46

FORTH AREA BIRD REPORT (CLACKS, STIRLING, SOUTHWEST PERTH) 1980

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Readers will notice that the title of this annual bird report has changed and that the notes on each species now include a section on southwest Perth. This decision to widen the area covered was the result of consultations between the editorial board of the Forth Naturalist, an informal group of local natural history recorders and the committee of the Stirling branch of the Scottish Ornithologists Club. It was agreed that the previous area was unsatisfactory for several reasons: it was a highly unnatural unit both from the ecological point of view and the activities of local observers, it was inconsistent with the boundary of the main historical source (Vertebrate Fauna of Forth) and furthermore guite different from the new administrative boundaries based on Districts - this was a real problem when conservation and planning issues came up. Thus I should like to receive in the future records from Clackmannanshire, east and central Stirlingshire (as far west as Carron Valley, Buchlyvie and Loch Ard Forest), and the new areas of southwest Perth - the Vale of Menteith, Trossachs, Balquhidder, Strathyre, Braes of Doune and Sheriffmuir. There is of course some overlap with the Perthshire bird report and I must. emphasise that at present the areas of responsibility of the SOC official recorders remain unchanged, thus I guarantee to send on to the Perthshire recorder all relevant notes.

The final decision to include notes from southwest Perth was made and announced only in December, thus this 1980 report is not comprehensive. I hope the enlarged report will be more relevant to the interests of local observers and welcome notes for 1981 from old and new contributors. In the present report many notes are quoted as they were received but others are summarised or I have made the locality more general, either for brevity or because the original placename would be unknown to most readers. This could occasionally lead to the significance of a record being misinterpreted and I should like to be told of any serious problems.

The main features of the weather in 1980 were a long dry and warm spell through May followed by a notably unsettled and wet summer. Club members contributed to a weekend exploring Loch Ard Forest and also to the national survey of breeding waterfowl. It is worth drawing attention to the increasing evidence for a sizeable resident population of Crossbills in the west of the area. Our

Bird Report 1980

knowledge of the details of breeding distribution of several scarce species remains meagre and, in particular, very few notes are received on the game birds. Ruffs came through in considerable numbers in September and the records of this and several other species suggest an inland passage of waders that is more important than might have been thought from previous records. The loss of marshy habitats in the Forth valley continues — the swampy meadows upstream of Cambus have been largely drained whilst the estuarine embayment at Blackdevonmouth has been converted to a dumping area for general refuse and also low grade radioactive waste.

The Scottish Wildlife Trust is organising the collection of records of Green Woodpecker, Magpie, Jay and Redstart to map their distributions more precisely. The assistance of all observers would be very much appreciated; please note occurrences of these species and pass on the information to W. R. Brackenridge or myself. Other species that I should especially like to have details about are:-Buzzard, Ptarmigan, Black Grouse, Capercaillie, Barn Owl, Great Spotted Woodpecker, Stonechat and Twite. Other topics worth recording include roosting, the occurrence in typical suburban/farmland species in remote areas and up highland glens, habitat distribution and the seasonal appearance and disappearance of species. It would help the recorder greatly if observers with many records could send most of them in before Christmas. This report has to be compiled in two or three weeks between mid January and mid February so that notes received after the middle of January cannot be given as much consideration as they may deserve and, if a typescript has already been completed, it may be impossible to insert them into the report although they will enter the main file of information.

As in previous years the notes on a particular species often have to be interpreted against a general background that is not summarised here — would it be worth producing a brief comprehensive summary of present distribution to supplement the information in the *BTO Atlas of Breeding Distribution* and D. M. Bryant's essay on local birds in *The Stirling Region*? An asterisk indicates where all records for a species have been quoted whilst the sections headed by C, S and SWP refer to notes for Clackmannan, Stirlingshire and southwest Perth respectively.

Species that have occurred in the area in 1980 but for which no notes are published : Red Grouse, Ptarmigan, Black Grouse, Pheasant, Capercaillie, Turnstone, Whinchat, Ring Ouzel, Spotted Flycatcher, Treecreeper, Jackdaw.

48 *RED-THROATED DIVER

S 1 dead at Skinflats on 16th March (DMB)

- LITTLE GREBE
 - C 3 pairs at Gartmorn Dam in May, (broods seen (IN, WRB)
 - S Airthrey Loch, 1st on 13th February, 2 pairs reared 1 Y (MWF,CJH)
 - SWP Pairs on L. Venachar, L. Dhu, Strathyre, new dam at Invertrossachs – young reared (WRB,DT)

GREAT CRESTED GREBE

- C 2 pairs on Gartmorn Dam, no young seen, still 4 on 20th December (IN)
- S Grangemouth 530 on 9th March (DMB), still 65 on 27th April (DT); 150 on 27th and 28th September (DMB,WRB)
- SWP 1 pair at least on Lake of Menteith from 15th February (WRB,DT) Pairs at L. Watston (2Y) and L. Venachar (WRB)
- *FULMAR
 - C 1 flying W along Craig Leith on 16th June (CJH)
 - S 4 over the Forth on 2nd September gained height and lost to sight high over Grangemouth (MWF,SKP)
- *GANNET
 - S Exhausted at Gargunnock on 19th March, died after 2 days (JG) Dead adult at Grangemouth on 14th September, one wing enmeshed in piece of net (DT)

CORMORANT

- C/S Forth estuary, 325 on 19th December (DMB)
- C At Alloa "bridge", 73 on 15th January (PWS), only 10 on 30th August (CJH) but 102 on 21st September (DMB) and 90 on 13th December (WRB)
- S Inland at Carron Valley Res. 8 on 29th March, 7 on 16th and 29th November (WRB,DT)
- SWP 7 at Lake of Menteith on 13th January (JG), 5 at L. Watston on 19th April (WRB)

*SHAG S

1 at Skinflats on 21st December (DRW)

HERON

MUTE SWAN

- C Pair at Gartmorn Dam reared 6Y (IN), 10 at Cambus on 3rd December (DMB)
- S At Airthrey, 15 on 26th January, pair reared 7Y (MWF,CJH)

SWP Pairs at L. Watston (6Y), L. Lubnaig (failed), Muir Dam (WRB)

WHOOPER SWAN

Spring

- C 50 (1 juv) on ley grass at Blairlogie through March, last 40 on 4th April (CJH)
- S At Kippen/Gargunnock max. 40 on 23rd January (JG), present in much smaller numbers through February and March, last on 13th April(JG,DT)

At Airthrey 16 NW on 3rd and 11 NW on 6th April (MWF) - probably spring departure (Ed)

SWP 35 at Drip Moss on 19th January (JG,DT)

SWP 17 nests (13 with young) at Lake of Menteith on 19th April (WRB)

Autumn

- C 18 (4 juv) on ley stubble at Menstrie on 8th November (CJH), max. 61 (12 juv) on 25th November (MAB)
- S 4 at Amprior on 8th October (DT). At Gargunnock 2 on 25th October and 24 flying E on 8th November (JG). 30 near Skinflats end November – December (RD,DM). 42 at Stenhousemuir on 23rd December (DRM)
- SWP At Drip Moss, 11 on flooded field on 26th November and 48 on 17th December (JG). 39 at Thornhill on 3rd December, plus 1 dead near a power line (JG). 58 at Lecropt on 10th December (PWS)

PINK-FOOTED GOOSE

- C 80 E at Alva on 26th April (CJH). 250 SE at Muckhart on 20th September (DMB)
- S 16 SW at Myot Hill (Denny) on 28th September (CJH). 300 SE at Cambuskenneth on 4th February (WRB). 450 at Kippen on 29th March (WRB). 200 W at Stirling on 25th April (DRW)
- SWP 1,000 near Lake of Menteith on 13th January (JG). 2,000 Thornhill on 1st February (WRB). 1st of Autumn over Ashfield on 14th September (WRB). 65 SE at L. Lubnaig on 20th September (CJH). 1,000 over Doune on 2nd November (WRB)

*WHITE-FRONTED GOOSE

S 1 (European race) at Kippen on 29th March (WRB)

GREYLAG GOOSE

- C Only occasionally on ground by Forth, e.g. 62 at Tullibody Inch on 25th January (DMB). 150 at Cambus on 22nd March (CJH)
- S 1 at Skinflats on 19th August (DMB). 1st flock 39 at Carron Valley Res. on 17th September (WRB)
- SWP Pair and 6Y at L. Macanrie on 14th June (WRB). 2,000 near Gargunnock on 27th January, last 20 on 13th April (JG). 300 at Lake of Menteith on 24th April (DT)

*CANADA GOOSE

- S 3 NW at Airthrey on 27th May (MWF), possibly on moult movement (Ed)
- SWP 1, with a Greylag, at Blairdrummond Moss on 26th March (JG), hybrids occur (Ed)

*BARNACLE GOOSE

2 with Greylags at Gargunnock on 24th February (JG)

SWP 1 at Flanders Moss on 11th October (MAB)

*BRENT GOOSE

S

S 1 feeding with Shelduck at Kinneil Sewage Works on 10th October (JG)

SHELDUCK

- C Inland, 2 at Gartmorn Dam on 20th May (IN)
- S 9 pairs Dunmore-Fallin on 7 to 10th July (MWF). 1,272 at Skinflats on 20th January (DRW), Kinneil moult flock, 2,500 on 9th (ABM) and 2,158 on 10th August (DMB), 1,300 at Skinflats on 9th December, 2,710 on Forth estuary on 19th December (DMB)

WOOD DUCK

S Male shot at Fallin on 2nd October (per DMB)

50 WIGEON

1st 5 at Skinflats on 16th August (DMB), 200 at Grangemouth on 27th January (WRB) often scarce inland of Stirling, e.g. in November 8 at Carron Valley Res. 4 at L. Coulter, 2 at Touch Res. 1 at North Third Res. (WRB,CJH,DT), 4 on Forth near Gargunnock on 17th February (JG)

SWP 2 Females at L. Mahaick on 2nd July (WRB), 10 at L. Watston on 31st August, max. only 18 at L. Venachar on 11th September (WRB)

*GADWALL

TEAL

S

On Forth, 170 at Cambus on 27th January (CJH), 260 Tullibody Inch on 2nd February (WRB). At Gartmorn Dam 202 on 13th January, only 44 on 16th March (CJH,IN), 200 on 20th December (WRB). 200 on Devon floods (Dollar) on 28th December (RJY)

300 at Grangemouth on 15th January (DMB). Usually small numbers inland of Stirling but at Carron Valley Res. 93 on 19th January and 117 on 17th October (WRB)

SWP 1 or 2 pairs breeding season at Lake of Menteith, L. Macanrie, L. Watston, Muir Dam, L. Mahaick, Lochan Buidhe (WRB), 105 at Doune Ponds on 17th and 19th September (WRB)

MALLARD C A

S

At Gartmorn Dam, 1,300 on 2nd February, 1,295 on 28th September (WRB), 1,044 on 16th November (IN)

1,510 on Forth estuary on 20th January, 260 at Grangemouth on 31st January (DM) and 23rd August (DT). At Airthrey 312 on 26th January, only 10 on 9th March but 36 full grown on 26th June (suggesting influx to moult from elsewhere) (CJH). At Carron Valley Res. 218 on 19th January (WRB) and 341 on 29th November (DT). In November 350 at Touch Res. on 9th (CJH), 67 at North Third Res. and 55 at L. Coulter on 29th (DT)

SWP

At Lake of Menteith 196 on 13th January (JG) and 140 on 22nd November (DT), 360 at Castlehill Res. (new res. in Glendevon) on 22nd November (DMB), 250 at L. Watston on 31st August and 500 on 6th September, 100 at Doune Ponds on 19th September (WRB)

PINTAIL

S 59 at Skinflats on 30th January (DMB), 22 at Grangemouth on 28th January (MWF), 35 at Skinflats on 21st December (DRW)
 C 3 at Tullibody Inch on 16th August (WRB)

*GARGANEY

SWP Male at L. Watston on 31st August and 6th September (WRB)

SHOVELER

S At Grangemouth, 16 on 4 dates 9th to 24th August (DMB,ABM) C 1 at Craigrie Pond on 21st September (WRB)

POCHARD S A

At Grangemouth, 49 on 20th January, 87 on 21st February (MWF,DT,DRW). 61 at Carron Valley Res. on 29th November (DT) otherwise scarce W of Stirling

S Male at Airthrey on 13th January and until 15th February (WRB,MWF,CJH)

At Gartmorn Dam, 250 on 17th February, only 13 on 16th March, **51** 400 on 21st September was quite exceptional, 144 on 14th December typical (WRB,CJH,IN). Few on Forth, max. 17 at Cambus on 27th January (CJH)

SWP 14 at L. Venachar on 12th January (WRB), 18 at L. Lubnaig on 23rd January and 16 on 15th February (WRB,DT)

TUFTED DUCK

С

- Gartmorn Dam, 200 on 17th February (WRB), still 108 on 16th
 March (CJH,IN), only 22m and 12f seen in May, 4 broods noted (IN),
 89 on 16th June (IN) (suggests mid-summer influx, Ed), 250 on
 21st September (WRB), 138 on 16th November (IN). On Forth, 70
 at Cambus on 2nd February (CJH), 45 at Tullibody Inch on
 20th December (WRB)
 - On Forth, 50 at Cambuskenneth on 4th February (WRB). At Airthrey 144 on 30th January (MWF), few in February/March, 29 on 4th April, 51 (26m) on 17th November (MWF), 4 pairs at Airthrey in May/June, 1 duckling seen (CJH), pair Cocksburn Res. (WRB), 41 at Carron Valley Res. on 17th September (WRB) and 33 on 29th November (DT), 32 at North Third Res. on 17th February (WRB), 21 on 1st March (AW), 24 on 14th December (DT)
- SWP Duck + 4Y at Blairdrummond on 2nd July (WRB), 245 at Lake of Menteith on 13th January (JG), 26 at L. Watston on 1st September (WRB)

*SCAUP

S

S In Grangemouth area, 12 on 27th January (WRB) and 2 on 14th February (DRW), 6 on 24th and 8 on 27th September .(DMB,DRW)

GOLDENEYE

- 62 (15m) at Gartmorn on 16th March, 64 on 14th December (CJH,IN). On Forth, 50 at Kennetpans on 15th January (DMB), 60 at Cambus on 2nd February, still 33 on 22nd March (CJH), 28 on 3rd December (DMB)
- S On Forth, 88 flying E at Manorneuk on 19th January (CJH), 75 at Cambuskenneth on 4th February (WRB), 15 at L. Coulter on 17th October, few on other waters (WRB)

*SMEW

S f/imm at Grangemouth on 24th August (DMB) (unusual date, Ed) SWP f/imm at L. Venachar on 7th and 20th April (WRB,DT)

RED-BREASTED MERGANSER

- S Grangemouth area, 115 on 20th and 350 on 27th January, 460 on 6th February (DMB,WRB). 2 pairs at Earlsburn Res. 1 on 4th and 1 pair at North Third Res. on 17th April (WRB,JG). 2 pairs Touch Res. on 23rd April, 4 birds on 15th June (WRB)
- SWP at Lake of Menteith, 2 on 29th March (JG) and pair on 4th April (WRB) pair at L. Katrine (E) on 17th June (WRB)

GOOSANDER

- C On Forth, 8 at Tullibody Inch on 25th January (DMB), 17(9m) at Cambus on 2nd February (CJH), 6 at Kinneil on 31st August (DMB) – early for estuary (Ed). On Devon, 4 at Dollar on 12th March (RY), 8 at Muckhart 23rd November (DMB), 7 on Glendevon Res. on 30th November (CJH)
- S 10(8m) at Cambuskenneth in February (CTJ). 17 at L. Laggan on 8th March (DT), 8(4m) at L. Coulter on 1st March (AW); 10 at North Third

Res. on 19th January and 6 on 7th September (WRB)

- SWP 15 at Lake of Menteith on 13th January (JG). 7 at L. Katrine (E) on 22nd April, 17 at L. Achray on 17th July (WRB), 17 at L. Venachar on 27th July (DT). Young seen at L. Lubnaig and Callander, probably other pairs Callander – Doune (WRB)
- *HEN HARRIER
 - S 2 m over Gargunnock Hills on 4th April (JG), 1 at Pendreich Res. 19th September (CJH)
 - SWP 1 Aberfoyle on 4th April, m Callander on 31st August (WRB). m Torrie Forest on 20th September (CJH)

SPARROWHAWK

- C Many records through year; mobbed by crows at Cambus on 22nd March and Alva on 20th September, mobbed by swallows at Cambus on 16th August (CJH)
- S Regular through year at Gargunnock (JG), 1 over Stirling on 7th May (AW)
- SWP Frequent Aberfoyle-Trossachs, 4 over Duke's Pass on 13th April (WRB), 3 pairs within ½ mile near Dunblane (4Y,2Y, eggs addled), probably another pair nearby (P.S-A)

BUZZARD

- *C 1 over Alva mobbed by 2 Lesser Black-backed Gulls on 6th April (CJH)
- *S 4 E at Airthrey on 13th February, 1 on 14th April (DMB)
- SWP Frequent max 6 at Aberfoyle on 15th February and 7 at Braes of Doune on 1st March (WRB), 8 at Flanders Moss on 11th October (MWF,DH)

*ROUGH-LEGGED BUZZARD

SWP 1 at Sheriffmuir from 1st November to 13th December (E. Blake, DMB,MWF,DH)

GOLDEN EAGLE

SWP Several in Balquhidder – Callander hills (WRB,CJH), 1 at Sheriffmuir on 26th January, mobbed by a smaller raptor (Miss E. Lapthorn)

OSPREY

S 1 mobbed by gulls over Stirling on 2nd May (DRW)

KESTREL

- S Pair with nest on pylon at South Alloa on 11th July (MWF). Nest with young at Ballochleam on 4th July (WRB)
- SWP Nest with young at Callander on 29th July (WRB). Max 4 at Sheriffmuir on 6th December (MWF,DH)

MERLIN

*C 1 at Muckhart on 4th October (DMB) *S 1 at Durnvat on 27th September, chas

1 at Dumyat on 27th September, chasing small passeres (CM), 1 at Kippen on 9th October (DK), 1 at Blairlogie on 18th November (MAB), 1 at Cambuskenneth in late December (KPA). Grangemouth area 5 on 20th January to 21st February (WRB, MWF,DT,DRW), seen to catch a Dunlin.

PEREGRINE

Breeding 2Y reared at site in W of area, immature pair at another site. In E of area 2Y (m and f) reared at a site where no breeding has been attempted for ten years, first seen 5th April, last on 24th August.

C 1 over Alva on 14th January, 20th September (CJH)

Grangemouth area, 1 on 20th and 28th January (MWF,DRW),
 1 on 24th August (DMB), 1 at North Third Res. on 19th January
 and 15th November (WRB)

PARTRIDGE

- Near Gargunnock max of 22 in January and 9 in November (JG).
 12 on Stirling University lawns on 12th November (MWF)
- SWP 10 at Barbush on 9th August (WRB)

* QUAIL

SWP 1 at Easter Row (Doune) on 26th June (MAB)

*WATER RAIL

SWP 1 calling at L. Ruskie on 30th June (WRB)

*CORNCRAKE

- S 1 calling through June at Gargunnock (JG)
- SWP 2 calling at Drip Moss on 28th June (WRB). 1 in uncut hay at Lake of Menteith on 14th June (JM)

MOORHEN

- C 6 on Gartmorn Dam 20th May (IN) (?4-5 pairs, Ed)
- S 1 pair breeding at Airthrey although max 8 on 15th February and 17th November (MWF,CJH)
- SWP 3 pairs bred at Doune Ponds (WRB)

COOT

- C 20+ pairs at Gartmorn Dam (CJH,IN) 138 on 14th and 125 on 28th September (WRB,CJH,IN)
- S At Airthrey Loch, 55 on 26th January, 60 on 4th February down to 33 on 4th April (WRB,MWF), ca 15 pairs nested, 7 to 10 broods hatched (CJH), 22 on 17th November (MWF)
- SWP Lake of Menteith, 359 on 13th January (JG) and 120 on 29th November (WRB). Pair bred (2Y) at Doune Ponds (WRB)

OYSTERCATCHER

Spring arrival, mainly calling at night : C. Alva on 15th February, 40 on pasture at Cambus on 22nd March (CJH). S. over Stirling on 9th and 13th February, (DT,DRW), Airthrey on 16th February (MWF), 85 at Cambuskenneth on 16th February (DT), 4 at Gargunnock on 24th February (JG), 3 at L. Coulter on 1st March (AW). SWP. over Dunblane on 22nd February (PSA)

- S up to 4 over Stirling on 7th, 29th and 30th May (AW). 24 over Gargunnock on 24th August (JG), 1 E at Airthrey on 12th November (MWF) (unusual inland after late summer, Ed)
- SWP 72 Ashfield on 29th March, 30 at Barbush on 9th August (WRB). 2 pairs at Doune Ponds c/3 at Kilbryde (WRB)

RINGED PLOVER

- Grangemouth area, 183 on 11th and 70 on 18th May, 95 on
 10th August. 264 on Forth estuary on 16th August (DMB)
 2 pairs displaying at Earlsburn Res. on 4th April (JG)
- SWP Seen Doune Ponds on 10th April, 2 pairs reared young (WRB,PWS). Pair at Blairdrummond on 14th August (WRB)

GOLDEN PLOVER

- C 30 on pasture at Cambus on 22nd March (CJH)
- S 5 at Skinflats on 2nd July and 120 on 4th July (MWF),
 - 1,000 at Kinneil on 27th September (DMB), 1,250 on Forth

estuary on 21st December (DMB)

Visible movement : 5 S at Denny Ridge on 11th and 7 SW on 27th September. 26 SSW at Myot Hill and 8 SSW at North Third Res. on 28th September (CJH)

SWP 2 displaying at Meall Odhar (Callander) on 1st March (WRB)

GREY PLOVER

Grangemouth area, 39 on 25th January, 1st of autumn 2 on 28th July rising to 40 on 27th September (DMB,DT)

LAPWING C [

S

Displaying over fields at Menstrie on 10th March, still flock of 90 at Cambus on 22nd March (snow) (CJH). Few on inland fields in late summer; 690 in an hour flying downstream at Cambus on 16th August; return in early autumn, e.g. 740 on ley grass at Menstrie on 27th September (CJH)

S Many pairs around Gargunnock (JG), return to Carse round Kippen from 12th February (WRB); however, still 1,180 at Skinflats on 14th February (DRW); 300 at L. Coulter on 1st March (AW); 165 at Skinflats as early as 2nd July (MWF); 3,000 at Bandeath on 16th August (WRB); 400 at Camelon on 13th October (AW)

SWP Inland return 11th to 15th February. 500 at Ashfield on 2nd August (WRB). 60 flying S, very high, at L. Lubnaig on 18th October (CJH)

KNOT

S

S At Kinneil, 1,500 on 6th February and 5,560 on 9th December (DMB)

SANDERLING

1 at Skinflats on 11th May; 4 at Kinneil on 20th July and 1 on 10th August (DMB)

LITTLE STINT

S Grangemouth area, 2 on 23rd August, 1 on 13th, 4 on 24th and 2 on 27th September (DMB,DT,DRW)

CURLEW SANDPIPER

Grangemouth area, 26 bird-days 24th August to 28th September, max. 8 on 13th September (DMB,DT)

DUNLIN

S

S 2,640 at Skinflats 11th February (DRW), 900 at Kinneil on 20th January (DT) and 500 on 28th September (WRB). Green dyed birds seen in February (DRW)

SWP 3 at L. Macanrie on 14th June (WRB)

RUFF

C 8 at Tullibody Inch on 16th August and 14 on 30th August (CJH,WRB). 4 at Craigrie Pond on 16th August (WRB)

S Grangemouth area, 42 bird-days 10th August to 27th September, max. 18 on 31st August and 13 on 27th September (DMB,DT)

SWP At Barbush, m and f on 14th and 2 m on 15th August (WRB)

SNIPE

Only small numbers recorded.

C 6 at marshy spring at Alva on 3rd February, snow and frost (CJH)

- S Only seen twice at Gargunnock in January and August (JG)
- SWP Displaying at 380m on Ben an't Sithein on 9th April (WRB), 4 at Doune Ponds on 17th September (WRB)
- WOODCOCK
 - С 2 roding at Wood Hill on 2nd March (CJH)
 - SWP Roding at Dunblane on 1st and 2nd March (PSA), Ashfield on 7th April, (WRB)

*BLACK-TAILED GODWIT

At Kinneil, 1 on 4th and 11th, 2 on 6th and 17th February, 1 on 13th, 14th, 24th and 27th September (DMB,DT,DP)

*BAR-TAILED GODWIT

180 at Kinneil on 7th September (DMB), 181 on 7th S February (DRW)

WHIMBREL S

S

Grangemouth area, 19 bird-days from 10th July to 31st August, max. 10 on 20th July (DMB,WRB,MWF,SKP,DT)

CURLEW S

Grangemouth area, 280 on 17th February, still 45 on 27th April (DT). 360 on 4th July (MWF), 330 on 13th September (DMB). Inland return to Gargunnock on 17th February (JG), L. Coulter on 1st March (AW), 62 near Gargunnock after snow on 21st March (JG)

SWP Inland return above Callander on 1st March (WRB)

SPOTTED REDSHANK

Grangemouth area, 1 on 14th August, 2 on 27th September, 2 on 9th December (DMB)

REDSHANK

S

- S 910 at Skinflats on 25th January (DMB), still 170 on 27th April (DT). Inland return to Gargunnock on 23rd March (JG). 740 at Skinflats on 21st December (DRW)
- SWP Return to Ashfield on 11th February (WRB)

GREENSHANK

- C At Cambus, 1 on 2nd and 16th August (WRB,CJH)
- S Grangemouth area, 77 bird-days 1st July (early) to 27th September, mainly early August to mid September, max. 10 on 31st August (DMB, DT, ABM). Also 1 on 11th May (DMB). 1 on 14th and 28th January (MWF,DM) and 30th December (DMB)
- SWP 1 at Barbush 9th and 16th August, 1 at Doune Ponds on 17th to 19th September (WRB)

GREEN SANDPIPER

SWP 1 at Barbush on 15th and 16th August (WRB), 1 nearby on 24th August (E. Blake)

COMMON SANDPIPER

- S 1 at Airthrey on 4th and 2 at Stirling on 9th April (MWF). Grangemouth area, from 28th July to 27th September, max. 8 on 31st August (DMB,WRB)
- SWP Spring return to Teith 23rd to 24th April (WRB,DT). Possibly bred Doune Ponds (WRB)

C. J. Henty

ARCTIC SKUA

S Grangemouth area, 5 on 24th August, 2 on 21st September (DMB). 1 over Cambuskenneth on 14th October (KPA)

POMARINE SKUA

Grangemouth area, 1 on 31st January (DMB) S

BLACKHEADED GULL

- 20 pairs Carron Valley Res. low water probably not S successful (WRB)
- SWP 250 pairs at Muir Dam on 19th April, 150 pairs at Blairdrummond GP (30 nests seen) on 2nd July, 25 pairs at Ashfield marsh - 15 + young reared (WRB)

COMMON GULL

- 10 pairs on islet on west L. Katrine. 2,000 at roost on S L. Coulter on 17th September - regular sunset flightline SSW over Stirling (WRB)
- SWP 10 pairs reared 10 Y at Blairdrummond. Pair prospected Ashfield (WBB)

LESSER BLACK-BACKED GULL

- Late bird at Stirling on 9th November (MWF). Spring arrival: 1 at S Stirling on 17th and 1 at Ballochleam on 21st February (DT)
- SWP 17 at Thornhill on 15th February, 2,000 at Lake of Menteith by 6th April. Colony at East Flanders Moss numbering thousands (WRB)

HERRING GULL

S 1,500 at Cambuskenneth on 4th February (WRB)

500 pairs at East Flanders Moss on 4th July (WRB). (A tenfold SWP increase since 1974, Ed)

HYBRID GULL

1 adult at Kinneil on 7th February, larger than nearby Herring Gulls, white wing tips but lacking heavy bill of typical Glaucous Gull, possibly Glaucous/Herring hybrid (DRW). Probably the same bird was seen on 20th January and 6th February (DMB,DT)

GREATER BLACK-BACKED GULL

С 47 at Alloa on 30th August (CJH)

KITTIWAKE

S

100 off Bo'ness on 30th and 31st January (DMB) S (District)

SANDWICH TERN

Grangemouth area, max. 100 on 24th August, last 1 on 27th September (DMB). 2 flying W over Gargunnock on 4th August (D. Holmes)

BLACK TERN

S 1 at Kinneil on 14th September, possibly flew inland (DT) COMMON TERN

S

At Grangemouth, 20 on 27th April, 56 nests on 24th May, 36 + Y reared (DMB)

GUILLEMOT

С 1 at Kennetpans on 30th January

S 1, oiled but alive, at Grangemouth on 24th and 25th January

(MWF). 1 at Skinflats on 21st December (DRW)

- STOCK DOVE
 - C 5 pairs at South Alloa railway "bridge" on 16th July (MWF)
 - S Pair breeding in quarry above Gargunnock (JG). 25 at Skinflats on 27th January (WRB). 20 at Airthrey on 30th October (DMB)
 - SWP In west, 3 at Kinlochard on 26th January, pair investigating Creag Dubh on 15th February (WRB)

WOODPIGEON

SWP 1,000 at Doune Ponds on 2nd November (WRB)

*COLLARED DOVE

- C Decrease in occupied area in Alva. At Menstrie pair seen from 2nd August to end of year, 1st known record (CJH)
- S Now very common at Gargunnock, up to 25 in November (JG). Pair made a partly wire nest 16m up a crane in use at Stirling, c/2 hatched 9th June, 1 young died and adults deserted by 13th June (AW)
- SWP Generally few noted (WRB). (A village by village account of the distribution of this species would be very valuable (Ed))

CUCKOO

S 1st at Gargunnock on 11th May (JG)

SWP Heard Brig o'Turk, L. Lubnaig, Callander (WRB)

TAWNY OWL

- S At Kippen one killed a fledged Collared Dove on nest, adults present, dropped it fatally wounded (DK). None heard at Gargunnock this year (JG)
- SWP 1 hunting from power line at Blairdrummond Moss on 28th June (WRB)

*LONG-EARED OWL

S 1 at Sauchie Crags on 17th April (WRB). 1 dead (? poison) at Leckie Res. on 26th August (JG)

*SHORT-EARED OWL

- S Pair near Fintry on 30th March (PWS). 1 at Kinneil on 20th January (DT)
- SWP 1 at L. Mahaick on 6th August (WRB). 1 over peat hags at Lag a Phuill (Balquhidder) on 7th December (CJH). This species remains remarkably scarce.

SWIFT

First records: (C) : 3 at Muckhart on 11th May. (S) : 3 at Stirling and 1 at Airthrey on 8th May (CJH,AW). (SWP) : 3 at Callander on 11th May (DT).

Last records: (C) : 1 at Alva on 23rd August (CJH). (S) : 20 at Stirling on 15th August. (SWP) : 1 at Ashfield on 13th August (WRB)

C . 300 W in 2 hours at Kincardine Bridge on 3rd July (MWF). 45 apparently taking swarming ants over Alva on 25th July (CJH)
 SWP 200 at Lake of Menteith on 14th June (WRB)

KINGFISHER

- C 1 on Devon, Crook of Devon stretch, 25th July and 14th to 30th November (DMB,RY)
- S 1 at Airthrey Loch on 10th January, 11th February, 3rd

and 13th April, 12th and 13th November (DMB,WRB,DH,MWF). 1 at Kippen in late summer (DK)

These records suggest a few breeding pairs (Ed)

GREEN WOODPECKER

- S & Juveniles seen Aberfoyle, Kilmahog, Polmaise (WRB). Regular
- SWP Doune, records from 12 other localities between Carron Valley and Trossachs (many observers).

GREAT SPOTTED WOODPECKER

- C No proved breeding, 1 by Black Devon near Forestmill on 23rd February (CJH). 1 drumming at Alloa on 7th March – have been coming for peanuts for several years (Miss I. Whyte)
- S In summer at Gargunnock, Bridge of Allan and Castlecary, winter at Fintry and Polmaise (JG,WRB,DRW)
- SWP Spring/summer records at L. Ard, Trossachs, Aberfoyle, Lanrick, Doune (WRB)

SKYLARK

- C 300 in sheep feeding field at Cambus on 22nd March, 200 on grass stubble at Alva on 23rd March, snowy spell (CJH). 100 at Craigrie Pond on 21st September (WRB)
- S 200 SE at Cambuskenneth on 4th February (WRB). Very numerous on fields around Plean on 27th September. Small movements between WSW and ESE in Bridge of Allan area 19th September to 10th October, surprisingly scarce in passerine flights over Denny Ridge and Myot Hill (CJH)
- SWP 1st song at Ashfield on 11th February, 1 on Stuc a Chroin at 830m on 1st March (WRB). Many on fields at Lecropt on 30th September, a few flying between SSE and SW at Torrie Forest on 20th September and 41 W to SSW over Braes of Doune on 4th October (CJH)

SANDMARTIN

- C 20 at Dollar on 15th April (DMB)
- SWP 2 at Cambusmore (Callander) on 6th and 4 at Lake of Menteith on 7th with 150 on 19th April. 60 at Barbush on 17th April, last 10 on 8th September (WRB)

SWALLOW

- C 2 at Dollar on 15th April, last at Muckhart on 18th October (DMB)
- S Last at Gargunnocks on 7th and at Carron Valley Res. on 17th October (JG,WRB). 1 at Bridge of Allan on 6th November (DT). Most directions of apparent migration are inconsistent, however 16 in 4 groups to SW and S over main ridge of Gargunnock on 31st August (CJH)
- SWP 1st at Port of Menteith and Dunblane on 9th, Callander on 14th and Doune on 15th April (WRB,MWF,SKP, K. Graham). A late nest at Dunblane had large young on 7th September (PSA)

HOUSEMARTIN

- C 3 at Dollar on 16th April (DMB) not at Alva until 4th May (CJH). Relatively few at Alva in early autumn. 200 at Muckhart on 9th September.
- S 1st at Gargunnock on 1st May (JG). 100 at Stirling on 10th and 65 at Airthrey on 25th September (WRB,CJH)

 SWP 10 pairs at Ashfield, feeding 2nd broods until 15th September.
 40 feeding whilst perched on sallow bushes at Doune on 20th September (WRB) (of report for 1977, Ed)

TREE PIPIT

S Last 1 over Stirling on 29th August (WRB)

SWP 1st at Callander on 14th April (WRB)

MEADOW PIPIT

- C 50 on frozen, flooded pasture at Cambus on 27th January large group for winter (CJH)
- S Many parties flying mainly between W and SE at Bridge of Allan, Gargunnock Hills, Denny Ridge, Myot Hill, Plean and Slamannan, 31st August – 2nd October, max. 84 in 1 hour on 19th September (CJH)
- SWP 100 on moors near Tighnablair on 9th September (largest autumn party) (CJH). Many parties flying between W and SE at Lecropt, Braes of Doune, Torrie Forest, L. Lubnaig and Glen Ogle, 9th September to 4th October (CJH)

*ROCK PIPIT

S Grangemouth area, 1 on 20th January, 2 on 21st December (DRW)

YELLOW WAGTAIL

S Male at Kinneil on 28th July (WRB)

GREY WAGTAIL

C/S More late autumn and winter records than usual, up to 3 in November at Crook of Devon (DMB), 7 roosting in willows at Airthrey on 14th November (MWF). In January, February and December at Gartmorn Dam, Alva, Grangemouth, Airthrey, Bridge of Allan (WRB,CJH,SM,AW). Movements: 2 SW at Muckhart on 27th September, 1 SE Pendreich 19th September, 2 S at Ballochleam on 31st August (DMB,CJH)

PIED WAGTAIL

- C Roost in reeds at Cambus in November, max. 56 on 22nd November, only 6 on 19th December (MWF,CJH)
- S Male White Wagtail with Pieds at Airthrey on 13th to 16th August (MWF)
- SWP Max. at Ashfield, 15 on 17th August. Roost of 60 at L. Watston on 1st September (WRB), 5 S at L. Lubnaig on 20th September (CJH).

DIPPER

- C Singing at Dollar and Forestmill in late February (CJH,RJY). Up to 18 in November on Devon between Glendevon and Crook of Devon (DMB)
- SWP 3 or 4 pairs Ashfield Kippenrosss, 2 pairs Leny Falls, feeding young on 20th April (WRB)

WREŃ

S/ Some improvement in numbers this year (WRB). Good year in SWP CBC at Falkirk (AMcI)

DUNNOCK

C 1st song on 13th February at Dollar (RJY)

SWP 1st song at Dunblane on 24th February (ABM)

C. J. Henty

60 ROBIN

Autumn song often heard at night at Airthrey, max. 7 at 02.00 (bright moon) on 20th December (MWF). Good year in CBC plot at Falkirk (AMcI)

REDSTART

- C 1 in gorse at Alva on 24th August, presumably migrant (CJH). No other records.
- S Male at Ballochleam on 22nd June (WRB). 1 in garden at Gargunnock on 3rd September (JG).
- SWP Widespread in breeding season, 1st at L. Ard on 16th Brig o'Turk and Port of Menteith on 20th April (WRB).
 6 singing Trossachs-Brenachoile on 22nd April, male at Blairdrummond 2nd July, pair Kippenross 4th June (WRB).
 35 pairs in boxes at L. Katrine (H. Robb)

*STONECHAT

- C Pair in Alva gorse 25th May to 24th August, at least 2 Y reared (CJH)
- SWP Pair with young near Braco on 9th June (PWS), 2 immature in Menteith Hills on 9th July (DT)

WHEATEAR

- C Juveniles on Craig Leith by 15th June (CJH). Last 1 at Tullibody Inch on 4th October (ABM)
- S 1st at Gargunnock on 4th April (JG). 3 pairs Touch Res. (WRB). Early migrant at Skinflats on 4th July (MWF)
- SWP 6 at Inverlochlarig on 6th April, 2 at Ashfield on 15th September – 1 resembled the large Greenland type (WRB)

BLACKBIRD

S 1st song at Stirling on 11th February (WRB)

FIELDFARE

- S 240 at Bandeath on 2nd February (WRB). Ist of autumn, 15 at Airthrey on 4th October (WRB), widespread 11th to 19th October (DMB,JG,CJH,ABM,AW). 800 to W and SW over Gargunnock on 19th October (JG), 200 at Shieldhill on 11th November (AW)
- SWP 200 at Lecropt on 19th October (ABM), 25 NW up Kirkton Glen on 16th October (WRB). There is at the moment no evidence of any southerly movement in the Balquhidder-Strathyre area (Ed)

SONG THRUSH

C Frequent song around Dollar on 26th January (RJY)

- C/S/ As usual, noticeably scarce in January and early February
- SWP (WRB,CJH), returned to Ashfield on 11th February (WRB)
- S 3 flew off high to W from Stirling Castle on 24th September (CJH)

REDWING

- C During snow on 3rd February at Alva several parties frequented open leafy places under trees. 1st of autumn, 25 at Tillicoultry on 4th October (CJH)
- S Several parties S at Stirling on 2nd to 4th February, otherwise scarce in winter (WRB). 1st of autumn at Stirling on 4th October (DRW). 200 flying between SW and W at Gargunnock

on 19th October (JG)

SWP 1st of autumn, 1 at Dunblane on 24th September (WRB)

- MISTLE THRUSH
 - C few in midwinter (CJH). Completed nest at Dollar on 10th March (RJY)
 - S Fairly common in small numbers through year at Gargunnock (JG).
 14 at Airthrey on 6th September (CJH)
 - SWP 50 at Cromlix on 8th September (WRB). 5 S at Lecropt on 30th September (CJH)

* GRASSHOPPER WARBLER

- C 1 singing by Devon at Dollar on 11th July (Mrs. E. A. Greenfield)
- S Presumed migrant(s) singing at Airthrey on 20th and 22nd April and 6th May (MWF,CJH,DRW)
- SWP 3 singing at Drip Moss on 28th June, 1 at L. Dhu on 1st July, alarm calls at Kingshouse on 19th June and Inverlochlarig on 25th July (WRB)

SEDGE WARBLER

- C 3 singing on Alloa Inch on 7th July (MWF)
- S 1st at Airthrey on 25th April, last on 2nd October (MWF)
- SWP 5 pairs on Allan Water, Kinbuck-Barbush, in June. 2 pairs at Inverlochlarig (WRB) – shows extreme penetration of a highland glen (Ed)

WHITETHROAT

S 1st at Gargunnock on 11th May (JG)

SWP 3 pairs at Doune Ponds, generally widespread along southern margin of hill ground (WRB)

GARDEN WARBLER

S Singing at Airthrey on 18th May (MWF)

SWP Singing at Brig o'Turk on 17th May (DT). 2 pairs at Doune Ponds (WRB)

BLACKCAP

- S Singing at Airthrey on 16th April (MWF). 2 pairs Gargunnock (JG).
 Male at Bridge of Allan on 31st December.
- SWP Apparently scarce (Ed). Present Trossachs, Doune (WRB)

WOOD WARBLER

S 1st at Bridge of Allan on 14th April (DRW)

SWP 1st at L. Ard on 8th May (DT). Widespread and locally frequent in west, e.g. deciduous woods of L. Ard Forest (Stirling SOC), east L. Katrine, Trossachs, Brig o'Turk (WRB)

CHIFF CHAFF

- S 1st at Airthrey on 27th March (MWF,SKP). A phylloscopus at Cambuskenneth on 14th December was probably this species (KPA)
- SWP Singing at Dunblane on 3rd April, present in 5 localities Dunblane-Callander (WRB,DT,PWS)

WILLOW WARBLER

- C 1st at Muckhart on 15th April (DMB), big arrival along Hillfoots on 17th April (CJH)
- S 2 at Airthrey on 12th April (DRW)
- SWP Widespread Doune-Aberfoyle on 13th April, last 3 at Doune Ponds on 3rd September (WRB)

C. J. Henty

GOLDCREST

SWP Altitude distribution, up to 450m in Kirkton Glen plantations (WRB)

*PIED FLYCATCHER

SWP 38 pairs in nest boxes at L. Katrine (H. Robb) Male and immature at Strathyre on 6th July (WRB)

LONG-TAILED TIT

- Parties '(max. 11) all along Blackdevon, Gartmorn-Forestmill, С on 23rd February, 14 in willow/birch scrub at Tillicoultry on 23rd June (CJH)
- SWP Small flocks widespread (WRB). Young flew at Dunblane on 22nd/23rd May (PSA), 25 at L. Lubnaig on 20th September (CJH)

COAL TIT

SWP Max. flock, 20 at Callander on 10th December (WRB)

BLUE TIT

- С Brood hatched 19th May, fledged 5th June near Kincardine (DM)
- S Nest building at Airthrey on 15th March (MWF), 42 in reeds at Cambus on 22nd November (MWF)

GREAT TIT

S Singing at Airthrey on 22nd January (CJH)

SWP Singing at Kinlochard on 26th January, 40 at Callander on 10th December (WRB)

GREAT GREY SHRIKE

С 1 at Menstrie on 5th March (PL)

SWP 1 at Duke's Pass, Aberfoyle, 4th to 12th April (WRB)

JAY

- *C 1 at Forestmill on 23rd February (CJH)
- S 1 at Pendreich on 7th November (ABM), 2 at Gargunnock mid September - early November (JG), 1 at Airthrey on 27th April (DRW). As usual, few non-breeding season records for south-east of area (Ed)

MAGPIE

S Regular at Gargunnock, max. 5 on 18th March (JG). Maintaining status around Falkirk, max. roost flock of 12 (AMcI) SWP

Present at Dunblane, Gartmore-Aberfoyle (WRB)

ROOK

С

- Rookeries, 195 nests at Menstrie on 12th April, little change (CJH), С 220 + at Gartmorn on 19th April (increase of 65 over 1978) (CJH)
- S Flocks of up to 100 taking acorns at Airthrey 13th to 29th October (DMB,CJH)
- SWP 1 hung upside down for several seconds from a power line at Doune on 22nd January (WRB)

CARRION CROW

Max. 20 roosting at Wood Hill on 21st December (CJH) - flocks greatly reduced since early and mid 1970's.

HOODED CROW

SWP Several, with rather dirty looking plumage, in mixed pairs with Carrion Crows south of Balquhidder on 7th December (CJH)

RAVEN S

3 on sheep carcase at Gargunnock Hill on 14th April (JG), 3 at Sheriffmuir on 13th December (DMB)

SWP 7 at Uamh Beg on 31st August (WRB), present Glen Dubh (CJH), Ben Vane, Ben an't sithein, L. Venachar (WRB)

STARLING

- C Nested near Kincardine in holes used by Swifts in 1979 (DM)
- S Dusk flights (roosting) to the west over Airthrey in late autumn (CJH)
- SWP Roost of 4,000 at Keir Ptn. in September-October (WRB)

HOUSE SPARROW

- C 40 near Cambus on 16th August (CJH)
- S 90 at Shieldhill on 9th September (AW)

TREE SPARROW

SWP 4 at Doune on 12th January (WRB). Seems very scarce in Stirling and Clack. Districts (Ed)

CHAFFINCH

- C Winter flocks small, e.g. 50 at Gartmorn on 14th January, 77 round sheep troughs at Alva on 3rd February (CJH)
- S Singing at Airthrey on 11th February (DRW), 170 at Airthrey on 11th February (WRB)
- SWP Singing at L. Ard on 26th and Ashfield on 30th January, 200 at Doune on 15th January and 150 on 22nd December, 100 at W Dullater on 29th February (WRB)

Autumn movement C/S/SWP : small visible migration flights widespread 11th September to 15th October, max. 45 per hour at Cult Hill on 14th September, mainly between SW and S but a few to E over Bridge of Allan (CJH)

BRAMBLING

- C 2 in finch flock on stubble at Alva on 23rd March (CJH)
- S 2 singles in February, 1st of autumn at Pendreich on 28th September, 18 at L. Coulter on 13th December, 10 at North Third Res. on 16th and 10 at Buchlyvie on 21st December (WRB)

GREENFINCH

C 60 in stubble at Alva on 23rd March (CJH)

GOLDFINCH

- C 25 at Muckhart on 14th November (DMB)
- S 60 by Wharry Burn on 9th and 60 on thistles at Pendreich on 19th September (CJH), 8 there on 7th November flew with Fieldfares (ABM). Small numbers through year at Gargunnock (JG)
- SWP Nest found near Dunblane (WRB)

SISKIN

- C 20 at Muckhart on 3rd October (DMB)
- S 30 at Airthrey on 15th April (MWF), 50 in scrub rowans at Ballochleam on 31st August (CJH), 12 in cypresses in Bridge of Allan on 16th November (ABM)
- SWP 2 pairs at peanuts at Dunblane on 29th January (Miss E. Lapthorn). Many in Drummore Wood (L. Ard Forest)

on 31st May (Stirling SOC), 20 in that area on 7th November (PWS), 15 at Glen Finglass on 30th August, 60 at Strathyre on 26th November (WRB)

- LINNET
 - C 100 at Craigrie on 21st September (WRB), 100 at Kennetpans on 21st November (MWF)
 - S 110 at Shieldhall on 30th September (AW)

REDPOLL

- C Several calling near Devon at Tillicoultry on 23rd June, 3 in garden at Alva on 16th August (CJH)
- SWP 10 Callander Crags on 10th January (WRB),(seem scarcer this year Ed)

TWITE

- C 35 at Blackdevonmouth on 27th January, 50 in weeds at Cambus on 2nd February, only 5 there on 22nd March (CJH)
- S Grangemouth area, 75 on 20th January (DT), 43 on 5th February (MWF)
- SWP 50 at Drip Moss on 24th January (MAB) very few inland records in winter (Ed)

CROSSBILL

- S 1 at Airthrey on 11th February, 10 at Polmaise on 27th November (WRB), 13 near Buchlyvie on 30th March (R.G. Caldow), 3 (1 male, 1 juvenile) in oaks in L. Ard Forest on 31st May (Stirling SOC)
- SWP Evidence of breeding at Gartmore and two sites near Aberfoyle (WRB)

BULLFINCH

- C 7 deep in conifer plantations at Forestmill in December (CJH)
- S 20, 12 and 12 at Sauchie Crags on 26th January (E. Barth).
- Frequent around Gargunnock, bred, max. 8 on 7th February (JG) SWP 30 at Callander Crags on 8th January (WRB)

HAWFINCH

S 2 at Bridge of Allan on 2nd May (MAB)

SWP 1 at Dunblane on 16th November (PSA)

- SNOW BUNTING
 - S 20 on stubble at Cambuskenneth on 30th January (GTJ), 80 at Kippen Muir on 12th November (WRB)

YELLOWHAMMER

- C 15 at Gartmorn Dam on 14th January, 23 in stubble at Menstrie on 22nd March (CJH)
- SWP 17 at Doune Ponds on 12th January, 3 pairs bred. Singing in Glen Buckie on 3rd March (WRB)

REED BUNTING

- C 4 singing on Alloa Inch on 7th July, 50 roosting in reeds at Cambus on 22nd November (MWF)
- S 2 pairs bred at Airthrey (MWF). Regular by Forth at Gargunnock (J. Gearing)
- SWP In summer widespread but not numerous Doune-Callander (WRB)

CORN BUNTING

C The 1979 albino seen near Menstrie on 16th August (CJH)

S 3 singing at Skinflats on 28th July (WRB)

SWP Singing at Cambusdrenny on 28th June (WRB)

The following observers are referred to by initials in the report:

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