al*), Findhorn Bay, Moray 5-6 Oct (B. Etheridge, N. Elkins, W. Taylor *et al*).

***Pectoral Sandpiper** *Calidris melanotos* Six or seven: Shet, Sandness 7 Sep (BPW); O Heb, Benbecula 5 Sep (JJG), Balallan, Lewis 15 Sep (IHL); Aber, Ythan 21 Sep (CRM), possibly same Meikle 25-29 Sep (NP *et al*); Dunb/W Stir, Endrick Mouth 1 Aug (GJB); Kirk, L Ken 20 Aug (MNR)—1st for Galloway.

Curlew Sandpiper *Calidris ferruginea* Spring: Ayr, 1 Barassie 17-18 May. Autumn: about 190 birds 30 Jul-Oct, summary as follows:

	July	Aug	Aug	Sep	Sep	Oct
		1-14	15-31	1-14	15-30	
North (Shet-Inv)		1	7	9	5	1
East (Moray-Fife)		1	10+	20+	30+	3
SE (Loth)	3	2	9	20+	13+	3
W (O Heb-Ayr)		2	6	20+	20+	2

Noteworthy records: Shet, 5 Sumburgh 17 Sep; O Heb, 14 Ardvule, S Uist 12 Sep; Inv, 1 Kilmory 14 Aug (1st for Rhum); Moray, 5 Findhorn 21 Aug; Aber, 10 Ythan 8 Sep; Fife, 13 Edenside 19 Sep; E Loth, 11 Tynninghame 16 Sep; Ayr, 9 Bogside 18 Sep.

Purple Sandpiper *Calidris maritima* Breeding: 1 pr reared 1 + young in usual area. Counts: Shet, 130 Whalsay 1 Jan; Fair Isle, last 1 Jun, return 23 Jul max 30 on 13 Apr; Ork, 550 North Ronaldsay 2 May; Suth, 110 Brora 5 Dec; Aber, 361 Girdle Ness/ Greg Ness 9 Feb; Angus, 165 Arbroath 29 Mar, 7 back 6 Jul; Fife, 106 Kirkcaldy 7 Apr; Isle of May, 173 on 17 Aug; Ber, 157 Eyemouth 1 Dec; Ayr, 114 Turnberry 27 Feb. Birds in Jun Shet (2), Ork (1), Isle of May (3).

Dunlin *Calidris alpina* Breeding: Shet, good season Fetlar; Suth, back 21 Apr; Inv, 1-2 prs at lowland site; Borders, poor season in uplands, 4+ prs West Water; Ayr, no breeding reports; Kirk, again no evidence of breeding; Wig, possibly 1-2 prs remain. Counts and passage: Fair Isle, mainly 9 May-14 Jun, 1 Aug-22 Sep max 10 on 18 May; Suth, 1500 Dornoch 28 Feb; 1500 Ardersier 31 Jan; Moray, 1600 Findhorn 24 Jan; Angus, 1356 Montrose 12 Dec; Fife, 1566 Eden est 14 Dec; W Loth, 2000 Dalmeny 22 Jan and 29 Dec; Midl, 2400 Musselburgh 9 Jan; Arg, 1000 S in fog Mull of Kintyre 2 Aug; Dunb/Renf, 2668 Clyde est 10 Jan, 1426 on 12 Dec; Ayr, 950 Barassie 20 Feb; Dumf, 850 Inner Solway 23 Jul.

***Buff-breasted Sandpiper** *Tryngites subruficollis* Three records: Shet, Skerries 17 Sep (D. M. Pullan); O Heb, North Uist 18 Sep (K. Fairclough)§; Edenside Fife 18 Sep (I. G. Cumming, Mrs W. Mattingley)§.

Ruff *Philomachus pugnax* Winter-spring: Shet, 3 in May-Jun; Fair Isle, 1 on 19-21 May; Ork, 6 in Mar-Apr; O Heb, 2 displaying ♂♂ and 1 ♀ 15 Jun; Aber, max 6 Ythan 16 May;

Angus, 3 Montrose 18 Apr; Perth, Invergowrie 6-22 Apr max 2; Fife, 7 Eden est 9 Mar; Midl, 1 in Jan, 1 in Apr-May; E Loth, max 17 Gosford 9 Feb; Renf, 3 in Apr; Dunf, 3 Caerlaverock 13 May. Autumn-winter: low nos except in N; Shet, peaks 60 Hillwell 8 Sep, 57 Dun and 50+ Whalsay 20 Sep; Fair Isle, two main waves 19-26 Aug and 20 Sep-5 Oct max 17 on 22 Sep; Ork, late 1 Firth 30 Nov; Caith, max 17 on 22 Sep; Ork, late 1 Firth 30 Nov; Caith, 20 L Watten 15 Aug; Aber, from 24 Jul max 35 Drums 5 Oct, later 19 Slains 23 Nov; Angus, 11 Dun's Dish 10 Aug; Fife, 8 Eden est 22 Aug-19 Sep; W Loth, 12 Kinneil 29 Aug; Midl, 12 Musselburgh 3 Oct; E Loth, max only 11 Aberlady 6 Sep; Arg, 1 Fiddon 23 Sep (2nd for Mull); Lan, 13 Summerston, Glasgow 7 Sep; in SW peaks only 5 Highfield, Ayr 6 Aug and 5 L Connell, Wig 4 Sep.

Jack Snipe *Limnocryptes minimus* Very poor year. Winter-spring: N of Forth-Clyde Jan-Apr only Shet (+), Aber (3) and Caith (1); peaks elsewhere Ber, 4 Reston 3 Jan; E Loth, 4 Longniddry 9 Jan; Ayr, 4 Prestwick 1 Apr; Lan, 5 Possil Marsh 6 Jan; late bird Unst, Shet 1 Jun. Autumn-winter: widespread singles from 2 Sep; peaks only Shet, 9 Skerries 28 Sep; Fair Isle, 11 on 5 Oct; Ross, 5 Munloch Bay 23 Oct; Renf, 5 Paisley Moss 29 Oct and 15 Nov; Ayr, 10 Prestwick 30 Nov.

Snipe *Gallinago gallinago* Breeding: Shet, 1st drumming Unst 6 Mar; Fair Isle, further increase to 19 prs; Suth, 21 prs Handa; Angus, 10 prs Kinnordy; Borders, poor year; possible decreases E Ross, Rhum and Kirk/Wig. Counts and passage: Fair Isle, max 75 on 18 Sep; Ork, 140 Houton-Cumminess 10 Oct; Angus, 100 Kinnordy 7 Nov; Dunb, 120 Dullatur 8 Nov; Ayr, 200 Bogside 16 Sep.

Woodcock *Scolopax rusticola* Breeding, only status comment was slight decrease Glentool, Kirk; 1st roding 26 Feb Aber, late Feb Midl. Counts and passage: Shet, 15 Skerries 8 Nov; Fair Isle, poor spring passage, large influx 5-14 Nov max 250 on 6th; Caith, 12 Olrig Woods 3 Feb is high for there; Isle of May, 60 on 5 Nov; Inv, 50 Canna Jan; Ayr, influx Upper Minnoch 27 Oct-7 Nov; small nos widespread on E coast during Nov influx.

Black-tailed Godwit *Limosa limosa* Breeding: Shet, 1 pr usual site fledged 2 young, unsuccessful pr in new area. Counts and passage: Shet, 7 Virkie 13 Sep; Ork, 9 L of Brockan 1 Sep; Aber, 8 Ythan 26 Aug; Angus, 6 Kinnordy 11 Aug; Fife, 76 Eden est 14 Mar; 60 on 15 Nov is low; W Loth, 8 Blackness 12 Oct; Peeb, 6 West Water 13 Jun is 1st county record; Dunb, 35 Endrick Mouth 5 May; Ayr, 8 Barassie 27 Jul; Dumf, 70 R Nith 16 Apr, 8 Caerlaverock 1 Nov.

Bar-tailed Godwit *Limosa lapponica* Counts and passage: Shet/Fair Isle, only 3 spring migrants, autumn max 12 in Sep; Ork, 400 Sanday 9 Sep; Suth, 1500 Dornoch 28 Feb; Ross, 1200 Ardersier 31 Jan; Moray, 2000 Findhorn 5 May; Angus, 20 back Broughty Ferry 28 Jun; Fife, 1233 Eden est 14 Dec; Midl, 1200 Musselburgh 5 Dec; E Loth, high nos Aberlady peaks 3240 on 26 Jan, 1700 on 29 Nov; Arg, 240 L Indaal, Islay 17 Jan; Kirk, 4000 Southwickburn-Southernness 10-14 Jan, 3000 Southernness-Carse Bay 10 Jan.

Whimbrel *Numenius phaeopus* Breeding: Shet, 1st 20 Apr, 1st chicks Fetlar 17 Jun, last 14 Sep; Ork, 6-7 prs N Isles; Scottish Mainland, 1 pr hatched 1+ young, 1+ fledged. Counts and passage 23 Mar (early)—20 Oct nos generally low: Fair Isle, 12 on 3 May; Ork, 10 South Ronaldsay 19 Oct; Inv, 1 Rhum 23 Mar, 10 Tarradale 15 Jul; Aber, 18 Peterhead 6 Aug; E Loth, 54 Tynninghame 1 Aug, 22 on 15 Aug; Ber, 13 St Abbs 1 Aug; Wig, unusual record of 100+ Leswalt 6 May; Dumf, 12 Caerlaverock 6 Sep.

Curlew *Numenius arquata* Breeding: Shet, good season; Fair Isle, 5 prs fledged 7 young; Ork, 71 prs counted; Aber, confined at only 12 Atlas sites; W Stir, 15 + prs Campsie Fells; Ayr, decrease to 10 prs Barrhill area; Kirk, now very scarce Glentool and few L Ken. Counts and passage: Fair Isle, max 45 on 24 Aug; Ork, 1000 South Ronaldsay 26 Jan and 30 Dec; Aber, 990 Sandhaven 3 Oct; Isle of May, max 180 on 10 Oct, W Loth, 500 Dalmeny 5 Jul; E Loth, 725 Aberlady 16 Sep; Dunb/ Renf, 701 Clyde est 7 Feb; Ayr, 600 Blairbowie 13-17 Mar, 600 Meikle Craigs 30 Nov.

Spotted Redshank *Tringa erythropus* Winter-spring singles: Moray, Findhorn 9 May;

Aber, Ythan 2nd and 16 May; Angus, Montrose 18 Apr, Fife, Eden est 2 Jan, Balcomie 24 May; Midl/W Loth, Dalmeny/Cramond 22 Feb-4 May; E Loth, Tynninghame 25 Apr and 2 May; Renf, L Thom 6 Apr. Autumn passage from 2 Aug mostly singles, Summary:

	Aug 1-14	Aug 15-31	Sep 1-14	Sep 15-30	Oct	Nov
North (Shet-Inv)	3	6	1	2		
East (Moray-Fife)	4	7	10+	5	3	
SE (Loth/Peeb)	4	2	5+	1	2	2
W (O Heb-Kirk)	4	3	4	3	2	1

Noteworthy records: Aber, 6 Ythan 28 Aug; E Loth, 3 Tynninghame early Aug, 4 Aberlady 6 Sep; W Loth, 1 Dalmeny 6 Nov-29 Dec; Peeb, 1 West Water 12-18 Sep seems to be 1st for county.

Redshank *Tringa totanus* Breeding: Aber, confirmed at only 2 Atlas sites was only comment of note. Counts and passage: Fair Isle, max 120 on 3 Sep; Moray, 1190 Findhorn 22 Aug; Aber, 901 Ythan 21 Oct; Angus, disastrous year with 270 dead Montrose 12-22 Jan during severe weather, only 500 live birds Jan when 1500 normal, peak 771 on 17 Oct is low; Fife, 855 Eden est 15 Nov; Dunb/Renf, very low nos Clyde est, peaks only 3138 on 28 Mar, 2574 on 12 Dec; Kirk, 1000 Carse Bay 3 Oct.

Greenshank *Tringa nebularia* Breeding: Perth, normal numbers was only comment; did not breed Shet. Counts and passage generally low: Moray, 8 Findhorn 11 Sep; Aber, 18 Ythan 26 Aug, 13 on 18 Sep; Fife, 7 Eden est 19 Sep; E Loth, 10 Tynninghame 23 Aug; Renf, 16 Woodhall 28 Mar, 26 on 24 Oct; Wig, 13 Gairlieston 26 Aug; Dumf, 8 Caerlaverock 3 Aug. Wintering birds: Ross/Inv, 7-12; Banff, Jan (2); Aber, Jan, Dec; Fife, Jan; E Loth, Jan; Dec; Arg, Jan (8), Dec (3); Dunb/Renf, Jan (8), Dec (8); Ayr, Jan (2); Kirk/Wig, a few.

Green Sandpiper *Tringa ochropus* Winter-spring singles; Shet, Whalsay 19 Apr, Foula 4 May; Fair Isle, 8-9 May and 2 Jun; Ork, North Ronaldsay 3 Jun; O Heb, Balranald 14 May; Aber, Greg Ness 14 Apr; Angus, Kinnordy 5 May; Ber, Eyemouth 22 Apr; Arg, Coll 28 May; Ayr, Tarholm Jan-1 Apr. Autumn passage poor: Fair Isle, 31 Jul-29 Aug 1-3 except 4 on 4th and 23 Aug; Ork, 17 between 13 Jul-14 Sep; elsewhere only 44 between 13 Jul-18 Sep: Shet (2), Caith (1), Inv (1), Aber (7), Angus (4), Perth (2), Fife (2), E Loth (3), Ber (3), Arg (3), Dunb (3), W Stir (2), Renf (1), Lan (5), Ayr (4), Dumf (1). Late birds: Aber, Fintry 22 Oct; E Loth, Tynninghame 11 Oct; Lan, Lamington to 15 Oct, perhaps same 9 Dec.

***Wood Sandpiper** *Tringa glareola* Breeding: Inv, 1st at main site 8 May, 2-3 prs bred, last 8 Jul; singles at suitable sites Caith 27 May and Ross in May; West Central Scotland, bird songflighting in Jun at one area. Passage nos low: Fair Isle, 2 on 4 May, singles 10th, 14th, 24th, 26th, 29th Aug, 2 on 25th and 30 Aug; O Heb, Baleshare, North Uist 4 Aug; Caith, Broubster 27 May; Aber, Strathbeg 15 May; Angus, Forfar 22 May; Vane Farm 23 Jul; W Loth, Bangour 28 Aug; E Loth, 1 Aberlady 14-15 May, 2 on 16-17 May, 1 on 31 May, 1 on 8 Jun, 1 Barns Ness 23 Sep; Borders, Bowhill 21 Aug; Ayr, Bogside 2 Oct; Dumf, Caerlaverock 13 May.

Common Sandpiper *Actitis hypoleucos* Breeding: Shet, 8 Prs; Midl, 8-9 prs Grencorse/Loganlea; W Stir, decrease from 4 to 1 pr sample area Carron Valley; Arran, 35 prs; Ayr/Kirk, good nos Upper Minnoch. Winter: 2 West L Tarbart, Arg 16 Jan. Spring arrival: 1st Dunure, Ayr 5 Apr; 7 Apr Arg; most 1st dates 10-18 Apr; 1st in Ork/Shet 8 May. Counts: Inv, 39 Insh 14 Jul; Perth, 19 Faskally 5 May; Midl, 18 Glencorse/Loganlea 6 Jul; Peeb, 24 West Water 12 Aug; Arg, heavy passage Mill of Kintyre 23 Jul-10 Aug max 40 on 2 Aug at 0200 hrs; W Stir, 35 Newshot 21 Jul; Ayr, 20 Bogside 28 Jul. Last records Banff 23 Oct; Balgray Res, Renf 13-19 Nov; Arg, Mull 26 Nov.

***Spotted Sandpiper** *Actitis macularia* O Heb, one St Kilda 22-23 May (A. Bennett, J. J. Gordon).

Turnstone *Arenaria interpres* Counts and passage: Shet, largest summer flock 63 Whalsay 30 Jun; Fair Isle, high nos, 126 on 10 Mar, 175 on 7 Nov, 300 on 27 Dec (record count); Ork,

317 Sanday 8 Feb, usual summering; Inv, 1-2 Muck 6 Jun, 1 L Insh 14 Jun; Moray, 56 Speymouth 11 Jun; Aber, 765 Fraserburgh-Rosehearty 27 Mar, 600 on 4 Sep, small nos summered; Isle of May, present all year max 269 on 2 Sep; Midl, 390 Musselburgh 6 May; E Loth, 277 Gosford 27 Nov; Peeb, 5 West Water 23 May; Dunb, 16 Endrick Mouth 1 Aug; Ayr, 220 Barassic 16 Apr.

***Wilson's Phalarope** *Phalaropus tricolor* Adult ♂ Fetlar, Shet 28 May-1 Jun (D. Bird, D. W. Burns, S. R. Cale *et al*).

Red-necked Phalarope *Phalaropus lobatus* Breeding: Shet, 1st ♀ Fetlar 23 May, estimated 16-21 prs, 1st chicks 30 Jun, 1st juvs 19 Jul, last adult 13 Aug, last juv 17 Aug, 2 birds Jun at another locality but no evidence of breeding; O Heb, 1 pr failed, 2-3 prs reared some young; Scottish Mainland, pair present, no proof of nesting. Migrants: Ork, 2 Sanday, 18 May, 1 Westray 13-14 Aug.

***Grey Phalarope** *Phalaropus fulicarius* Seven: Ork, North Ronaldsay 4 Nov (J. Cutt); O Heb, Bragar, Lewis 11 Sep (IHL), South Uist 12 Sep (CJS); Arg, off Tiree 20 Sep (RFC), Ayr, Doonfoot 30 Sep-2 Oct (JD, RHH *et al*), Troon 21 Nov (BCF, JK); Wig, Corsewall Pt (RWF, SW).

Pomarine Skua *Stercorarius pomarinus* Spring: Shet, 1 Boddam 16 May, 1 Sandwick 20 May; O Heb, large passage Balranald early May max 347/3 hrs on 4th; Suth, 5 Stoer 25 Apr; Midl, 3 inland Gladhouse 2 May; Arg, 1 Sound of Mull 2 May; Dumf, flock of 21 up Solway 3 May. Autumn: 117 between 7 Aug-19 Dec summary as follows:

	Aug	Sep	Oct	Nov	Dec
North (Shet-Inv)	5	2	8	3	3
East (Banff-Fife)		11	24	42	2
SE (Loth)	2	8	4		
SW (Ayr)	1			2	

Peaks: Banff, 3 Buckie 14 Oct; Aber, 5 Peterhead 6 Nov, 8 on 7th, 6 on 12th, 5 on 21 Nov; Isle of May, 3 on 15 Oct; E Loth, 3 Barns Ness 6 Oct.

Arctic Skua *Stercorarius parasiticus* Breeding: Shet, 30 prs Whalsay, 1st fledged 14 Jul; Fair Isle, 100 prs but poor success; Ork, survey of most islands gave 1033 occupied territories (717 in 1974) including 407 Hoy, 101 Eday, 96 Papa Westray; O Heb, 20-30 prs Lewis, 54 prs North Uist, 6-10 prs Benbecula; Suth, 19 prs Handa. Migration: Shet, 17 Apr-25 Oct; Fair Isle, 14 Apr-25 Sep; Ork, last 4 Scapa Bay/ Stenness 4 Dec; Ross, 1 Lentrán 14 Nov; Inv, 1 NE L Lochy 1 May, 1 Insh 7 May, 1 L Mallachie 12 Nov; Aber, from 17 Apr, peaks 119 N Peterhead 20 Aug, 115 N on 21st, 80 N 40 S on 25 Aug, last 10 N Coldwells 7 Dec; Angus, 2 inland Kinnordy 25 Jul; Isle of May, max 25 on 8 Sep, singles to 7 Dec; Fife, 58 S Fife Ness 5 Sep, last 2 St Andrew's 4 Dec; W Loth, peaks 70 W Hound Pt 19 Sep, 88 W on 24th, 75 W on 25 Sep; Midl, 38 Musselburgh 5 Sep, last on 27 Nov; E Loth, 47 S Barns Ness 5 Sep; Ber, 21 St Abbs 6 Sep; Arg, 1st Mull 14 Apr; W Stir, 1 inland L Arklet 3 May; Ayr, 3 late singles Nov; Dumf, 1 Inner Solway 16 Nov-19 Dec.

***Long-tailed Skua** *Stercorarius longicaudus* Shet, 1st summer Fetlar 10 Jul; Fair Isle, 1st summer 6th, 14th, 21-23 Jul, another on 17 Aug; Ork, Hoy 28 Jun-7 Jul, Birsay 7 Sept; O Heb, 3 Balranald 7-8 May; Aber, juv Peterhead 23 Oct; W Loth and South Queensferry-Hound Pt 24-25 Sep; Midl, 2 immns Musselburgh 25 Sep.

Great Skua *Stercorarius skua* Breeding: Shet, 1st chicks Noss 8 Jun; Ork, survey of most islands gave 1652 occupied territories (482 in 1974) including 1573 Hoy; O Heb, 35 prs St Kilda, 20 prs Lewis, 2 prs Shiant; Suth, 38 prs Handa is further increase. Migration: Shet, 27 Mar-25 Oct, Fair Isle, 25 Mar-early Nov; Ork, 1 Pentland Firth 12 Feb, 1 Stromness 26 Dec; Caith, 29 Noss Hd 9 Aug; Ross, 6 Chanonry Ness 7 Oct; Aber, from 6 Apr, peaks only 33 N Peterhead 21 Aug, 41 N on 28 Aug, last singles Peterhead and Coldwells 4 Dec; Angus, 1 inland Kinnordy 11-12 May; Isle of May, max 15 on 12 Oct, singles 4th, 7 Dec; Fife, % N Fife Ness 7 Oct, last Kirkcaldy 28 Nov; W Loth, peaks 33 W Hound Pt 24 Sep, 31 W 8 E on 1 Oct; E Loth, 6 Tynninghame 5 Oct; Ber, 10 St Abbs 6 Sep; Arg, 1 Mull 24 Nov.

***Mediterranean Gull** *Larus melanocephalus* Six: Suth, ad Brora 12 Oct (IA); Banff, 1st Y on 17 Oct (CND *et al*); Aber, ad Fraserburgh 26 Aug (PRG); Fife, ad Kilconquhar 26 Sep (DLC); Midl, 1st Y Musselburgh 7 Nov (LLJV); Ayr, ad Irvine 2 Mar (JLB).

Little Gull *Larus minutus* Shet, 1 Fetlar 26th, 3 on 30 Aug, 1 Sumburgh 31 Dec; Ork, 4 singles May-Aug; O Heb, 2 in May, 1 in Sep; Caith, 1 Thurso 4 Jan; Banff, 1 Deveron 28 Jun; Aber, 14 Between Feb-Jun max 7 Girdle Ness 3 Mar, 27 between Aug-Nov max 3; Angus, recorded all year but max only 50 Arbroath 3 Jan, 27 Barry Buddon 12 Jun; Isle of May, singles 14 Sep, 14 Oct; Fife, max 50+ Fife Ness 5 Oct; Loth/Ber, 5 in May-Jun, 35 between Aug-Nov peaks 6 Gosford 30 Oct, 14 Musselburgh 14 Nov; Renf/Dunb/Lan/W Stir, 11 between Apr-Sep max 3 Rowardennan 29 Aug; Ayr/Arran, 4 in Jan-Feb, 1 in May, 1 in Jul, 3 in Sep; Dunf/Kirk/Wig, 1 in Jan, 4 in Aug-Sep.

***Sabine's Gull** *Larus sabini* Six, Fair Isle, 1st Y on 11 Sep; O Heb, Butt of Lewis 12 Sep (IHL); Ross, imm, Chanonry Ness 30 Sep (RHD, RAB); Ayr, juv Dunure (JKRM), ad Troon 26 Oct (JK), off Ardrossan 25 Nov (CO), probably same Brodick-Ardrossan crossing 22 and 25 Nov.

***Bonaparte's Gull** *Larus philadelphia* Adult Fetlar, Shet 25 Jun-11 Jul (J. N. Dymond *et al*).

Black-headed Gull *Larus ridibundus* Breeding: Shet, only 17 prs Fetlar; Angus, 6000 prs Kinnordy, good success; Perth, 500 prs L nan Eun, increase to 300 prs Blair Drummond, 200-300 prs Bterstone Mill Dam; Midl, 1200 prs North Esk Res; Borders, survey gave about 5000 prs, biggest sites 2500-3000 prs Bemersyde success not known, 1870 prs West Water very successful; Renf, increase to 500+ nests Lochwinnoch with reasonable success; Kirk, 720 prs L Ken, 400 prs L Enoch; Wig, 500 prs Sandhead, 500 prs L Doon Hill. Counts: Inv, 3700 L Garten 31 Mar; Aber, 8000 Skene 20 Mar; Midl, 3290 Seafield 12 Dec; Borders, 4500 Crailing 19 Mar; Dunb/Renf, 11700 Clyde est 10 Jan, 7200 on 27 Aug; Lan, 6000 Hogganfield L 29 Dec; Ayr, 3000 Irvine Mar.

***Ring-billed Gull** *Larus delawarensis* Shet, imm Lerwick from 1981 to 25 Mar (DC *et al*), 1st Y Scalloway 4 Feb-12 Apr (MSC, DC), 1st Y Lerwick 29 Aug (SJR)§, ad Virkie 11 Sep (RE-H)§, 2nd Y Scalloway Dec (MSC *et al*)§; O Heb, 1 Bragar, Lewis 11 Feb (PME), Balranald 9 May (JGH) §, South Uist 17 Jul (JJS)§.

Common Gull *Larus canus* Breeding: Shet, good season; Ork, 129 prs Papa Westray; Perth, apparent increase in scattered prs on rivers; Renf, 250 prs L Thom reared 60-80 young; rran, 41 nests averaged 3 eggs; Kirk, continued decrease Glentroot lochs, only 3-4 prs L Skerrow. Counts and passage: Fair Isle, autumn max 450 on 16 Aug; Ork, 7000 Bay of Skail 24 Nov; Aber, 30000 Skene 20 Feb, 35000 on 7 Nov; Midl, 7700 Portobello-Seafield 10 Jan; Peeb, 16000 West Water 24 Mar; Ayr, 10000 Meikle Craigs 30 Nov.

Lesser Black-backed Gull *Larus fuscus* Breeding: Shet, 10 prs Fetlar, only 1 pr Noss; Fair Isle, good success; Ork, 52 prs Papa Westray, 1 pr Sule Skerry 1st breeding there; Firth of Forth, 30 prs Bass Rock, 215 prs Craigeleith, 50 prs Fidra. Counts and passage: Fair Isle, 20 Mar-18 Oct max 200 on 20 Aug; Inv, none inland summer Glenurquhart is unusual; Aber, 150 Correen Hills 29 May; Angus, 505/1 hr Arbroath 12 Aug; Midl, 111 Silverburn 15 Jul; Renf, 240 Balgray Res 21 Nov; Lan, 110 Gadloch 2 Oct; Ayr, 550 Doonfoot 6 Apr; Arran, 500 Lamlash 31 Aug. Winter: Ork, 6 in Feb; Inv, 1 Longman 25 Feb; widespread in small nos S from Aber, Jan, Feb, Dec. Scandinavian birds: Ork, Papay sound 23 Jun; Aber, 5 N Girdle Ness 8 Spr, 1 Ythan 11 Nov; Midl, Musselburgh 6 Feb, 17 Feb, 2 Apr, Flotterstone 31 Mar.

Herring Gull *Larus argentatus* Breeding: fair Isle, good season; Suth, 147 prs Handa (214 in 1981); Inv, further increase to 1212 prs Canna; Isle of May, still under 3000 prs; Firth of Forth, 150 prs Bass Rock, 250 prs Fidra; Ayr, 190 prs Currarie-Portandea. Counts: Shet, 10000 Spiggie 8 Dec; Fair Isle, 4830 on 27 Oct; Midl, 25000 Leith-Portobello 10 Jan; Dunb, 5410 Fannyside L 9 Oct; Ayr, 5000 Nethermains 3 Jan.

Iceland Gull *Larus glaucooides* About 180 birds, a very good year: max counts and records of note: Shet, c17 in Feb; Fair Isle, 7 on 29 Dec; Ork, 4 Stromness 28 Dec; O Heb, 17 Stornoway Feb, 13 on 31 Dec; Suth, 12-15 Achmelvich Bay 24-27 Apr; Inv, Canna 3-6 Apr

(1st for island); Aber, 24 Jan-May max 4 Fraserburgh, 6 in Oct-Dec; Fife, 5 Fife Ness 1 Aug, 2 Kilconquhar 5 Aug; Midl/E Loth, 3 in Jan-Apr, 2 in Dec; Renf, Balgray Res 24 Feb, Port Glasgow 21 Dec; Lan, Gadloch 25 Dec; Ayr, 3 in Jan-Apr, 3 in Dec; Kirk, NW Loch Ken 19 Dec.

Glaucous Gull *Larus hyperboreus* Recorded all months but low peaks: Shet, max 10 L of Cliff 7 Feb; Fair Isle, peaks 4 on 21 Oct, 7 on 17 Nov; Ork, max only 2 Skail 15 Jan; O Heb, 8 Stornoway Feb, 11 Benbecula Feb, 5 Stornoway 31 Dec; Aber, peaks 9 Fraserburgh 16 Jan, 5 on 11 Dec; singles various coasts S to Ber and Wig; Isle of May, 2 on 5 Nov; Fife, 3 Glenrothes 10 Jan, 2 Kirkcaldy 20 Nov; Midl, 2 Seafield 23 Jan; E Loth, 3 Dunbar 8 Feb; Ayr, 22+ during year, daily max 7 Ayr Feb; Kirk, 1 Loch Ken 13 Mar.

Great Black-backed Gull *Larus marinus* Breeding: slight increase to 40 prs Rhum, Inv. Counts: Fair Isle, 1600 on 28 Apr, 2320 on 27 Oct; Ork, 1300 Westray 24 Jun; Aber, 1600 Strathbeg 6 Aug; Isle of May, 2582 on 17 Oct.

***Ross's Gull** *Rhodostethia rosea* Adult Scalloway, Shet 26 Dec into 1983 (B. P. Walker, M. S. Chapman *et al*).

Kittiwake *Rissa tridactyla* Breeding: Shet, 50 prs Clett, Whalsay (128 in 1974); Fair Isle, excellent season; Ork, decrease Auskerry; Inv, small increase to 991 prs Canna, 1719 prs Rhum (1413 in 1981); Isle of May, still increasing; Firth of Forth, 670 nests Craigleith, 483 nests Fidra; E Loth, 133 nests/166 young Dunbar Harbour; Ber, slight decrease St Abbs; Kirk, good nos nests Meikle Ross but no eggs or young 23 Jun. Counts and passage: Moray, 2600 E/hr Lossiemouth 14 Oct; Aber, largest 5500 N 4000 S/1 hr Peterhead 26 Jun, 9000 N/1 hr ob 21 Aug; Angus, flock 6000 Budon Ness 14 Jul; W Loth, 3000 W/2 hrs Hound Pt 11 Apr. Inland: Inv, NE Loch Lochy 1 May, Insh died 5 Feb, dead 24 Mar, 31 Oct; Midl, Cobbinshaw 13 Nov; Borders, dead Portmore 14 Mar, on Tweed 9 May; Lan, Summerston 16 Nov; Kirk, dead Kenmure 24 Feb, dead Dunveoch 15 Mar.

***Caspian Tern** *Sterna caspia* Two records: O Heb, Sound of Barra 9 Jun (A. Strand); ad Broom Point, L Ken, Kirk 8-10 Jul (R. G. Hawley, Miss J. E. Howie).

Sandwich Tern *Sterna sandvicensis* Breeding: Ork, increase to 228 prs 4 sites; Aber, c1500 prs Forvie, good season 1 young per pr fledged; Forth, 478 prs Inchmickery; Ayr, 11 prs failed Horse Island. Winter: Fife, Kirkcaldy 6 Dec; W Loth, Hound Pt 31 Jan, 14 Feb; Midl, Musselburgh 6-7 Feb; E Loth, singles 6 sites Jan, Feb, Nov; Ber, Cove 19 Jan, Counts and passage: Shet/Fair Isle, 3 in May-Jun, 3 in Sep; Ork, 24 Mar-4 Oct; Aber, 1st N Peterhead 23 Mar; Angus, last Auchmithie 17 Oct; Isle of May, 18 Apr-12 Oct max 34; Fife, 1st 2 Fife Ness 29 Mar, 800 Culross 4 Sep; W Loth, 550 Dalmeny 19 Aug; Midl, 1300 Musselburgh 22 Aug, last 29 Nov, 1 inland Gladhose 18 Sep; Dunb, 24 SW Cumbernauld 26 Aug; Renf, 10 W/5 mins Erskine 27 Aug.

***Roseate Tern** *Sterna dougallii* Breeding: 14 prs Inchmickery was only report. Records: O Heb, 1 Vorrán Is, South Uist 7 Jun; Fife, 2 Anstruther 12 May, 2 Shell Bay 22 May, 5 Kirkcaldy 14 Aug; E Loth, 1 Aberlady 13 May; Ayr, singles Troon 13 May, Bogside 14 Jul.

Common Tern *Sterna hirundo* Breeding: Shet, 55 prs Fetlar had good success; Fair Isle, 50 prs fledged 60 young; O Heb, poor season Lewis; Suth, 60 prs Farr Bay; Aber, 170 prs Strathbeg had good season, 150-200 prs Forvie had better season than recent years; Angus, unsuccessful colony 50 prs; Isle of May, 14 prs/17 young; Forth, 415 prs Inchmickery; Midl, 160 prs Leith Docks; E Lth, poor season; Renf, decrease to 10 prs L Thom, no success; Ayr, 58 prs Horse Island; Wig, 25 prs L Connell. Arrivals: 1 Dunnet Bay, Caith 14 Apr; 2 Lunan Bay, Angus 22 Apr. Last records: 2 Drums, Aber 5 Oct; 1 Lerwick, Shet 12 Oct. Count: 900 Strathbeg, Aber 6 Aug.

Arctic Tern *Sterna paradisaea* Breeding: Shet, early season, fledged young 5 Jul, replacement clutches still had unfledged young mid Aug; Ork, good nos chicks most colonies; O Heb, largest colony vandalised and deserted; Inv, pr bred Canna (1st since 1950s); Aber, 150-200 prs Forvie had better season; Angus, 36 prs at 2 colonies; E Loth, poor success;

Ayr, 257 prs Horse Island, 17 prs fledged 2 young Ballantrae; Arran, 18 prs Machrie 23 May. Arrivals: 1 St Andrews, Fife 15 Apr; 42 North Ronaldsay, Ork 28 Apr. Last records: Girdle Ness, Aber 4 Oct; Uyeasound, Shet 22 Oct. Count. 800 Edenmouth, Fife 17 Jul. Late records of "commics": Shet, Toft 3 Nov; Borders, Paxton 5 Nov, Thornilee 18 Dec.

Little Tern *Sterna albifrons* Breeding: O Heb, 4 prs Lewis, 16 prs Heisker, 15 prs Barra; Suth, pr failed L Fleet; Aber, 48 prs Forvie fledged under 10 young due to bad weather; Angus, 35 prs at 5 sites but only 3 young fledged; E Loth, 78 prs, moderate success; Arg, increase Islay, 40 birds at one site (26 in 1981), 20 birds at 2 new sites; Ayr, 4 prs/2 fledged young Ballantrae. Arrivals: 2 Aberlady, E Loth 21 Apr; 3 Bogside, Ayr 25 Apr; las Hound Pt, W Loth 25 Sep. One Douglass, Ber 20 Jun appears to be first documented record for Borders.

***Black Tern** *Chlidonias niger* Spring: Aber, Meikle 8 May; Angus, Carnoustie 24 Jun; Dumf, 2 Lochmaben 16 May. About 45 in autumn 12 Jul-6 Oct: Ork, Yesnaby 12 Jul, 2 Deerness 5 Aug; O Heb, North Uist 3 Sep; Moray, Speymouth 3 Oct; Aber, Don 28 Aug, Peterhead 11th, 29 Sep; Angus, 2 Clatto 9 Sep, 1 to 24th, Arbroath 19 Sep, Westhaven 27 Sep; Fife, Anstruther 21 Sep; W Loth, 3 Hound Pt/Dalmeny 29 Aug, 5 on 18 Sep, 1 on 19-20th, 1 on 24th, 2 on 2 Oct; Midl, Musselburgh 7th, 15th, 20th, 27 Sep, 2 Cramond 29 Sep; E Loth, Skateraw 4 Aug, Aberlady 22 Aug, 20 Sep; Dunb, Fannyside L 18 Sep, Ardmore 26 Sep; W Stir, Kilsyth 2-3 Aug; Renf, 2 Langbank 13 Sep; Ayr, Greenan 28 Sep; Dumf, Lochmaben 22 Sep, 3 on 26th, 5 on 27-28th, 2 on 29th-6 Oct.

***White-winged Black Tern** *Chlidonias leucopterus* Adult Fair Isle 9-12 May (N. Riddiford *et al*); adult Walls, Shet 13-17 May (D. Coutts, C. Jamieson, R. Johnson).

Guillemot *Uria aalge* Breeding: Shet, Sumburgh colony still expanding; Fair Isle, excellent season, nos static after period of annual increases; Ork, good season; Inv, still increasing Canna at 10% pa, Rhum average at 3870 birds; Kinc, mean Jun count Fowlsheugh 39000; Forth, 2250 sites Bass Rock, 1800 birds Craigeleith, 1500 birds Lamb; Ber, sample counts St Abbs suggested nos static; Kirk/Wig, 3000 birds Scar Rocks.

***Brunnich's Guillemot** *Uria lomvia* Suth, 2 found dead Brora 3 Feb and Golspie 24 Dec (A. R. Mainwood).

Razorbill *Alca torda* Breeding: Fair Isle, nos static, good season; Shet/Ork, no data on success; Inv, further increase to 665 birds Rhum; Aber, 250 occupied sites/108 fledged young Bullars of Buchan; Kinc, mean Jun count Fowlsheugh 8000; Forth, 74 sites Bass Rock, 57 sites Craigeleith, 33 sites Fidra; Ber, sample counts St Abbs suggested small decrease. Inland: 1 Endrick Mouth, Dunb 13 Sep after gales.

Black Guillemot *Cephus grylle* Breeding: Fair Isle, 150-180 prs; Ork, sample 72 nests Papa Westray 4 July had young; Aber, 1 pr bred; Renf, 2 prs Port Glasgow shipyard; Ayr, up to 20 prs Portandea, 2 prs Ardrossan reared 4 young; Wig, 2-3 prs Clachan Heughs, 1-2 prs Craig Laggan. Counts: Shet, 1000+ N of Hascosay 31 Mar, 369 Bluemull Sound 24 Nov; Caith, 100 Berriedale/Dunbeath 27 May; Aber, recorded every month max 22 N Peterhead 26 Apr; a few south to E Loth; Ayr, 20 Turnberry-Curragh 10 Jan; Wig, 24 Mull of Galloway 10 Jul.

Little Auk *Alle alle* Poor year, about 50 birds (c14 dead or oiled): Shet, 2 in Feb, 4 S of Raruna Stacks 4 Nov, 2 in Dec; Fair Isle, Jan (1) Dec (3), Ork, Feb (1) Nov-Dec (3); O Heb, Jan-Feb (3); Suth, 1 in Jan; 3 Strathy Pt 5 Dec; Aber, May (2) Dec (1); Angus, Feb-Mar (5) Dec (2); Isle of May, 1 on 6-7 Nov; Fife, Jan (1) Mar (1) Dec (1); E Loth, Jan (1) Dec (1); Ber, Jan (1) Mar(2); Arg, 2 in Feb; Ayr, Apr (1) Dec (3).

Puffin *Fratercula arctica* Shet, 500 prs Goup Holm; Fair Isle, 26 Mar-21 Sep, 15000 on 7 May, rapid decrease from 16 Aug; Ork, survey Sule Skerry 19-28 July gave 44000 prs, similar to 1975; Suth, 250 prs Handa; Isle of May, still increasing, exodus mid Aug; Forth, 650 Inchkeith 30 May, 2500 Craigeleith 6 Jun. Noteworthy records: Ork, singles Scapa 23 Dec, Houton 31 Dec; Aber, 460 N/3 hrs Peterhead 22 Jul; Rox, 1 Galashiels 10 Jul; Ayr, 1 S Turnberry Pt 4 Dec.

Rock Dove *Columba livia* Migration and counts: Shet, max 150 Voe 20 Oct; Fair Isle, max 70 on 22 Sep - highest count ever; Ork, max 700 Bookan Sandwick 12 Dec; Caith, max 250 Killimster 5 Jan; Arg, Mull 107 Kintallen 31 Dec.

Stock Dove *Columba oenas* Breeding: Isle of May, 1 pr reared 1 young. Migration and counts: Shet, 1 Whalsay 24-25 Feb; Fair Isle, singles 20, 24, 25 Apr, 2 on 9, 11, 15 May; Suth, pr Kildonan 30 May; W. Loth, 134 Dalmeny 7 Jan; E. Loth, 100 Samuelston 15 Nov; Kirk, big decrease Loch Ken area.

Woodpigeon *Columba palumbus* Migration and counts: Shet, influx from 16 Mar up to 10 at 12 sites and from 3 May when up to 7; Fair Isle, max 35 on 4 May; Ork, max 80 Holm 14 Oct; Inv, 2000 Ardersier 9 Jan; Aber, 2000 Cruden Bay 7 Jan; Fife, 2800 Crail 7 Jan; E. Loth, many thousands Gullane - Longniddry early Jan; Ber, 1200 Eyemouth 10 Jan; Ayr, 1500 Monkton 19 Dec inc albino bird, part albino Maidens 4 Dec; Arran 1000 Glen Cloy Nov.

Collared Dove *Streptopelia decaocto* Migration and counts: Shet, passage 10 May to 4 Aug with up to 6 at many localities, max 35 Lerwick 25 Sep; Fair Isle, max 19 on 30 May; Ork, max 40 Crantit 25 Oct, cream coloured bird Stromne s 30 May; Caith, max 45-50 Wick 18 Feb to 2 Mar; Suth, none now Badeall; W. Loth, 83 Bathgate 9 Oct; E. Loth, 150 Haddington 6 Dec; Arg, Treshnish Is, 1 Lunga 8 June; Ayr, 1 Ailsa Craig 29 May.

†**Barbary Dove** *Streptopelia risoria* Shet, 1 in off sea Virkie 12 May, 1 Dale of Walls 7 June.

Turtle Dove *Streptopelia turtur* Breeding: Ber, possibly bred Reston. Migration and counts: Shet, up to 6 at 13 sites 17 May - 11 June with up to 3 at 8 sites 30 Aug - 2 Oct; Fair Isle, 11 May - 15 June max 5 on 4 June, 3-4 on 27-29 Sep, 1 on 1 Nov latest ever; Ork, ca 11 from 18 May - 20 Oct; O Heb, N. Uist, 1 Balranald 6 Oct; small numbers mainly on east coast May - June, Sep - Oct; Caith, 2; Suth, Handa 1; E. Ross, Strathconon 1; W. Inv, Rhum 1, Clunes 1; Arg 2; Mull 1; Lan, Libberton 1.

Rufous Turtle Dove *Streptopelia orientalis* one Barns Ness, E. Loth 2 Oct (A. Brown, R.D. Murray, P.R. Gordon *et al*)§.

Cuckoo *Cuculus canorus* Breeding: Ber, less abundant Greenlaw; W. Stir very scarce Strath Kelvin. Migration: Shet, first 10 May, none after 2 July; Fair Isle, 1-3 on 15-31 May, none in Autumn for second successive year; W Ross, Kinlochewe 27 Apr; Aber, singles Lonmay 26 Apr, Strathbeg 17 Sep; Perth, Glenalmond 26 Apr; E Loth, 1 Aberlady 30 Apr; Arg, L. Shiel 19 Apr; Dunb, 1 Cumbernauld 23 Apr; Renf, 1 Kilmacolm 25 Apr; Ayr, 1 Rankinston 25 Apr; Arran, first Glen Cloy 18 Apr; Kirk, 1 Hensol 21 Apr.

Barn Owl *Tyto alba* Breeding: Angus, 1 pr fledged 2 young; W. Loth, increase in sightings; E. Loth, more reported, 2 dead together Longniddry 26 Mar; Ber and Peeb, more reports than usual; Arg, Islay bred; W. Stir, bred Kirkintilloch; Ayr, poor breeding season S. Ayr; Arran, no change at 8 sites; Dumf, reduced after hard weather; Kirk, poor breeding season after hard weather in Jan, 10 sites in one area produced 16 young.
Dark-breasted continental race *guttata* - Shet, 1 Sandwick 10 Nov died next day.

Snowy Owl *Nyctea scandiaca* Again all females. Shet, 3 Fetlar 1 Jan - 15 June with 4 on 24 May, 2 from 16 June - 3 Sep then 3 to end of year, 2 laid single eggs. 1-2 Unst 7 May - 7 June, 1 Ronas Hill 14 Aug; Ork, 1 Evie 27 June.

Little Owl *Athene noctua* E. Loth, 1 pr nested; Ber, 1 St. Abbs Apr and Oct; Rox, 1 Monteviot 10 Oct; Dumf, 1 or 2 prs Caerlaverock; Kirk, 1 Laurieston.

Tawny Owl *Strix aluco* Breeding: Inv, 16 out of 20 prs failed to hatch young Glen Urquhart; Fife, very poor breeding season; Midl, 1-2 roosting George Square, Edinburgh; Peeb, bred Portmore; W Stir, decrease 3 prs to 1 pr Mugdock Wood; Renf, decrease Kilmacolm; Ayr, 2 out of 4 prs reared 5 young Culzean.

Long-eared Owl *Asio otus* Breeding: Angus, 1 pr fledged 3 young Dundee; Perth, 2 prs reared 4 yong Dunning; Midl, pr with young Rosslynlee 6 June - 6 July. Migration and

counts: Shet, 6 wintered Tingwall, 1 on 3 May only spring record, 1-2 at 12 sites 12 Oct - 14 Nov, 3 Sullom 7 Nov; Fair Isle, singles on 8 dates 29 Mar - 11 June; 1-2 several dates Oct - Nov, 5 on 7 Nov; Ork, max 10 Binscarth 17 Jan and 28 Oct - Dec, max 10 Berstane on 9 Dec, 8 Stromness 8 Nov, 5 St. Ola 3 Dec; Aber, 2 singles on coast 11 May, 6 June, and 4 singles 15 Oct - 6 Nov, 2 Strathbeg 9 Dec; Isle of May, 1 on 9 Oct, 3 on 15 Oct; Dunb, absent from 2 former sites at Cumbernauld; Renf, 1 shot Paisley Moss 20 Jan; max 4 Possil Marsh 22 Feb.

Short-eared Owl *Asto flammeus* Breeding: Ork, a good season max 4 prs Eday; Aber, breeding suspected 24 sites, confirmed at 1; Arg, Mull numbers low after collapse of vole population; W. Stir, 8 prs Campsie Fells; Ayr, 1 pr reared 10 young (2 broods) Barrhill. Migration and counts: Shet, 3 in spring, 1 summered Yell, autumn influx, max 10 Skerries on 2 Oct; Fair Isle, 1-2 regularly 4-30 May, main autumn passage 27 Sep - late Nov, max 23 on 19 Oct; Ork, many more than usual Nov-Dec; Caith, many more sightings; Aber, 31 bird days on coast in Oct; Isle of May, 6 on 10 Oct, 18 on 13 Oct; E Loth, 5-10 wintered Aberlady - Gullane; Ber, many more reports than usual most singles; Ayr, 2 found shot Shewalton Moss Dec.

Nightjar *Caprimulgus europaeus* Midl, churring Rosewell 1 June; Arg, churring Dunure 4 Jul; Arran 10 prs on territory; Kirk, small numbers in one of usual areas.

Swift *Apus apus* Migration and counts: Shet, 13 May - 3 Oct max 7 Fetlar 7 July; Fair Isle, 18 May - 2 Oct max 10 on 3 May; Suth, 1 Golspie 1 Nov; Inv, 500 Insh 13 Sep; Kinc, 1 Stonehaven 2 Nov; Angus, first Kirriemuir 2 May; E. Loth, 1 Tynninghame 2 May; Rox, 1 Galashiels 3 May; W Stir, 1 Cumbernauld 6 Nov; Renf, 1 Lochwinnoch 29 Apr; Ayr 1 Martnaham 26 Apr; Dumf, 1 Dumfries 29 Apr; Kirk, 300 Loch Ken 25 June exceptional.

Kingfisher *Alcedo atthis* Breeding: Perth prob bred; E. Loth, prob bred River Tyne; Dunb, bred; W. Stir, bred; Lan, bred several places, Hamilton and Motherwell areas; Arran, 1 Glen Sannox 10 May, Brodick 15 Apr, Glen Cloy 26 Sep; Kirk, decreased River Ken. Outside usual areas: Shet, 1 Hillwell 13-17 Sep; Suth, 1 Dornoch Burn 29 Sep; Inv, 1 Kincaig 28 Oct, 1 Aviemore 4 Nov, 1 Inverness 22 Jan; Aber, 6 records; Angus, 5 records.

***Bee-eater** *Merops apiaster* Singles Fair Isle, 4-6 June (N. J. Riddiford, Miss A. Seddon) and Rousay, Ork 7 June (A. J. Deverall, P. E. Wagstaffe).

***Roller** *Coracias garrulus* Adult Peel, Selk 28 June - 3 July (A. Glendinning, M. Little, R. D. Murray).

***Hoopoe** *Upupa epops* 9 reported: Shet, 1 Whalsay 10-13 Oct; Fair Isle, singles on 8-9 May and 5 Nov; Moray, 1 Drybridge - Buckpool 9 Oct, still near Buckie in late Oct; Fife, 1 St. Andrews 14 Oct; E. Loth, 1 Tynninghame 26 Aug; Ber, 1 Duns 22 Oct; Rox, 1 Hawick 16-17 May; Ayr, 1 Balchriston 10 May.

Wryneck *Jynx torquilla* Breeding: Inv, reported from 5 sites in Speyside; Perth reported from 1 site, Migration: Shet, 1 Skerries 16 May, 1 Geosetter 26 May, influx 20 Sep when singles at 5 sites, also singles Whalsay 21 Sep, Skerries 25 Sep, Spiggie 27 Sep and Whalsay 2 Oct; Fair Isle singles on 8 dates from 9 May - 6 June and 4 dates in Sep with 5 on 20 Sep and 2 on 21, 22, 25 and 27 Sep, the last on 3 Oct; Ork, 1 Papa Westray 29 May; Ross, 1 Kilmuir 14 May; Isle of May, 1 on 11 May, 2 on 12 May, 3 on 13 May then singles on 14 and 16 May.

Green Woodpecker *Picus viridis* Breeding: Inv, reported from 5 sites in Speyside; Banff, prob nested Bridge of Alvah; Aber, reported from 20 sites; Angus, much scarcer than usual; Perth, numbers still low; E. Loth, possible slight reduction; Dunb, W. Stir, Renf, fewer after severe weather; Kirk, apparently decreased. Outside normal areas: Aber, extension of range to Montcoffer, Haddo and Gight; Arg, Coll, 1 Arinagour 7 June.

Great Spotted Woodpecker *Dendrocopos major* Migrants: Shet, single Virkie 17 May, Whalsay 20 Sep, Aith 11 Oct, Skerries 13 Oct, Kergord 14 Oct and Sandwick 7 Nov, with at least 6 Whalsay 5-15 Oct; Fair Isle, singles 24 Sep, 6-10 and 13 Oct; Ork, singles Hoy 25

Oct, Orphir 29 Oct - 1 Nov, Kirkwall 5 Nov, Stromness 20 Nov. Outside normal areas: Aber, Strathbeg 21 Jan, 27 Feb, 24 Oct, 2-3 Nov and 31 Dec, Catterline 28 Nov.

***Short-toed Lark** *Calandrella brachydactyla* Three: Fair Isle 16-20 Sep (P. Aley, S. J. Cox *et al*), 25 Sep - 1 Oct, eastern race, (N. J. Riddiford *et al*); Scousburgh, Shet 27 Sep - 1 Oct (J. N. Dymond).

Skylark *Alauda arvensis* Breeding: Fair Isle, 50 prs; Ork 10 prs North Fara; Suth, 25 prs Handa; E. Loth, 51 territories Aberlady; Dunb/Renf, 55% decrease in 3 areas; Kirk, decrease Kirrieroch and Upper Glentroot. Migration and counts: Shet, influx Whalsay 21 Mar; 300 Spiggie 27 Mar; Fair Isle, spring max 270 on 25 Mar, autumn max 570 on 5 Oct; Aber, max 280 Whinny fold 10 Jan; Perth, 55 Killin 3 May; Fife, 1000 + Crail 6 Jan; Isle of May, max 45 on 11 Oct; Midl, 250 Musselburgh 11 Dec; E. Loth, 580 Tynninghame 6 Jan; Rox, 156 Williestruther 1 Jan; Dunb, 200 Cardross 12 Dec; Renf, 213 Howwood 18 Dec; Ayr, 600 Sandyford 6 Jan; 400 Maidens 18 Dec; Kirk, 720 Mull of Galloway 26 Dec.

***Shore Lark** *Eremophila alpestris* Aber, 1 Ythan 13-21 Nov; Isle of May, singles on 12-13 Oct and 18 and 20 Oct; E. Loth, 3 Tynninghame 7-10 Jan, 2 on 14 Nov.

Sand Martin *Riparia riparia* Breeding: Suth, 32 nest holes, S. Kessoeh; Inv, increase to 30 prs Glenurquhart; Aber, 19 colonies reported; Midl; 48 nests Eskhill; Rox, 40-50 nests Melrose; W. Stir, 600 nest holes, Drymen; Lan, 50 prs Bishopbriggs; Ayr, 150 prs Steelpark Farm, 68 prs Catrine; Arran, 4 prs Dougrie reared 22 young; Kirk, 100 prs Pulcree, 30-50 prs Piltonton. Migration and counts: Shet, last Skerries 27 Sep; Inv, 1 Insh 25 Mar; Aber, 150 Longside June, 1 Foveran 3 Oct; Perth 2 Dunblane 28 Mar, 200 Menteith 5 Apr; Fife 125 Lochore Meadows 8 Apr; E. Loth, 1 Aberlady 26 Mar, last on 7 Nov; Peeb, 250 Portmore 12 June; W. Stir, 4 Endrickmouth 26 Mar, 500 Kilsyth 22 July; Lan, 1400 Loudon Hill - Dungavel 29 June; Ayr, Culzean 26 Mar; Kirk, 250 Loch Ken 4 Sep; Wig, 2 Stranraer 26 Mar.

Swallow *Hirundo rustica* Breeding: Shet, 4 prs bred; Fair Isle, 1 pr double brooded; Ork, survey located 25 prs, 13 double brooded a total of 121 young reared; Isle of May, 4 prs, 24 pulli ringed; E. Dunb/W. Stir, 56 prs at 13 sample farms similar to 1981. Migration and counts: Shet, last Sumburgh 1 Nov; Fair Isle, main arrivals 7 May - 5 June, max 100 14-15 May; Ork, 1 Burray 15 Apr; Inv, 300 Insh 5 Sep; Aber, last Strathbeg 12 Nov; Ang, last Invergowrie 20 Nov; Perth, first Menteith and Glenalmond 5 Apr, 10,000 Tay reed bed roost 11 Sep; Fife, 1 St. Andrews 23 Mar; E. Loth, 1 Ballencrieff 6 Apr, last N. Berwick 14 Nov; Ber, 500 St. Abbs 8 May, last Ayton 12 Nov; Selk, 1 Yarrow 5 Apr; Arg, 3 Mull of Kintyre 24 Mar; E. Dunb, 2000 roosting Condorrat 12 Aug; Renf, 3,500 Newshot Island 8 Sep; Lan, first Strathclyde Park 29 Mar; Kirk, 600 Loch Ken 4 Sep, Kirkcuibright 1 Nov.

House Martin *Delichon urbica* Breeding: Perth, 50% increase in occupied cliff nests Loch Turret; E. Loth, 28 cliff nests Dunbar; Ber, becoming less common; E. Dunb/W. Stir, census located 209 prs at 17 colonies in Cumbernauld and Kilsyth District; Ayr, numbers down N. Ayr; Kirk, numbers low New Abbey and Dalry; Wig, coastal colonies at Mull of Galloway, Burrow Head and Cruggleton. Migration and counts: Fair Isle, single 3 May, main passage 14 May - 5 June, last 29 Oct; E. Ross, 1 Fearn 9 Apr; Ang, 1 Elliot 12 Nov; Perth, 1 Marlee Loch 8 Apr; W. Loth, 6 Linlithgow 28 Mar, very early; E. Loth, 1 Barns Ness 6 Apr; last 2 Dunbar 15 Nov; Ber, last Bilsdean 15 Nov; Peeb, 250 West Water 3 Sep; Selk, 1 Selkirk 4 Apr; W. Dunb, 150 Tarbert 6 Sep; Ayr, 1 Dunure 24 Apr, 120 Dailly 28 Aug; Arran, 4 Sannox 12 Apr; Dumf, 1 Caerlaverock 5 Apr.

***Richard's Pipit** *Anthus novaeseelandiae* Six: Shet, Skerries 23-29 Sep, another 25 Sep, third 7-8 October (D. M. Pullan, E. Tait, P. M. Ellis, P. Fisher), Scousburgh 23-25 Sep (J. N. Dymond); Fair Isle 23-26 Sep and 10-13 Oct (N. J. Riddiford *et al*).

***Tawny Pipit** *Anthus campestris* One Fair Isle 22 May (J. M. Dickson).

***Olive-backed Pipit** *Anthus hodgsoni* One Fair Isle 12-15 Oct (N. J. Riddiford *et al*).

Tree Pipit *Anthus trivialis* Breeding: Inv, 10 prs Garten; Aber, reported present at 22 sites;

Perth, 44 prs Killiecrankie; Ayr, increasing Kirriereach area; Kirk, good breeding season. Migration and counts: Shet, 9 individuals 2-29 May, influx 20 Sep, with max 10 Skerries, last Whalsay 13 Oct; Fair Isle, 1-8 present 3-28 May, daily 14 Sep - 15 Oct max 60 on 20 Sep; Ork, last N. Ronaldsay 18 Oct; O. Heb. 1 singing S. Uist in spring; Inv, first Bunloit 19 Apr; Moray, 2 Dallas 25 Apr; Aber, first Morrone 19 Apr; Perth, Dunalastair 14 Apr; Isle of May, last 12 Oct; Midl, 1 Bonaly and 1 Glencorse 24 Apr; E. Loth, first 23 Apr; Ber, 1 St. Abbs 6 Oct; Peeb, 2 Portmore 14 Apr; Arg, passage Mull of Kintyre 3 Aug - 15 Sep max 40 on 6 Sep; Dunb, 1 Glencryan 17 Apr; Lan, Dungavel 18 Apr; Kirk, 1 Hensol 16 Apr, last Gatehouse of Fleet, 15 Oct.

Meadow Pipit *Anthus pratensis* Breeding: Fair Isle, 25 prs; Suth, 45-55 prs Handa; Isle of May, 1 pr bred; E. Loth, decrease from 32 to 21 territories; Aberlady, E. Dunb, decrease 100 to 60 prs Palacerigg; Ayr, good season Kirrieraoch. Migration and counts: Shet, first Skerries 21 Mar autumn peak 250 Sumburgh 12 Sep, last Spiggie 12 Dec; Fair Isle, spring max 200 24 Mar, autumn max 325 on 5 Sep; Inv, influx Speyside 18 Mar; Aber, max 450 Inverugie 9 Sep; Perth, 300 grounded by bad weather Killiecrankie 2 May; Isle of May, max 200 on 1 Oct; Midl, 400 Gladhouse 13 Sep; E. Dunb, max 250 Palacerigg 11 Sep.

Rock Pipit *Anthus spinoletta* Breeding: Fair Isle, fewer young fledged; Suth, 22 prs Handa; Isle of May, 25 prs reared 115 young; E. Loth, 4 prs Bass Rock; 6 prs Ailsa Craig. Migration and counts: Fair Isle, influx early Sep, max 300 6 Sep; Ork, 62 North Sanday 8 Feb; Midl, 1 inland at Cobbinshaw 16 Oct; W. Stir, 1 inland at Carron Valley Reservoir 17 Oct. Scandinavian *littoralis* Aber, 2 Ythan 7 Mar, singles Girdleness 10 Mar, Whitehills 13 Mar; Kinc, Nigg 8 Apr; Ayr, 1 Turnberry 28 Feb and 2 Apr. Water Pipit *spinoletta* Midl, 1 Gladhouse 24 Oct, 1 Musselburgh 28 Nov; Arg, Mull 1 Speinne Mor 19 Feb; Ayr, 1 Doonfoot 30 Nov.

Yellow Wagtail *Motacilla flava flavissima* Breeding: Fife, may have bred Fife Ness; E. Loth, pr + 3 flying young seen in late June at Musselburgh, pr at 1981 site but disturbance prevented breeding; Dunb, pr reared 2-3 young Endrick Mouth; W. Stir, pr reared 2-4 young Balfroon, 1 pr Fintry 8 July; Lan, survey located 23-28 prs, 11 successful prs reared 28 young; N. Ayr survey 22-23 prs, 12 successful prs reared 40 young. Migration: Shet, first Skerries 25 Apr, last Spiggie 23 Oct; O. Heb, 1 Balranald, N. Uist 14 May; Aber, First Don 24 Apr with 8 on 30 Apr; Isle of May first 21 Apr; Midl, first 2 Musselburgh 22 Apr; Ber, first St. Abbs 26 Apr; Lan, 35 Caldermill 26 Aug; Ayr, 44 Dunlop 29 July.

Blue-headed Wagtail *flava*: Fair Isle, singles on 30 May - 1 June and 6 dates 21-28 Sep; Fife, 1 Fife Ness 16 May; male West Dykes 22 May; Male Libberton 14 June.

Grey-headed Wagtail *thunbergi* Shet, 1 Clickimin 18 May, 2 Fetlar 23 May, 1 Skerries 27 May; Fair Isle, singles 18-19 May and 26-28 May, 2 on 29 May, 1 on 11-12 June; Aber, 1 Grey-headed or Ashy-headed *cinereocapilla* Bridge of Dee, Aberdeen 13 May; Ayr, male Greenan 8 May.

Ashy-headed Wagtail *cinereocapilla* Isle of May, 1 on 15 May.

Black-headed Wagtail *feldegg* Shet, 1 Skerries 5 June.

***Citrine Wagtail** *Motacilla citreola* One Fair Isle 13-15 Aug (N. Riddiford *et al*).

Grey Wagtail *Motacilla cinerea* Breeding: Ork, Hoy pr fledged 1 young, decrease in breeding population after severe winter noted Perth, Midl, W. Loth, Mull, Dunb, W. Stir, Kirk; Rox, 6 prs in Melrose survey decrease from 8 prs in 1981; Lan, 6 prs E. Kilbride district; Arran 16 prs produced only 3 young. Winter records: Ork, 2 St. Ola 5 Feb; Caith, 1 Wick 17 Jan; Aber, 1 Crimond Jan, singles at Crimond and Fraserburgh in Feb; Perth, 2 prob over-wintered Perth; Ber, 1 Eyemouth Jan. Migration and counts: Shet, 1 Burraove 22 May, 1 Scalloway 4 Nov; Fair Isle, singles 3 June, 10 Oct and 21 Oct; Aber, first back inland 2 Kennay 13 Mar; Arg, passage at Mull of Kintyre 10 July - 22 Sep, up to 20 per day 16-19 Sep; Ayr, 7 Dipple 25 Sep; Wig, 4 S. Portpatrick 26 Sep.

Pied/White Wagtail *Motacilla alba yarrelli* Breeding: Ork, breeding reported 6 areas; Perth, numbers down; Isle of May, 5 prs, 21 pulli ringed; Forth Islands, 2 prs Bass Rock, E. Loth, 8-9 prs Loganlea - Flotterstone; Rox, 10 prs Melrose survey site; declines reported Dunb, W. Stir, Renf, Arran, Ayr 50% decline Upper Minnock; Kirk, decrease Loch Ken.

Counts: Moray, 600 Kinloss 26 Aug; Ang, max 136 roosting Overgate complex Dundee 20 Dec; Dunb, 337 Condorrat 25 Oct; W. Stir, 125 Dumbreck 1 Sep; Renf, 170 Lochwinnoch 6 Sep; Arran, decline since 1981.

White Wagtail *alba* Breeding: Shet, 1 pr bred Haroldswick, pr *alba x yarrelli* bred Fetlar; Fair Isle, 2 prs reared at least 7 young; Caith, pr *alba x yarrelli* Crosskirk 16 May. Migration: Shet, max 14 Foula 4 May and 16 Lerwick 19 Aug; last Lerwick 17 Nov; Fair Isle, first 4 Apr max 17 on 8 May and 70 on 20 Aug; Aber, max 22 Don 2-5 May; Ayr, 25 Croy 6 May.

Waxwing *Bombycilla garrulus* Fair Isle, singles 12 Oct and 1 Nov; Ork, 1 Ophir 8 Nov, 1 Kirkwall 10 Dec; Caith, 1 Wick 1 Jan, 1 Thurso 26 Jan; Inv, 1 Badachro 1 Jan, 20 Newtonmore 4 Jan, 2 Drumnadrochit 19 Jan - 25 Feb, 4 Nethybridge 31 Jan, 1 Garten 1 April; Aber, 1-4 recorded at 8 sites in Jan, 2 sites in Feb, 2 sites in Mar with 2 Aberdeen 30 Oct; Ang, Dundee 1 on 11 Feb, 10 on 4 Mar, 6 on 30 Mar and 1 on 6 Apr; Fife, 1 Newburgh 19 Jan; Midl, 6 Edinburgh 14-16 Jan, 1 Penicuik 17 Feb; Ber, 6 Eyemouth 5 Jan; Rox, 1 Kelso 28 Jan; Selk, 1 Tweedbank 2 Feb; Arg, Mull, 1 Dervaig 7 Jan; Belmont 1 on 9 Jan, 3 from 15-22 Feb, 1 Ayr Dec; Arran, 1 Brodick 17-21 Jan.

Dipper *Cinclus cinclus* Breeding: Caith, slight decrease; Angus, prob fewer on smaller burns; Fife, 1 Morton Lochs, 24 Feb first record; Peeb, apparent decrease compared to 1970's; Rox, Melrose 4 prs at survey site; Rhum, numbers low; Arran 9 prs; Kirk, decrease in Glenkens area.

Black-bellied Dipper *cinclus* Ber, 1 Thornton Loch 28 Nov.

Wren *Troglodytes troglodytes* Breeding, decrease reported most areas, Inv, Garten reduction from 32 prs in 1981 to none; numbers reported normal from Ang, Rhum, Mull, Arran, Borders and parts of Kirk, Migration: Fair Isle, influx 11-25 Oct; Isle of May max 20 on 14 and 15 Oct.

Shetland Wren *zetlandicus* Fetlar, 55 singing males.

Fair Isle Wren *fridariensis* 16 singing males, increase from 1981.

Dunnoek *Prunella modularis* Breeding: decrease reported Fife, parts of Midl and Rhum; Dunb/Renf decrease of 32% at 4 sites. Migration: Shet, very scarce; Fair Isle, very scarce in spring, 1-4 on 24 dates 19-27 May, meagre autumn passage 24 Sep - 28 Oct, max 25 on 11 Oct; Aber, 10 Rattray 5 and 12 Oct; Isle of May, influx mid Oct, max 150 on 15 Oct; Ber, St. Abbs 15 on 25 Sep, 30 on 11 Oct and 60 on 12 Oct.

Robin *Erithacus rubecula* Breeding: decrease after bad weather Ang, parts Midl, Dunb/Renf where 25% decrease at 4 sites and parts of Kirk where 5 found dead after night of severe frost in Jan at Forrest Lodge. Migration: Shet, influx 20 Sep when 100 Sumburgh and 2-3 Oct; Fair Isle, spring passage 9 Mar - 1 June max 14 on 8 May, in autumn 70 on 20 Sep, 70 on 3 Oct and 65 on 12 Oct; Ork, spring influx Sanday 28 Mar - 3 Apr, autumn influx 25 Sep - 30 Oct max 20 Holm 13-14 Oct; Aber, 30 Balmedie and 30 Drums 11 Oct, 40 Cruden Bay and 30 Rattray 12 Oct, 50 Rattray and 70 Strathbeg 15 Oct; Isle of May massive influx mid Oct, 4000 on 11 Oct, 2000 on 12 Oct, 4000 on 13 Oct; Fife, 500 Fife Ness 11 Oct; E. Loth, 200 Barns Ness 13 Oct; Ber, St. Abbs 25 on 3 Oct, 30 on 9 Oct, 80 on 11 Oct, 120 on 12 Oct, 800 on 13 Oct; Arg, passage Mull of Kintyre 15 Aug - 6 Nov, max 60 on 16 Sep.

***Nightingale** *Luscinia megarhynchos* Shet, male singing Norwich 17 May.

Nightingale sp. *luscinia* or *megarhynchos* Fair Isle, 1 on 23 May; Fife, 1 Balcomie 14 Oct.

Bluethroat *Luscinia svecica* Shet, singles at 4 sites 15-24 May with 2 Mousa 16 May, and singles at 4 sites 20 Sep - 11 Oct; Fair Isle, singles almost daily 16-25 May, 2 on 17-19 May and 3 on 23-24 May, singles on 24, 26 and 29 Sep and 4 Oct with 2 on 3 Oct; Ork, 1 Sanday 2 Oct; Caith, singles Noss Head 22 May and 26 Sep; Aber, singles Rattray 5-6 Oct and Foreran 14 Oct; Isle of May, singles on 16 May and 10 on 11 Oct.

White-spotted Bluethroat *cyaneacula* Fife, 1 Kings Kettle in spring.

Black Redstart *Phoenicurus ochruros* Winter: Aber, 1 Rattray 7 Feb; E. Loth, 1 Dunbar 12 Nov - 31 Dec. Migration: Shet, 4 singles 19 Mar - 4 June and 16 recorded 22 Sep - 5 Dec. Fair Isle, 1-2 on nine dates 27 Mar - 10 May, daily 17-26 May max 6 on 23 May, 1 on 31

May - 2 June, good autumn passage, recorded on 10 dates in Oct, max 4 on 21 Oct and 1-2 on 1-9 Nov with 1 on 27 Nov; Ork, singles in spring Deerness 13 Apr and 13-14 May, 17 records 20 Sep - 13 Nov, max 5 N. Ronaldsay 20 Oct; O. Heb, male Uig, Lewis 18 May; Caith, singles Wick 18 Oct, 6 Nov and 8 Dec; Aber, singles at 3 sites 5 Apr - 16 May, more than usual in autumn singles at 6 sites 8 Oct - 11 Nov with 2 Rattray 17 Oct; Kinc, 1 Girdleness 18 Oct; Isle of May, 1 dead 31 Mar, 2 on 7-8 May and 31 May, 1 on 7 June, 2 on 7 Aug, 1 on 12-16 Oct and 1 on 6-7 Nov and 13 Nov; Fife, Fife Ness, 1 on 15 May, 2 on 18 Oct; Midl, 1 Harperrig 8 Apr; E. Loth, singles Barns Ness 7 Apr and 13 Oct, 1 Port Seton 15 Nov; Ber, St. Abbs, 2 on 7 Apr, 1 on 9 Apr and 1 on 14 Oct, 1 Dawyck on 13 Oct; Arg, 1 Mull of Kintyre 4 Nov; Ayr, 1 Prestwick mid Nov, 1 Barassie 2 Dec; Dumf, 1 Caerlaverock 4 Nov.

Redstart *Phoenicurus phoenicurus* Breeding: Suth, pairs in most suitable sites; Inv, high numbers maintained Glenurquhart; Aber, records from 13 sites in breeding season; Perth, very common in all suitable areas, better success than 1981, 25 prs reared 155 young in S.W. study area; Kirk, good numbers breeding; Borders, fewer reports. Migration: Shet, 14 birds 16-25 May, autumn passage 20 Sep - Oct, max 10 Whalsay 25 Sep, last Lerwick and Walls 9 Nov; Fair Isle, in spring 1-4 on several dates from 4 May - 7 June, in autumn daily 19 Sep - 20 Oct, max 25 on 20 Sep and 20 on 13 Oct; Ork, influx 21 Sep - 25 Oct max 9 Sanday 26 Sep; O. Heb, S. Uist, 1 Druidibeg 20 Oct; Inv, first Garten 21 Apr; Aber, first Glen Quoich 18 Apr, in autumn 46 bird days 25 Sep - 2 Oct on coast; Perth, first Killiecrankie 23 Apr; Isle of May, max 50 on 11 Oct; E. Loth, first Drem 8 Apr; Ber, autumn passage 18 Jul - 26 Aug and 6-17 Oct max 10 on 12 Oct; Lan, 1 Blantyre 5 Dec; 2 Lamлах 11 Nov; Kirk, first Hensol 16 Apr.

Whinchat *Saxicola rubetra* Breeding: Aber, reported from 16 sites; Dunb/W. Stir, little change but increase from 22 prs to 27 prs Palacerigg; Arran, decrease from 35 to 25 prs; Kirk, good numbers. Migration: Shet, scarce in spring, 2 Skerries 7 May, 1-3 at 6 sites 14-27 May, in autumn major fall south mainland 20 Sep when 220 Sumburgh/Scatness, small influx 2 Oct, last Baltasound 1 Nov; Fair Isle, spring first 4 May, almost daily 14 May - 4 June, max 8 on 14 June, autumn daily 6 Sep - 19 Oct, max 150 on 20 Sep, 70 on 2 Oct, last 23 Oct; Ork, influx 20 Sep - 3 Oct max 10 Sanday 22 Sep; Suth, 1 Handa 3 May; Inv, first Tulloch 28 Apr; Aber, first 3 Glen Tanar 3 May, in autumn 64 bird days on coast 18 Sep - 20 Oct; last Collieston 13 Nov; Isle of May, max 10 on 11 May; Ber, St. Abbs max 7 on 19 Sep; Ayr, first Troon 19 Apr; Arran, first Narachan 19 Apr.

Stonechat *Saxicola torquata* Breeding: numbers reduced after hard winter in many areas; O. Heb, apparent recovery in numbers; Suth; steady return of population; Aber, only reported from 4 sites; Ang, very scarce; Perth, even fewer than 1981; Midl and W. Loth both showed declines; Ber, coastal pairs disappeared; Rhum, decrease; Arg, Mull very scarce; Islay population survived well; Renf, decline, only 1 breeding record; Lan, declined; Ayr, reduced to 6-7 prs; Arran, decrease from 34 prs to 15 prs; Kirk, only slight recovery, numbers generally low. Migration: Shet, 7 spring records 17 Mar - 3 May, 2 autumn records 25 Oct and 23 Nov; Fair Isle, 6 in Feb and singles in Mar, Apr; May; Aber, 18 bird days on coast Oct, 10 in Nov and 9 in Dec.

Siberian Stonechat *maura/stejnegeri* Shet, singles Skerries 6 Oct (ET), Whalsay 24-25 Oct (BM, ISR) and Sumburgh 9 Nov (MSC); Fair Isle 10-12 Oct; Aber, 1 Rattray 9-15 Oct (KBS, CRM, RCP).

Wheatear *Oenanthe oenanthe* Breeding: Fair Isle, 60-71 prs; Suth, Handa 32 prs; Midl, decrease from 43 prs to 23 prs Moorfoot Valley; W. Stir/ W. Renf, probable increase; Lan, good numbers in Dungavel area; Ayr, increase in north; Arran, 23 prs. Migration: Shet, first Skerries 8 Apr, autumn large fall 20 Sep when 110 Sumburgh, 100 Scatness, last Boddam 14 Nov; Fair Isle, first 4 Apr, spring max 200 on 8 May, last 3 Nov; Aber, first Long Haven 29 Mar, last Don mouth 12 Nov; Ang, first Arbroath 8 Mar; Perth, first Sma Glen 28 Mar; Isle of May, first 28 Mar, max 50 on 20 Sep; Midl, first Musselburgh 26 Mar last there 7 Nov; E. Loth, 3 Aberlady 25 Mar, 75 on 5 Apr, last Gullane 12 Nov; Peeb, first 5 Mar; Arg, first Islay 27 Mar; Ayr, last Doonfoot 8 Nov; Kirk, first Forrest Glen 21 Mar.

Greenland Wheatear *leucorhou* Shet, Foula 4 May and Eshaness 18-19 Sep; Fair Isle, first in autumn on 15 Aug max 200 on 18 Sep; Aber, 1 Rattray 2 May, 47 bird days 12-18 May, 2 Foveran 3 Oct, 2 Newburgh 6 Oct; Kinc, 1 Girdle Ness 10 Oct; Fife, 8 Kilrenny 11 May; Ber, St. Abbs 9 on 4 Apr, 7 on 9 Apr, 8 on 10 May; Dunb, male Endrick Mouth 9 May, female on 15 May; Ayr, 1 Ladykirk 10 May, 1 Doonfoot 3-4 Oct.

***Grey-cheeked Thrush** *Catharus minimus* One Voe, Shet 19-20 Oct (C. Robson *et al*).

Ring Ouzel *Turdus torquatus* no changes breeding status. Early ♀ Kerloch, Kinc 27 Feb; 2 Moorfoots, Midl 27 Mar and various sites 28 Mar, 15 Clova 9 Apr. Migration: Fair Isle peak 9 on 7-8 May; Foula 4 May; small influx O. Heb May-June incl 6 L Drudibeg; 1 Canna, Inv 7 July, 1st since 1931. Autumn migration: Fair Isle 20 Sep - 14 Oct, peak 20 on 11 Oct; Isle of May max 30 on 13 Oct. Late records Tarfessock, Ayr 2 Nov; Birse, Aber 9 Nov and several Buchan, Kirk 16 Nov.

Blackbird *Turdus merula* Breeding: 36% decrease in breeding prs Dunb/Renf studies; single prs reared 4 broods Whalsay, Shet and St. Ola, Ork. Migration: Shet, max 300 Sumburgh 10 Nov; Fair Isle, poor spring, max 50 on 18 Mar, return from 2 Oct, peaks 300 on 20th, large falls 5-13 Nov, max 2000 on 6th; strong passage same time down E coast; Isle of May peaks 1500 on 13 Oct, 2000 on 17th, 5000 on 5 Nov; E. Loth, 500 per hr Barns Ness 5 Nov.

***Black-throated Thrush** *Turdus ruficollis* A male Fair Isle 13 Oct (J. N. Dymond, Miss A. Prior).

Fieldfare *Turdus pilaris* Breeding: One pr bred Inv, 4 young in nest 12 July; one pr nested Shet, 5 eggs on 8 July but failed; summer records in Ork 21 June; Suth, 23 July (2); Inv, 22 July (2); Aber, June (2); Dunb, 31 July. Winter and spring: Shet, influx 3 May, max 350 Foula 4 May; Fair Isle, main passage 3-9 May, max 95 on 4th; Suth, 30 Handa 3-6 May; E. Loth, 6000 Gullane early Jan; Borders, 250 Halmyre 7 Apr. Autumn: Fair Isle 1st 2 on 8 Aug, mainly mid Oct - mid Nov, max 1600 on 20 Oct and 2200 on 7 Nov; big numbers throughout mainland mid Oct; 2000 Insh, Inv 20-23 Oct; Isle of May peaks 1000 on 13 Oct, 4000 on 17 Oct; Arg, peak passage Connel 1500+ per hr 8 Oct, 2000+ per hr 9th; Renf, 1050 Cumbernauld 25 Oct.

Song Thrush *Turdus philomelos* Breeding: Midl, about average 13 sites Roslin (15 in 1981); 31% decrease Dunb/Renf from 13 to 9 prs at 2 sites; Suth, 1 pr reared 4 young Handa. Migration: Shet, scarce spring, peak 100 Sumburgh 14 Oct; Fair Isle autumn peaks 400 on 13 Oct, 600 on 19th; Caith, 100 Wick 18 Oct; Aber, 100 Cruden Bay 17 Oct; Isle of May, 700 on 1 Oct, 2000 on 13th, 1000 on 17th.

Redwing *Turdus iliacus* Breeding: Shet, 1 pr reared 6 young Unst; Suth, 12 prs and 6 other sites with song; Ross, 8 prs or song at 5 sites, 1 pr proved nesting; N. Inv, 8 prs nested and another 16 prs or song at 10 sites; S. Inv, 5 prs nested and another 12 prs or song at 11 sites. Winter and spring: Shet, small influx 3-4 May when 40 Foula; Ork, 300 Sandwick 2 Jan; very scarce mainland areas after severe weather; Borders, 280 Eddleston 22 Apr. Autumn: Shet, from 20 Sep, max only 1200 Whalsay 17-18 Oct; Fair Isle from 20 Sep, peaks 1500 on 13 Oct, 3000 on 19th; Inv, 8000 passed Garten 23 Oct in ½ hr, main passage 13-22 Oct Highlands; Aber, max 3300 Cruden Bay 17 Oct, 500W Peterculter 24 Oct; Isle of May, 3000 on 12 Oct, 10000 on 13th, 7000 on 17th; main influx in West 10-14 Oct, 23 Oct - 3 Nov.

Mistle Thrush *Turdus viscivorus* Breeding: numbers down and Apr/May snow probably affected early broods. Migration and counts: Shet, 4 singles in spring, 5 in autumn; Fair Isle 4 in spring, small numbers 10-27 Oct, max 5 on 14th; Ork, max 3 N. Ronaldsay Oct; O. Heb, singles Harris 14 Mar and N. Uist 6 Nov; Aber/N. Kinc, 220 Blackhall Sep; Perth, 105 Killiecrankie 5 July; Isle of May, max 5 on 11 Oct.

***American Robin** *Turdus migratorius* A ♂ Foula, Shet 3-16 Nov (Mrs S. Gear *et al*).

***Lanceolated Warbler** *Locustella lanceolata* Three singles Fair Isle, 13-15 Sep, 23-24 Sep and 6 Oct (N. J. Riddiford *et al*).

Grasshopper Warbler *Locustella naevia* Breeding: some reports low numbers. Arrivals: 25 Apr, Lochwinnoch, Renf and Endrick Mouth, Dunb; 27 Apr, Midl and Dumf. Migration: Shet, 1 Skerries 17 May and 25 Sep - 6 Oct; Fair Isle, 29 May, 1-2 on 12 days 20 Sep - 13 Oct.

***River Warbler** *Locustella fluviatilis* Two Fair Isle, 1st Y 22 Sep and adult 24-26 Sep (N. J. Riddiford *et al*).

Sedge Warbler *Acrocephalus schoenobaenus* Breeding: Suth, noted increase Dornoch; increases noted Gladhouse, Midl; Aberlady, E. Loth; Kelvin valley, Dumb; Kilmacalm, Renf but decrease Lochwinnoch, Renf. Arrivals: 6 Apr, Lochmaben, Dumf; 16 Apr, Glengavel, Lan; 25 Apr, Lochwinnoch, Renf, mostly from 7 May. Migration: Fair Isle, strong spring passage 12 May - 9 June, max 18 on 25 May; autumn max only 4 on 20 Sep, singles 3 other days to 9 Oct; Isle of May, max 15 on 16 May; last St. Abbs, Ber 12 Oct.

***Marsh Warbler** *Acrocephalus palustris* 4 in spring, 3 in autumn; Fair Isle, singles 3 June, 7-8 June, 3 July; Isle of May 19-20 Sep; Fife, Kingsbarns 14 Oct; Wig, (singing ♂) Logan Gardens 22 May, Mull of Galloway 16 Sep.

Reed Warbler *Acrocephalus scirpaceus* Shet, singles Fetlar 13 Sep, Skerries 26 Sep; Fair Isle 14 May, 2 on 18th, daily to 28 May, one 6 June, singles 4 and 28 Aug, 8-11 and 21 Sep, 2 on 26-27th, one 28th, 2 on 3 Oct, 3 on 4th, one 5-6th, 1 dead on 17th; Ork, Papa Westray 15 Sep, Deerness 20 Sep, Holm 22 Sep, 6 on 26 Sep, 2 on 28th, singles 30th and 2 Oct; Aber, Newburgh 26 Sep, Don 3-5 Oct, Rattray 5 Oct, Drums 10 Oct; Perth, Errol singles 14 Aug, 27 Aug and 4 Sep; Isle of May 5 Aug, 10 Oct; Ber, St. Abbs 2 Aug, 8 Aug, 11 Sep, Pease Bay 8 Oct.

***Icterine Warbler** *Hippolais icterina* 4 in spring, 14 in autumn Shet, Whalsay 31 May, Skerries 2 June, Walls 16 Aug, Ireland 30 Aug, Bressay 3-5 Sep, Veensgarth 9 Sep, Whalsay 13 Sep, Sumburgh 20 Sep and Baltasound 5 Oct; Fair Isle, 31 May, 31 Aug; Ork, S. Ronaldsay 7 June, Birsay 28-29 Sep; Caith, Wick 18-20 Oct; Aber, Foveran 25-29 Sep; Isle of May 5-6 Aug; Ber, St. Abbs 31 July, possibly same 5-6 Aug.

***Melodious Warbler** *Hippolais polyglotta* Two: Skerries, Shet 23 Sep (DMP) and Isle of May 19-22 Sep.

***Subalpine Warbler** *Sylvia cantillans* ♀ Walls, Shet 15 Aug (P. J, Ewins, P. Fisher, J. D. Okill) was in full moult so probably remnant from spring migration.

***Barred Warbler** *Sylvia nisoria* Poor year, about 33 between 7 Aug and 14 Oct. Shet, Whalsay 23 Aug, 9 birds between 3 and 22 Sep in Whalsay, Skerries and Fetlar, one Sumburgh 20th; Fair Isle 27 Aug - 6 Sep max 4 on 6th, one on 8th, 2 on 16-19th, singles 20th, 24-25th, 2 on 30th, 1 on 3 Oct; Ork, 1 Holm 2-3 Oct; Suth, 1 Melvich 14 Aug; Isle of May 7-11 Aug, 6 Sep, 8-9 and 11 Oct; Fife Ness, 6 Sep; E. Loth, Barns Ness 10 Oct and 14 Oct; Ber, St. Abbs 12 Oct.

Lesser Whitethroat *Sylvia curruca* Breeding: E. Midl, 10 singing Cousland/Ormiston and 1-2 prs bred Old Pentland; E. Loth, probably bred Aberlady; Selk, pr with 3 young Melrose 27 June appears to be new record for county; Ayr, single ♂♂ 3 areas in May, 1 in Aug; Dumf, song at 2 sites. Migration: Shet, 22 between 14 May and 5 June, 6 in autumn 21 Sep - 4 Oct; Fair Isle, small numbers 4 May - 15 June, max 5 on 4 June, scarce in autumn 6 Sep - 13 Oct, max 3 on 6 Sep; Ork, 1 on 23 Sep; O. Heb, 1 S. Uist 26 Sep; small numbers down E coast May - June, Sep - Oct; Isle of May 12 May - 6 June, max 8 on 15-16 May, scarce in autumn 14 Aug - 12 Oct; last Cruden Bay, Aber 15 Oct.

Whitethroat *Sylvia communis* Breeding. small increase noted in W; 1 pr bred Scalloway, 6 young fledged 1 Aug. Arrivals: 22 Apr Torphins, Aber; 5 May Isle of May, mostly from 6-7 May. Migration: Shet, poor year; Fair Isle 8 May - 3 July, max 8 on 19 May, 26 Aug - 13 Oct, max 8 on 25 Sep; O. Heb, Stornoway 1 June, S. Uist 20 Sep; Isle of May, poor year, max 8 on 12 May; last St. Abbs, Ber 14 Oct.

Garden Warbler *Sylvia borin* Breeding: continued increase Aber, Strathspey and Glenurquhart, Inv. Arrivals: 16 Apr, Billiemains, Borders; 23 Apr St. Abbs; 25 Apr 2 sites Aber;

mainly from 7 May. Migration: generally low numbers: Fair Isle, 15 May - 10 July, max 4, 5 Aug - 13 Oct, max 25 on 25 Sep, late singles to 12 Nov; Isle of May, max 50 on 11 Oct.

Blackcap *Sylvia atricapilla* Breeding: usual status Borders to Inv, singing ♂♂ s N to Ork. Migration: Shet, peak 35 Skerries 25 Sep; Fair Isle, 5 May - 9 July, max 6 on 8 June, autumn 29 Aug - 12 Nov, max 35 on 30 Sep, 150 on 11 Oct; Aber, strong coastal passage Oct, max 70 Rattray 15 Oct; Isle of May, influx 80 on 10 Oct, increased to 600 on 11th, down to 300 on 12th, peak of 1000 on 13th, down to 100 on 14th. Summary of winter records:

	Jan	Feb	Mar	Dec
North (Shet-Inv)	1	0	0	6
Central (Moray to Forth-Clyde)	8	4	0	17
South (Forth-Clyde-Borders)	14	8	2	22

***Greenish Warbler** *Phylloscopus trochiloides* One Sumburgh, Shet 24 Sep - 1 Oct (J. N. Dymond, P. J. Ewins, R. Hargreaves).

***Arctic Warbler** *Phylloscopus borealis* Three: Fair Isle, adult 3 July and 1st Y 24 Aug (N. J. Riddiford *et al*); one Whalsay, Shet 25 Sep (B. Marshall).

***Pallas's Warbler** *Phylloscopus proregulus* Unprecedented influx, 55-60 birds recorded between 6 and 31 Oct, mainly 11-15th. Shet, about 17, Skerries 6th, Kergord 9th, Voxter 9-11th, Sullom 9th, Whalsay 10-11th, Fetlar 11th, 5 Sumburgh 12th, 2 Voxter 16th, Kergord 19th, Voe 19th, 2 there on 20-22nd; Fair Isle, one 6th found dead 7th, singles 8 and 10th, 10+ on 11th, 2 on 12th; Ork, 2 Windwick 14-15th, singles Berstane 15th and 31st, 1 Rackwick, Hoy 15th; Caith, Stirkoke 9-10th, Harpsdale 13th, Wick 13-19th; Aber/N. Kinc. Rattray 9-10th, Strathbeg 12th, Girdleness 11-12th, Cruden Bay 13-15th, Newburgh 13-14th, Drums 15-17th; Isle of May, 2 on 11th, 1-2 on 13th; Fife Ness, 3 on 11-12th; E. Loth, Dunbar 13th; Ber, Pease Bay 11th, 4 St. Abbs 11-12th, 2 on 13-16th, Eyemouth 11th.

***Yellow-browed Warbler** *Phylloscopus inornatus* 18 records 23 Sep - 22 Oct; Shet, singles Walls 23-24 Sep, Scalloway 2-3 Oct, Kergord 9-11 Oct, Norwick 10 Oct, Sunburgh 12 Oct, Veensgarth 20 Oct; Fair Isle, 1-2 on 2-12 Oct, one 22nd; Ork, Deerness 25 Sep; Caith, Stirkoke 8-10 Oct; Aber, Drums 6-7 Oct, Cruden Bay 9-11 Oct; Isle of May, 7th and 10th Oct; Lan, East Kilbride 16 Oct; Kirk, Palnure Burn 9 Oct; Ber, St. Abbs 12 Oct.

***Radde's Warbler** *Phylloscopus schwarzi* Three: Shet, Catfirth 10 Oct (J. D. Okill *et al*); Ork, Kirkwall 10 Oct (E. J. & S. J. Williams *et al*), Holm 17 Oct (E. R. & T. R. Meek *et al*).

***Dusky Warbler** *Phylloscopus fuscatus* Two: single Isle of May 7 Oct (G. L. A. Patrick, D. Palmer *et al*)§; Ber, St. Abbs 11-14 Oct, possibly 2 on 12th (W. T. Appleyard, D. J. Bates, Mrs F. Evans, R. D. Murray).

Wood Warbler *Phylloscopus sibilatrix* Breeding: above average numbers Inv, Perth, Ayr and Kirk, good success Inv. Arrivals: 14 Apr Billiemains, Borders; 17 Apr Culzean, Ayr, 24 Apr, Renf, mainly mid May. Migration: Shet, 6 in spring, 3 in autumn; Fair Isle, 5 in spring, 4 on 6 Sep, 2 other singles; Ork, singles June, Aug and Sep; last record Easthaven, Angus 13 Oct.

Chiff chaff *Phylloscopus collybita* Breeding: No changes noted. Arrivals and passage: Shet, scarce 16 Mar - early June, scarce autumn, max 6; Fair Isle 7 Apr - 12 June, max 8, 18 Aug - 7 Nov, max 80 on 11 Oct, 50 on 13th, many northern birds; Ork, max 20 Holm 15 Oct; Aber, strong fall, many northern birds in Oct, max 100 Rattray 15 Oct; Isle of May, 30 on 10 Oct, 200 on 11th, 100 on 13th; Ber, peak 28 St. Abbs 12 Oct incl 12 northern birds. No records Jan - Feb; 8 singles in Dec Shet-Borders.

Willow Warbler *Phylloscopus trochilus* Breeding: slight increase Dunb/Renf 127 prs at 4 sites (119 in 1981); decrease in Midl (28 prs from 33 prs one site in 1981); very good numbers N. Suth; Ork, 1 pr bred Firth and singing birds 11 sites. Arrivals: 1 Apr Hensol. Kirk; 2nd Kilmaccolm, Renf; more from 4th and into N by 14th. Migration: Shet, small numbers, max 17 in spring, 21 in Sep; Fair Isle, 6 Apr - 1 June, max 15 on 19 May, 14 Aug -

15 Oct, max 50 on 6 and 20 Sep; Isle of May, scarce, max 40 on 12 May, 50 on 23 Aug; last Berstane, Ork 31 Oct, but very late bird ringed Howwood, Renf 29-30 Nov.

Goldcrest *Regulus regulus* Breeding: survived winter reasonably well, small decrease noted, eg Garten, Inv CBC 19 prs (25 in 1981). Massive immigration E coast mid Oct; Shet. rather scarce, max 60 Kergord 20 Oct; Fair Isle, max 200 on 11 Oct but big numbers from Aber S; Angus, 1000 Montrose 12 Oct; Isle of May, 500 on 10 Oct, incredible 15000+ on 11th, 5000 on 12th, 2000 on 13th; Fife Ness, 1500 on 11th; E. Loth, 2000 Barns Ness 13 Oct; Ber, 2000+ St. Abbs 11 Oct is very conservative estimate, 1100 on 12th. The whole coast reported large falls and this influx was even noted in the W, eg Howwood, Renf 23 Oct.

***Firecrest** *Regulus ignicapillus* Two: Shet, one Whalsay 14 Nov (BM, ISR); Arg, Mull of Kintyre Lt Ho 4 Nov (EJM).

Spotted Flycatcher *Muscicapa striata* Breeding: usual numbers; pr bred successfully Kirkwall. Arrivals: 7 Apr, Reston, Borders, 11th Lochmaben, Dumf; then none until 7 May. Migration: Shet, very scarce this year; Fair Isle 15 May - 8 June, max 11 on 30th, very poor return, only 3 singles in Oct; last Cruden Bay, Aber 15 Oct.

***Red-breasted Flycatcher** *Ficedula parva* Two in spring, 22 in autumn. Shet, singles Skerries 24-27 Sep, Kergord 26 Sep and 19-20 Oct, Vidlin 13 Oct, Voe 23 Oct; Fair Isle, ♀ on 23 May, 3 on 6 Oct, one 7-8th, 9th (2), 11th; Ork, Wideford 25 Sep, Holm 10-15 Oct; O. Heb, Carnan, S. Uist 20 Oct; Caith, Wick 7-9 Oct, Skaill Forest 11 Oct; Suth, 2 Durness 30 Oct; Tarbatness, Ross 6 Oct; Aber/N. Kinc, Girdleness 13 Oct, Newburgh 14-17 Oct, Strathbeg 17 Oct; Fife Ness 16 May; Ber, 2 St. Abbs 9 Oct, one 10-11th.

Pied Flycatcher *Ficedula hypoleuca* Breeding: numbers on low side; in SW Perth 27 prs fledged 155 young: improvement Glentool. Arrivals: 24 Apr, Craigie Park. Ayr; 27th Ancrum, Borders; mainly late Apr - early May. Migration: Shet, very poor year, max 22 Sumburgh 20 Sep; Fair Isle, 1-3 on 11 days in May, small passage 20 Aug - 12 Oct, max 60 on 20 Sep; Aber, poor year; Isle of May, extremely poor, max 3 on 6 Sep; last Wick, Caith 29 Oct.

Long-tailed Tit *Aegithalos caudatus* Breeding: numbers only slightly down after cold winter. Counts: 52 Gosford, E. Loth 23 Jan; Arg, 5 Coll 25 Oct; Ayr, 46 Martnaham 26 Dec; 2 Eddleston, Peeb 4 Jan were pale-headed and resembled northern race.

Marsh Tit *Parus palustris* Borders, reported from usual nesting areas.

Willow Tit *Parus montanus* Usual numbers in the south-west also Ber areas, suggesting extension of Northumberland population. 1 Craigallion, W. Stir 14 Nov.

Crested Tit *Parus cristatus* Breeding: good year Culbin. Moray 50 young fledged from boxes, incl 2 prs rearing 2 broods; Inv, Garten CBC 19 prs (18 prs in 1981) so severe weather had little effect; 5 Insh 4 Aug is unusual.

Coal Tit *Parus ater* Breeding: 27 prs Garten, Inv CBC (33 in 1981). Singles Stornoway 23 Apr and Langass, N. Uist 22 Oct were 1st for 10 years in O. Heb.

Blue Tit *Parus caeruleus* Breeding: scarce Glentool; Dunb/Renf, 33 prs at 3 sites (50 prs in 1981); Midl, 26 prs Roslin (41 in 1981); very low Culbin, Moray and decrease Garten, show effects of severe winter. Big numbers at beech mast in Nov/ Dec; 250+ Garscube, Lan 27 Nov. Migrants: Shet, Lerwick 10-18 Oct, 2 Quarff 14 Oct, Scalloway 17-24 Oct; Fair Isle, one 5 Oct, last since 1962.

Great Tit *Parus major* Breeding: some decreases reported. Counts: 200+ on beech mast Garscube, Lan 27 Nov. Migrants: Shet, 1 Sumburgh 2 Feb, influx of at least 16 from 30 Sep, max 6 Whalsay 5-13 Oct, 4 into 1983; Fair Isle, 2 on 6 Oct; Ork, 4 singles 25 Oct - 31 Dec.

Treecreeper *Certhia familiaris* Breeding: no real changes. Migrant: Kergord, Shet 30 Oct - 31 Dec.

***Golden Oriole** *Oriolus oriolus* Fair Isle, ♂ 4 June; Ork, Eday 5 June; O. Heb, ♂ Lewis 3 June; Inv, 1-2 ♂ Insh-Kincraig 11 May - 1 June; Perth, Blair Atholl 2 June, Strathardle 21 June; Borders, ♀ St. Boswells 25 July.

***Red-backed Shrike** *Lanius collurio* Summer records: Inv, 2 in one area 1 June, ♂ in another place 17 May but no proof of nesting. Migration: poor year; Shet, 6 in spring 23 May - 5 June, 6 in autumn 25 Sep - 7 Oct; Fair Isle, c5 1-10 June, 2 in July, 4 singles 4-16 Sep; Ork, singles Sanday 23 May, Deerness 25 Sep; Caith, Wick 17 May; Isle of May, 17 May, 2-6 Aug, 2 on 7 Aug.

Great Grey Shrike *Lanius excubitor* Winter-spring singles Burnmouth, Ber 10 Jan; Belly-mack, Kirk 3 Mar; Wideford, Ork 29 Apr and Haroldswick, Shet 14 May. Nearly 100 birds in autumn-winter; summary of reports Shet (13) mainly Oct; Fair Isle, Sep (1), Oct max 3 on 20-21st, Nov (1); Ork, 11 between late Sep - 14 Nov; Caith, (2) 11-17 Oct; Suth, (4) 30 Oct - 9 Dec; Ross, (1); Inv, (7); Moray/Banff, (3); Aber/ N. Kinc, (16) from 11 Oct; Angus/Perth, (2); Isle of May, (4) 11-22 Oct; Fife, (2); Loth, (8); Borders, (10) max 4 St. Abbs 14 Oct; Arg, (1); Clyde, (3); Kirk, (5); Dumf, (1).

***Woodchat Shrike** *Lanius senator* One juv Fair Isle 20 Sep (J. M. Dickson *et al*).

Jay *Garrulus glandarius* Probably continued increase: Inv, singles L. Garry 20 May, L Arkaig 21 May - 4 June; 1 Haddo, Aber 12 Dec.

Magpie *Pica pica* Breeding: many areas, mainly S, report increases. Max counts 125 Pollok, Renf 17 Jan and 51 Howwood 16 Feb. 1 Fife Ness 18 Sep; 1 Fannich Lodge, Ross 28 Mar.

Chough *Pyrhcorax pyrrhcorax* Survey revealed 141-175 birds (53-61 breeding prs) on Islay; 23 (6-8 prs) on Jura, 1 pr on Colonsay and 7-11 (1-2 prs) Kintyre making a total Scottish population of 171-211 birds (61-72 nesting prs, 3 helpers and 46-64 non-breeders).

Jackdaw *Corvus monedula* Counts and passage: Shet, 150 Kergord 7 Feb; Fair Isle, max 4 on 13 Oct; Ork, 500 Stenness 5 Dec; 2000 Balgaveny, Aber 12 Dec; 4 Isle of May 15 Apr.

Rook *Corvus frugilegus* Breeding: Ork, 1347 nests is 40% increase on 1975; O. Heb, 213 nests Stornoway is 19% increase on 1975; Midl, 4.5%, Dunb/Renf, 8%, increases on 1981. Migrants: Fair Isle, few Apr - May, max 6 on 20-21 Apr, daily 27 Oct - 15 Nov.

Crow *Corvus corone* Carrion Crow E. Dunb/W. Stir, 184 nests Kilsyth, 3.6 prs/km²; Aber, north passage 9 Apr - 7 May Peterhead, max 26 on 25 Apr; O. Heb, singles Balranald 8 May, S. Uist 9 Dec; Ork, 1 paired with Hoodie nested; 2 prs nested Fair Isle, where max 12 on 22 Apr. Hooded Crow Shet, 400 Sullom 21 Sep; 1 Isle of May 10 Apr; Kirk, 1 Mossyard 9 Sep.

Raven *Corvus corax* Shet, Fetlar 1st eggs 14 Mar, 3 out of 7 prs failed due to Fulmars; Fair Isle, influx 18 on 10 Mar; Ork, 26 prs nested Mainland; Aber, increase inland sightings; Inv, only 2 prs nested Spey Valley area; Kirk/Wig, decrease continued; but increase Arran.

Starling *Sturnus vulgaris* Fair Isle, peaks 420 on 24 Mar, 540 on 7 Apr, 160-180 prs bred very successfully, autumn peak 740 on 11 Sep; Isle of May, peak 400 on 3-6 Nov; Ber, 600 in off sea St. Abbs 12 Oct.

***Rose-coloured Starling** *Sturnus roseus* Adult ♀ Wyre, Ork 31 Aug - 7 Sep (D. Gotts, E. R. Meek).

House Sparrow *Passer domesticus* 1 Copinsay, Ork 14 May; hybrid x Tree Sparrow Fair Isle through year.

Tree Sparrow *Passer montanus* Breeding numbers generally low. Migrants: Shet, 1 Skerries 3 June, 3 Yell 13 July, 1 to 20th, 1 Spiggie 12 Dec; Fair Isle, 1-2 from 21 Apr - 8 June, singles 6 days Sep - Oct; O. Heb, 4 Benbecula 19 Jan; Caith, 6 Tister 21 Nov.

Chaffinch *Fringilla coelebs* Breeding: Dunb/Renf, 21% decrease; Midl, no change Roslin; Inv, 33% decrease Glenurquhart, decrease Garten 65 prs from 77 prs in 1981; Suth, very good breeding season; Ork, 1 pr reared young Rousay. Migration: Fair Isle, very poor spring, max 6, return from 17 Sep, max 275 on 3 Oct; Isle of May, max 150 on 13 Oct. Counts: max 1200 Carruthmuir 11 Dec; 1 summit of Ben Macdhuì 24 Sep.

Brambling *Fringilla montifringilla* Breeding: Highlands, one pr nested, fledged 5 young by 1 July (1st successful nest for U.K.); ♀ feeding 3 fledged young in another area 5 July; birds seen at 5 sites (1 pr, 3 singing ♂♂, 2 ♀♀); also 1 singing ♂ Loth 9 May. Winter and spring: Shet, small influx 3 May; Fair Isle, influx 3 May, max 39 on 7th, some to 1 June; Borders, 500 Ravensneuk 13 Mar but generally low numbers Mainland. Autumn: Fair Isle, from 20 Sep, mainly mid Oct, max 500 on 11th, 350 on 13th; Inv, very large number flocks 300-500 Loch Ness side/Inverness Nov/Dec; Isle of May, 400 on 11 Oct, 300 on 13th; numbers low in south.

***Serin** *Serinus serinus* One Fair Isle 30 Sep (N. J. Riddiford *et al*).

Greenfinch *Chloris chloris* Migration and counts: Shet, singles Mar, Oct, Nov (2); Fair Isle, 1-2 on 4 days Apr/May, few Oct - Nov, included 11 on 7 Nov; Caith, 230 Forss 10 Jan; Midl, 500 Gladhouse 7 Mar; 1000 Bowdenmoor, Borders 31 Dec.

Goldfinch *Carduelis carduelis* Breeding: several reports of decreases. Migration and counts: Shet, 1 Whalsay 14 May, 2 Quarff 9 Oct; O. Heb, small influx Jan (15 birds); Suth, 16 Lairg 7 Feb; Isle of May, 22 on 14 Oct; Fife Ness, 46 on 7 Oct; E. Loth, 150 Tynninghame 8 Oct.

Siskin *Carduelis spinus* Breeding: Kirk, good year Glentroot; Inv, 25 prs Garten CBC (31 prs in 1981). Counts and passage: Fair Isle, poor year, 1 on 22 Apr, autumn max 15 on 6 Oct; Moray, 180 Rothes 30 Dec; Isle of May, max 150 on 13 Oct; Arg, 100 Grasspoint, Mull 24 Aug.

Linnet *Carduelis cannabina* Breeding: Dunb/Renf, decrease from 25 to 12 prs at 2 sites. Counts and migration: O. Heb, 2 North Rona 20 Oct; Suth, ♂ Handa 28 May; Isle of May, max 10 on 3 Oct; Midl, 1000 Musselburgh 20 Sep - 20 Oct.

Twite *Carduelis flavirostris* Counts: Fair Isle, peak 480 on 5 Oct; Ork, 400 Holm 28 Nov; Suth, 150 Rogart 24 Jan; Fife Ness 38 on 15 Oct; Borders, 10 Lindean 5 Dec; Ayr, 450 Girvan Mains 31 Dec; Wig, 120 Mull of Galloway.

Redpoll *Carduelis flammea* Breeding: generally lower numbers. Counts and passage: E. Loth, 150 Aberlady 13 Jan; Aber, 200 Morrone 26 Nov; Inv, 250 Insh 21 Nov; Fair Isle, 10 on 20 July. Mealy Redpoll *C.f. flammea*: 1 pr bred Voe, Shet, 3+ young fledged by 16 Aug, 1st record for Shet. Migrants: Shet, small numbers spring and autumn; Fair Isle, small numbers Feb - Nov; Inv, 15 Longman Bay 7 Jan; Aber, singles Collieston 6 Nov, Monymusk 26 Dec; Isle of May, 4 on 5-10 Nov. Greenland Redpoll *C.f. rostrata*: 1 Fetlar, Shet, 15-17 Jan—only record.

***Arctic Redpoll** *Carduelis hornemanni* Two: Fair Isle 15-16 Oct; Isle of May 12 July (M. W. Fraser, H. Galbraith *et al*).

Crossbill *Loxia curvirostra* Breeding: good numbers Borders; Arg, pr nesting Islay 9 Apr; Angus, better year but fewer in Aber; bred N. Suth/Caith. Migrants: Shet, few 20 June - 7 July, max 9 Strand 6 July, 1-2 in Oct; Fair Isle, 1-2 on 8 dates 3 July - 13 Oct; Ork, 27 Hoy 25 Oct; Midl, 100 Edgelaw 1 Nov.

Scottish Crossbill *Loxia scotica* Inv, 7 prs bred Garten reserve, max 19 on 19 Feb; rather low numbers also in Deeside; Ayr, pr Ness Glen and pr Brisbane Glen 5 June showed features of Scottish Crossbill.

***Parrot Crossbill** *Loxia pytyopsittacus* Influx in Oct was first real invasion since 1962; Shet,

Catfirth ♂ 12 Oct, Voxter 3 ♂♂ 1 ♀ on 16 Oct, 3 ♂♂ 3 ♀♀ 18th, 4 ♂♂ 2 ♀♀ 9th, 1 ♂ on 25th, Strand ♀ 18-19 Oct, Voe ♀ 19 Oct; Fair Isle, 1 on 7th, 6 on 8th, ♂ on 10th, 2 ♀♀ on 12th, ♀ on 13th, 22 on 8th and 3 on 12th were almost certainly this species; Ork, 1 dead Hoy 29 Oct, 1 Burray 16 Oct; O. Heb, ♀ and 3 juvs Langass, N. Uist 21 Oct, ♂ N. Uist 30 Oct; Caith, 1 Wick 17 Oct; Ayr, ♀ Belle Isle 12 Dec.

***Scarlet Rosefinch** *Carpodacus erythrinus* Breeding: 1 pr nested in Highlands, outcome unknown, 1st breeding record for UK. Migration: Shet, Whalsay 16-23 May, Sumburgh 23 May, Virkie 23 May, Skerries 2 June, ♂ Norwick 10 June, Levenwick 22-23 Aug, Bressay 3 Sep, Fetlar 6-13 Sep, Skerries 13-15 Sep; Fair Isle, 27-28 May, 2 on 30 May - 1 June, 18 June, 26 July, 14-15 Aug, 22nd, 25 Aug - 2 Sep, 26th, 27th (2), 31st, 2 Sep, 5-11th, 5-8th (2), 6-7th (3), 23rd, 24th (2), 25th (3), one to 27th, 28th (at least 11 in autumn); Ork, Holm 6-7 Sep, S. Ronaldsay 2 Oct; Aber, Newburgh 5 Oct; E. Loth, Barns Ness 2-3 Oct; Isle of May, 9 May.

Bullfinch *Pyrrhula pyrrhula* Breeding: generally lower numbers. Counts and passage: Shet, 4 northern birds in Oct; Fair Isle, 3 northern 8-12 Oct, 2 to 20th; Ork, 1 in Feb, ♂ Holm 12 Oct, ♀ on 13-15 Oct; O. Heb, ♂ Stornoway 3 July, 2 in Nov-Dec.

Hawfinch *Coccothraustes coccothraustes* Borders, few more records, then ♀ with young on 24 July—1st proved nesting since late 1940s; E. Loth, bred successfully Ormiston; usual records Loth-Perth; Aber/N. Kinc, 1 Aberdeen 4 Jan, 3+ Banchory 11 Jan - 18 Feb, 2 Newburgh 14 Oct; 1 Wick, Caith 1-2 Jan; 1 Fair Isle 27 May; 1 Mid Walls, Shet 14 Oct.

***Tennessee Warbler** *Vermivora peregrina* First-year Holm, Ork 5-7 Sep (E. R. Meek *et al*).

***Yellow-rumped Warbler** *Dendroica coronata* One Newton, North Uist, O. Heb 22-23 Oct (R. H. & M. T. Dennis, C. H. Pickup).

***American Redstart** *Setophaga ruticilla* One (♀ or imm) Portnahaven, Islay, Arg 1 Nov (Mrs P. J. S. Dawson, D. Macleod)—a new bird for Scotland.

Lapland Bunting *Calcarius lapponicus* Migration and counts: Shet, 1 Eshaness 18 Sep, 1-2 Skerries on 5 days 18 Sep - 5 Oct, 1 Spiggie 21 Oct; Fair Isle, spring birds 15 Apr, 7 May, 8th (2), 28th and 3-4 June, daily 9 Sep - 16 Oct, max 10 on 19th, 23rd and 6 Oct, 7 on 19 Oct, one 21st and 3 on 22 Oct; Ork, 2 Stromness 5 Oct; Aber, ♂ Rattray 9 May; Moray, 1 Burchhead 23 Nov; Angus, ♂ Eathie early May; Isle of May, singles 23 Sep, 3 Nov; Fife, 2 Methil 8 Jan; Midl, 3 Musselburgh 1-2 Jan, 1 on 6 Feb; E. Loth, 1 Aberlady 21 Jan, different ♂ 13 and 22 May; W. Stir, Campsie Fells 13 Nov.

Snow Bunting *Plectrophenax nivalis* Breeding: Cairngorms, 3-4 prs in E, good success with some double-broods, some bred in W; W. Inv, 2-5 prs nested, with birds in 4 other sites, at least 2 broods of young seen 21 July; N. Inv/Ross, 1-2 singing ♂♂ and single bird on another mountain 25 Apr; 3 seen on mountain top on 6 May could have been migrants as 4 on hilltop NW Suth 9 May; 1 ♀ Suth 13 July.

Migration and counts: Shet, passage to 9 May, from 7 Sep, max 180 Scatness 15 Nov; Fair Isle, to 3 June, mainly early May when 14 on 9th, from 8 Sep, max 300 on 12 Nov; Ork, late one Papa Westray 14-17 June; Aber, 280 Cruden Bay 7 Jan; Ayr, 700+ Greenlorg Hill 21 Jan; Kirk, 10 Dalbeattie 11 Jan.

Yellowhammer *Emberiza citrinella* Migration: Shet, peak 4 Skerries 17 Mar; Fair Isle, 1-2 in Mar, singles Oct when 3 on 19th; Ork, one Sandwick 14 Oct, 7 Nov; O. Heb, 1 Coll, Lewis 1 May, 1st for 11 years.

***Ortolan Bunting** *Emberiza hortulana* Eight: Shet, 1 Sumburgh 19 May; Fair Isle, ♂ 15 May, 16-17th (2), singles 25th and 28th, singles 13-14 Sep, 20-27 Sep and 21 Oct.

***Rustic Bunting** *Emberiza rustica* Seven: Fair Isle, ♀ 18 May, ♂ 23 May, one 2-11 Oct (N. J. Riddiford *et al*); Shet, ♂ Whalsay 15 May (B. Marshall, I. S. Robertson), ♂ Skerries 27-30 May (P. Fisher, E. Tait), ♂ Eshaness 25 May (S. L. Haycox), ♂ Sumburgh 30 Sep (J. N. Dymond *et al*).

***Little Bunting** *Emberiza pusilla* Nine: Shet, Skerries 16-20 Sep, 8-11 Oct (D. M. Pullan, E. Tait), Spiggie 21 Oct (J. N. Dymond), Whalsay singles 22 Oct and 23 Oct (B. Marshall, I. S. Robertson); Fair Isle, 26-28 Sep, 6-9 Oct and 11-12 Oct (J. M. Dickson, J. F. Holloway, N. J. Riddiford *et al*); Fife Ness, 14 Oct (P. Branscomb, R. W. Byrne, W. Mattingley).

***Yellow-breasted Bunting** *Emberiza aureola* Summer: ♂ in song Highlands 14 June (P. Mason). Migrants: Shet, Skerries 21 Sep - 4 Oct (D. M. Pullan, J. D. Okill *et al*); Fair Isle, 17-22 Sep (J. M. Dickson, P. M. Ellis *et al*).

Reed Bunting *Emberiza schoeniclus* Breeding: Kirk, 50% decrease L. Ken CBC; 20% decrease Dunb/Renf 6 sites. Counts: Fair Isle, peaks 5 on 17 May, 20 on 2 Oct; Isle of May, 30 on 13 Oct.

†**Red-headed Bunting** *Emberiza bruniceps* ♂ Fair Isle 10-11 Sep.

†**Black-headed Bunting** *Emberiza melanocephala* Ad ♀ Fair Isle 12 Sep (N. J. Riddiford *et al*).

Corn Bunting *Miliaria calandra* Breeding: continued decreases noted Borders, Renf, Angus, Ross and Caith. Shet, 1 Spiggie 23 May was only record so this species all but extinct in Shet; Fair Isle, one 11 Oct, 1st since 1979; 160 Cruden Bay, Aber 14 Jan; 76 Cardryne, Wig 26 Dec.

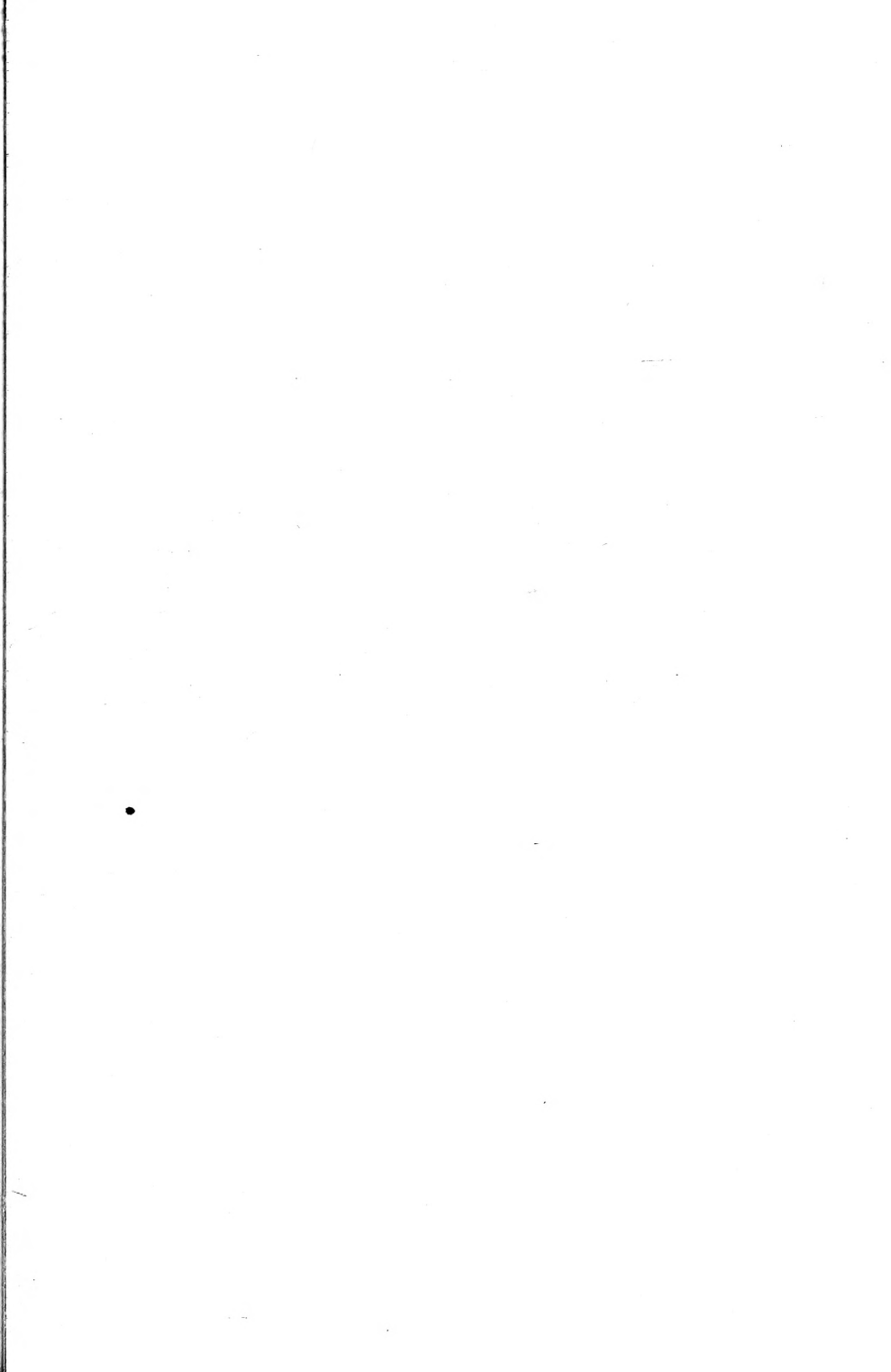
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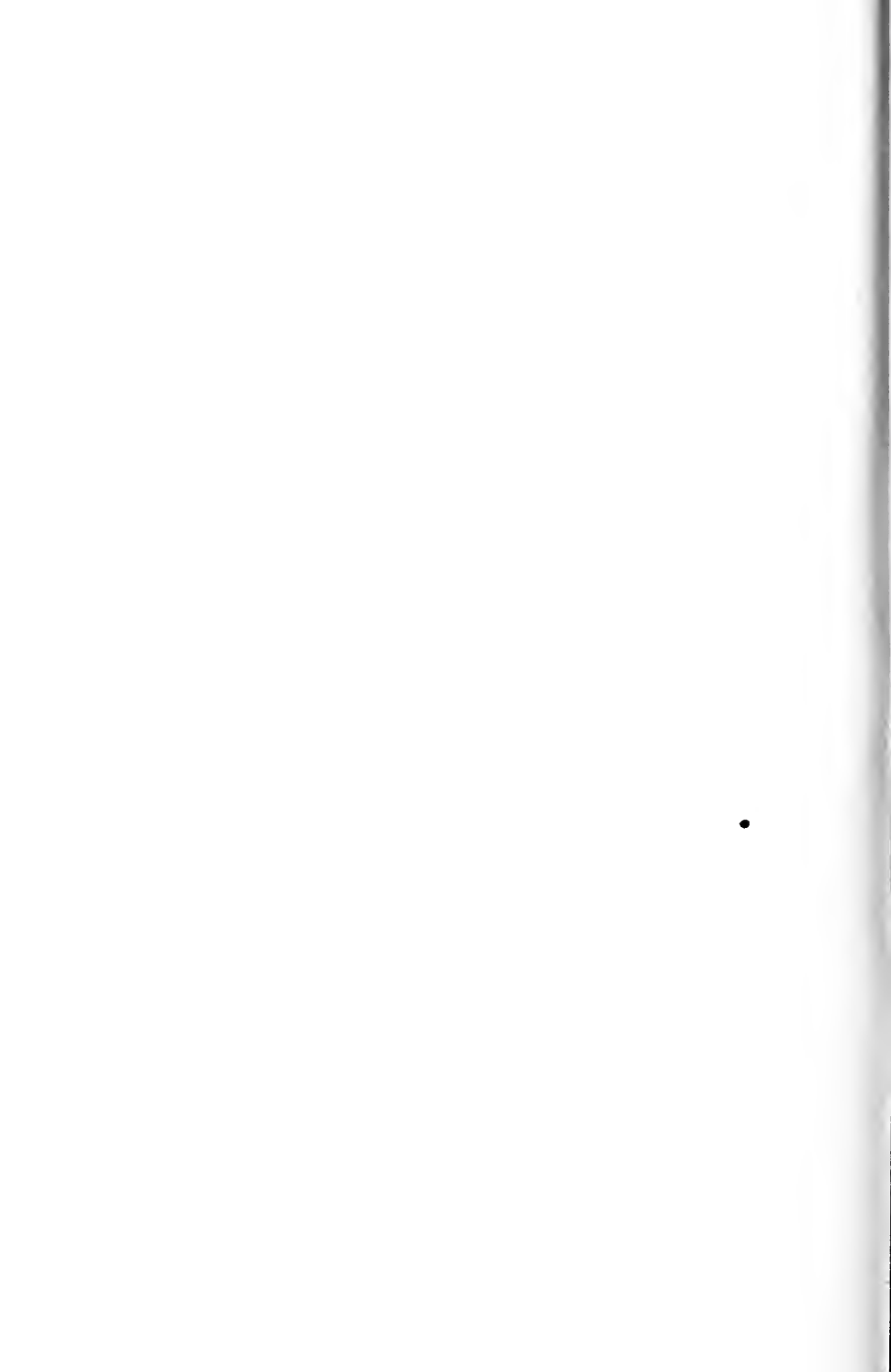
Records should be sent to the appropriate local recorders but in cases of difficulty they can be forwarded to the editor.

These records should be on one side of the sheet only, well spaced and in species order, following the Voous sequence. The only exception is that Aberdeenshire and north Kincardineshire records should be in place and date order. Observers should consult previous reports for the sort of information required. To avoid duplication of records by the recorders, names of other observers present should be given where appropriate.

Notes for the year should be sent promptly, generally in early January, but some recorders prefer more frequent records and regular contributors are asked to consult local recorders about this. Reports of occasional visits to areas outwith the observer's regular territory, such as holiday lists should usually be sent to recorders as soon as possible. Records of rarities, including species only locally rare, should be sent to recorders without delay.

To save recorders' (often considerable) time and expense, correspondents should enclose a stamped addressed envelope or indicate that no acknowledgement is required.





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