

SHOREHAM ORNITHOLOGICAL SOCIETY

Twentysecond Annual Report



for the Year 1974

PRICE: THIRTY PENCE

SHOREHAM ORNITHOLOGICAL SOCIETY ANNUAL REPORT 1974

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EDITORIAL NOTES

Another year in which mild winter weather has been followed by a cool spring, and a frustrating summer, has again meant a dearth of the northern birds we might have seen in a really cold spell, and we have looked in vain at both ends of the year for Waxwings and the northern swans and geese, and even Bramblings have been confined to single birds.

However, despite renewed mild wet conditions in November/December which brought the most frost-free winter spell in living memory (and which saw hirundines lingering into December, and Chiffchaff and Blackcap overwintering) an unprecedented number of Rough-legged Buzzards crossed the North Sea, and our area has had its share.

Two "firsts" for the area can also be reported - at any rate a search of past Reports has disclosed no previous records of Shore Lark and Dartford Warbler.

Records submitted have perhaps been somewhat fewer than for some years, and regretfully we have to go to press before some arrive if we are to have any chance of the Report being printed in time for the A.G.M.

An enlarged programme of Field Outings has offered members a good variety of habitats (not to say weather) and we express our gratitude to the leaders; whilst indoors a good programme of lectures has been as usual well attended, and it was a pleasure to welcome back such old friends as Mr. Walter Murray and Mr. Bayliss-Smith.

We are sorry to have to report that failing eyesight and health has obliged Mr. Tom Palmer, at 84, to give up the post of Recorder, which he has held since Mr. Twort retired in 1965, and in voicing the gratitude of the Society for his meticulous record-keeping, the writer would like to add his own thanks for so much help so readily given. As we go to press, Mr. Palmer is in hospital, following a heart attack, and we know that all his many friends in the Society will join in wishing him a speedy recovery. Meantime, Dr. John Newnham has stepped into the breach as acting Recorder, and the A.G.M. will be asked to confirm him in the post. We are already indebted to him for compiling the Sanctuary and Ringing Reports, and for his paper on "Blue Tit Ringing in Sussex 1974" which is perhaps the most important piece of scientific ornithology to appear in these pages.

Our thanks are also once more offered to Mrs. Farmer, Mr. Rampton and Mr. Burstow for their continuing labours on our behalf and to Dr. Stafford for once more sparing the time to chair our meetings.

As indicated in the 1974/5 programme your Council decided to increase the subscription to £1 but to include in it free admission to the Annual Film Show, a net gain to those able to attend, and a saving in administrative cost.

SANCTUARY REPORT FOR 1974

During 1974 the Sanctuary copse was regularly watched, with over 100 visits recorded; this being the highest since the early '60's. A new species was added to the list when a Rough-legged Buzzard was seen over the area during the invasion at the beginning of November.

The year started in much the same way as '73 ended, with prolonged mild weather resulting in one of the mildest winters on record. Strong S.W. winds during this period brought about the downfall of many of the tall willows in the centre of the copse and quite a lot of work was needed to clear and rake this area to give the young willows and reed a chance to grow. Heavy rain was another feature of January and February; this filled the stream, flooded the copse and washed away several of the old timber bridges which later had to be rebuilt or strengthened. The lack of frost or snow meant a paucity of wintering species; Brambling, Fieldfare, duck, Snipe and Jack Snipe were not recorded and Redwing were few until 9th March when 30 were present. The marsh, covered in pools and puddles, was used as a roosting and feeding site for numerous Black-headed and Common gulls, Redshank and Lapwing which, incidentally, were busy displaying in mid-January. In the copse tits were abundant, being attracted to feeders containing peanuts and suet. During the first six weeks of the year 164 Blue Tits were trapped and 53 Great Tits, 21 of which were caught on 24th January. Some 200 Collared Doves roosted in the taller hawthorns and at the beginning of March were joined by a Barbary Dove. Other interesting birds seen in the first two months included a pair of Stonechat, a Kingfisher and Siskins, 2 on the 29th January and a single bird on 4th February, which make the first records of this species at the Sanctuary since 1961.

Spring seemed to appear early, with many reeds and plants growing by the end of February and shrubs and trees in leaf by April; however the migrant birds arrived about the usual time. The first sign of any movement was an increase in Goldcrests on 23rd March and on the same day a male Sparrow-hawk turned up in a mist net. The following day the first Chiffchaff arrived, a fortnight before the first Willow Warbler on 6th April. A small fall over this night produced 9 or more singing Willow Warblers and a few Chiffs on 7th April; this was the largest number of *Phylloscopus* Sp. recorded during the spring. At least 2 Blackcaps were well installed and singing by 20th April and the first Swallow was also seen on the

20th., but the breeding birds did not return until 29th April. Cardueline numbers gradually increased throughout April with several parties of Goldfinches and Linnets visiting the copse; these were joined on 21st April by 2 Redpolls. The first Grass-hopper Warbler was heard reeling on 21st April, Reed and Sedge Warblers were recorded on 4th May, and 2 Lesser Whitethroats were present on 5th May but Swifts and Turtle doves did not arrive until 18th May. On 5th May there was an influx of a different variety to the Sanctuary, as a dozen or more members of the society visited the copse for the annual ringing and mist-netting demonstration.

The breeding season seemed quite successful as juveniles of the resident species were abundant throughout June and July. At least one pair of Blackcap, Lesser Whitethroat, Whitethroat, Carrion Crow and Spotted Flycatcher bred; two or three pairs of Willow and Reed Warbler were successful and the Swallows reared 6 or more broods in the waterworks garage. A Hobby seen over the hillside on 11th July was undoubtedly the most exciting bird of the summer.

Early autumn and summer saw an invasion of a different type of bird, the 'bird-man'. Whenever winds were in the westerly sector several hang-gliding enthusiasts with their hordes of followers and observers congregated on the hilltop to participate in or watch this rather spectacular American sport. Supported by huge multicoloured sails on an aluminium frame men glide to and fro along the hillside, using upcurrents, produced by the hill, to remain airborne. The effects of these enormous contraptions and the crowds of people was unclear; certainly this year there were neither flocks of Corn Buntings feeding nor passage Redstarts or Whinchats on the hillside.

Autumn migration first became evident, as usual, by an increase in the number of Willow Warblers towards the end of July. The first Garden Warbler was present on 6th Aug. and thereafter throughout August with a maximum of 5 on 16th August. A period of settled weather with slight N.E. winds between the 20th and 22nd August produced the peak of passage. Willow Warblers and Lesser Whitethroats were numerous in the withy on the 20th, on the 21st no less than 15 Willow Warblers, 12 Lesser Whitethroats, 3 Blackcaps, 1 Garden Warbler, 2 Sedge Warblers, 3 Reed Warblers and a Pied Flycatcher were trapped, and the following day a Common Buzzard was seen drifting over eastward. The streams were full

throughout the summer and water elsewhere was plentiful so drinking finch numbers were low and the only two wader records were of a Common Sandpiper on 4th August and a Greenshank on 25th August. Blackcaps, traditionally a later migrant, started to move through the copse on 29th August when 7 were present, also that day provided a Stonechat and the only record of a Yellow Wagtail.

September started with a period of frightful weather as gale force winds and torrential rain hit the South coast, however on 10th September at least 5 Chiffchaffs and 3 Sedge Warblers were present. Chiffchaffs continued in moderate numbers during September and well into October with the last presumed passage bird recorded on 9th November. Hirundine movement was very evident throughout the month and large flocks of 300 or more House Martins were present on 29th September and 15th October.

October 1st brought an increase in Goldcrest numbers to 8 and the first autumn Redpoll; Redpolls were present in small numbers, with a max. of 6, for the following six weeks. Thrushes rapidly increased in number throughout the month feeding off the vast crop of haws and berries; some 250 Blackbirds were trapped during October and November, Redwings were common after the first 7 had arrived on 12th October, and Fieldfares in small numbers after the 22nd Oct. Late warblers lingered on with a Reed Warbler on 15th Oct. and a female Blackcap on 19th October. Other unusual birds for the sanctuary were a Grey Wagtail on 12th October and a Tawny Owl which stayed from the 15th October to the end of the year.

The last two months of the year proved quite interesting especially with the occurrence of the Rough-legged Buzzard. During November heavy rain once again flooded the Sanctuary giving an ideal habitat for a Water Rail, which arrived on 12th November, a Kingfisher, which was present between the 19th and 23rd November, and 3 Mute Swans. The copse provided roosting cover for a small number of Greenfinches, Tree Sparrows and 250 Collared Doves but the old Blackbird roost finally moved out to another nearby dense area of hawthorn. A brilliantly-coloured male Firecrest was seen actively feeding on 24th November and a rather drab female bird was trapped and ringed on 14th December. In the flooded fields up to 60 Lapwing, 25 Redshank and the occasional Snipe fed whilst on the hill 50 Redwing and 8 Fieldfare were still present in mid December. On the last day of the year a wintering Chiffchaff was caught.

Finally I would like to thank Mr. Santa and staff of the water-works for their kind co-operation and those members who have supplied records from the sanctuary.

J.A.N.

Ringling Report for 1974

1974 was a better than average year for ringling with a total of 2217 birds ringed of 55 different species, 2143 were ringed as full grown birds and 74 as puuli. Dr. John Newnham accounted for 1534 mainly at the society's sanctuary; Dr. Barrie Watson, often ably assisted by Miss Catrina Tyson, totalled 463 and in Steyning, Philip and Brian Clay ringed 220 birds. The following is a table showing the species ringed:-

Shelduck.....1	Sand Martin.....5	Whinchat.....1
Sparrow Hk....1	Carrion Crow.....2	Robin.....74
Snipe.....1	Great Tit.....105	Reed Warbler....98
Dunlin.....22	Blue Tit.....289	Sedge Warbler...63
Bl.H.Gull....1	Coal Tit.....2	Whitethroat.....5
Wood Pigeon...8	Willow Tit.....3	Lr.Whitethroat..41
Turtle Dove...1	Long Tailed Tit..18	Blackcap.....47
Collared D...22	Tree Creeper.....1	Garden Warbler..17
Tawny Owl....1	Wren.....95	Willow.....103
Kingfisher...1	Mistle Thrush....3	Chiffchaff.....46
G.S.Woodpecker..1	Song Thrush.....75	Goldcrest.....25
Skylark.....1	Redwing.....8	Firecrest.....1
Swallow.....170	Blackbird.....285	Spotted Fly.....7
House Martin.28	Stonechat.....2	Pied Fly.....1
	Dunnoek.....92	
	Yellow Wagtail....1	
	Starling.....29	
	Greenfinch.....221	
	Goldfinch.....65	
	Linnet.....21	
	Redpoll.....2	
	Bullfinch.....54	
	Chaffinch.....32	
	Yellow Hammer....28	
	Corn Bunting.....8	
	Reed Bunting.....75	
	House Sparrow.....1	

As usual well over a third of the total has been scored by the three common species, Blackbird, Blue Tit and Greenfinch. The numbers of reed bed species like Reed and Sedge Warbler, and Reed Bunting have greatly increased owing to Dr.Barrie Watson's activity in a dry reed patch near the airport. Once again the local Swallow roost, this year in a ditch by the Toll bridge,

was successfully netted and interesting results are beginning to accumulate. Probable first birds for the area are a Shelduck which blundered into a mist net in January and the Sparrow Hawk, a first year male, at the Sanctuary.

Recoveries and controls

Three foreign movements were recorded during 1974.

1. CHAFFINCH. ringed adult female 20.1.74 Steyning
25.7.74 Skarrild (Jylland)
Denmark. Killed by car.

Winter ringed Chaffinches are not uncommonly reported from northern European countries during the summer, showing that this species moves S.W. for winter.

2. STARLING. ringed full grown 1.11.72 Kalmthout (Antwerpen)
Belgium.
- 1.74 Worthing (Killed by cat.
This too is not a particularly unusual recovery.

3. BLACK HEADED GULL. ringed 2nd yr. 11.3.73. Turnhout (Antwerpen)
Belgium
14.5.74 Shoreham Toll Bridge
Found Dead.

This species heads the list for numbers of foreign ringed birds found later in Britain.

There were a whole host of recoveries and controls within Britain, many local and some involving considerable movement, only the more interesting ones are shown here. There were no less than five interesting swallow movements resulting from ringing the roosting birds.

- | | | | |
|---------|-------------|---------|--|
| SWALLOW | ringed juv. | 8.9.73 | Shoreham roost |
| | control | 11.9.73 | Christchurch, Hants (roost) 105km W. (not reported 'til '74) |
| SWALLOW | ringed juv. | 20.8.71 | Farlington, Hants. |
| | controlled | 11.9.73 | Shoreham (roost) |
| | .. | 29.6.74 | Shoreham (male of a local breeding pair) |
| SWALLOW | ringed juv. | 11.9.73 | Shoreham (roost) |
| | controlled | 25.8.74 | Knaresborough, Yorks. (roost)
365Km N. |

SWALLOW ringed juv. 20.9.74 Stanley, Wakefield, Yorks.
controlled 30.9.74 Shoreham (roost) 330 km. S.S.E.

SWALLOW ringed juv. 19.8.73 Branston, Burton-on-Trent, Staffs.
controlled 30.9.74 Shoreham (roost) 230 km. S.S.E.

The first and fourth swallow reported give some idea of the speed and direction of migration. Did the second bird originate in Shoreham or Hampshire?

REED WARBLER ringed 10.8.74 Wicken Fen, Cambs. weight 11.7g.
controlled 28.8.74 Steyning 160 km. S.S.W. Weight 15.0g.
As well as a move south this bird has put on 3.3g somewhere.

BLUE TIT ringed juv. 2.10.73 Litlington
controlled 19.1.74 Shoreham 30 km. W.

BLUE TIT ringed juv. 26.9.73 Beachy Head
controlled 24.1.74 Shoreham 38 km. W NW.

GREAT TIT ringed juv F. 27.9.73 Beachy Head
controlled 29.1.74 Shoreham 38 km. W NW.

It is extremely unusual for tits to move more than about 10 km. It is even more strange that three tits should arrive from the east during a period of very strong west winds within ten days of each other.

Once again this year many birds were trapped several years after ringing, supplying valuable information on the length of bird lives. As each bird is measured and weighed each time it is trapped it has been possible with the more common species to analyse how our local birds change in size and weight throughout the year.

J.A.N.

NOTABLE BIRDS OF THE AREA 1974

This feature is based upon the reports sent in by the following:- Mrs. Carey, Mrs. E. Farmer, Mrs. B. Reeve, Messrs. P.J. Clay, E. Cooper, M. Davies-Scourfield, J.C. Evans, B.J. Forbes, C.F. Helyer, R. Ives, R.S. Kelly, C.E. Messer, O. Mitchell, Dr. J.A. Newnham, R. Owens, F. Severs, B.J. Short, Dr. J. Stafford, Dr. A.B. Watson.

Abbreviations:- ad.adult; m.male; f.female; imm. immature;
 Br. Brooklands; C.C. Cuckoos corner; C.H. Coney Hill; F.A. Flood
 Arch; F.B. footbridge; E.W.B. East Worthing Beach; Harb. Shoreham
 harbour; O.S.R. Old Steyning Railway; Sanct. Sanctuary; S.P. Sussex
 Pad; Sh.R.D. Shoreham rubbish dump; W.R.D. Worthing rubbish dump;
 W.W. Widewater.

- DIVER Sp. 3 flying east Ferring Apr.28.
- 9.LITTLE GREBE 1 or 2 Adur, F.A., T.B., and Harb. during Jan.;
 1 W.W. Dec.29.
- 26.FULMAR 2 W.W. Apr.26.; 1 flying west Lancing May 29.;
 1 Roedean Cliffs June 10.; 1 flying west W.W.
 Aug.20.
- 27.GANNET 1 offshore E.W.B. May 12.; 2 offshore W.W.
 Sept.1.
- 28.CORMORANT 7 Adur.Jan.7.; 13 Harb.Feb.14.; 36 on Harb.
 pylon.Apr.22., 20 there Apr.23 & 25 May 1.
- 30.HERON 1 over Buckingham Park,Mar.12.; 4 S.P.Mar.21.;
 2 high over Downs June 8.; 7 nests occupied
 Wickham Woods.
- 45.MALLARD 60 Adur.Jan.9.; pair with 2 young W.R.D.May 11.
 6m. and 6f. S.P. May 18.; 20 dur Sept.6.;
 100 Airport Dec.24.
- 46.TEAL 400 Adur.Jan.9.; 4 there Sept.6.; 20 Airport
 Dec.24.
- 50.WIGEON 16 Adur. Jan.9.
- 53.SHOVELER 1 W.W. May 4.
- 55.SCAUP 1 Shm. Feb.17.
- 56.TUFTED DUCK 14 Wiston Pond Mar.9.
- 60.GOLDENEYE 1m. Adur. rail bridge.
- 62.VELVET SCOTER 1 flying east Ferring, Jan.1.
- 64.COMMON SCOTER 41 offshore Ferring flying east Apr.28.;
 240 flying east W.W. May 3.; 2 Lancing Beach
 Aug.11.

67. EIDER 1m. Harb. Jan-Mar.; 1m. offshore Southwick 24 Apr. to June 11.; 7 offshore E.W.B. May 12.; 1m. Harb. almost full male plumage Aug. 26.
69. RED BREASTED MERGANSER 25 offshore Ferring Jan. 14.; 3 Br. Jan. 14. Up to 5 in the Harb. and W.W. area until March. 29 Ferring Mar. 29, 5 there Apr. 18.; 1 Harb. Dec.
73. SHELDUCK 1 Adur Jan-Mar. 1 Airport May 27 chased by gull.
- GOOSE Sp. 2 flying north E.W.B. May 12.
80. BRENT GOOSE 55 flying east Hove Beach Feb. 16.; 35 flying east over Portslade at night Apr. 26.; 5 going east W.W. May 4.; 100 flying east E.W.B. Oct. 6. 3 W.W. Dec. 15.
82. CANADA GOOSE 5 Wiston Pond Mar. 9.; 6 there July 14.
91. BUZZARD 1 Findon May.; 1 Downs Aug. 26, Sept. 17-18, and Oct. 12.; 1 Sanct. Aug. 22.
92. ROUGH-LEGGED BUZZARD up to 3 Downs on 5 dates until March. a max. of 4 seen there on 12 dates from Oct. 26 to the end of the year. 1 C.H. Oct. 30.; 1 Sanct. Nov. 4.
93. SPARROW HAWK 1 or 2 Downs on 5 dates in Feb., Apr., May, and Aug.; 1m. Sanct. Mar. 23 up to 3 on 17 dates Downs Sept.-Dec.; 1 Mile Oak Nov. 18.
99. MARSH HARRIER 1 imm.f. Downs Aug. 18-Sept. 8 on 4 dates.
100. HEN HARRIER On 13 dates between Jan. 10 and Apr. 26 Downs, max 3 imm., 1m. present.; 1m. there Oct. 10 and thereafter up to 2 ringtails seen on 19 dates.
102. MONTAGU'S HARRIER 1m. Adur May 9.;
103. OSPREY 1 Downs Sept. 14 (B.J.F.)
104. HOBBY 1 E.W.B. May 12.; several sightings Downs from May 19 usually single birds but 2 seen Sept. 15, 17 and 18.
107. MERLIN 1 Downs Mar. 1 (per B.J.F.) 1f. there Sept. 14.
110. KESTREL reports of 1 or 2 birds from many localities.; 10 Downs Aug. 30 and 12 there Sept. 12.
116. PARTRIDGE Flock of 40 Downs Aug. 27

117. QUAIL 1 Steep Down June 25.; 1 Downs east of Adur June 30.; 2 Downs July 21.
120. WATER RAIL 10 Strivens reed bed Jan.20.; 1 Sanct.Nov.5-Dec.
127. COOT up to 9 F.B. Jan-Mar.
131. OYSTER CATCHER 29 Ferring Dec.18.; 2 Lancing beach Dec.29.
133. LAPWING 1000 Adur Jan.9.; 3000 on flooded Airport Feb.9 and 1000 there Dec.24.; 400 Downs Mar.12.
134. RINGED PLOVER 100 Adur Jan.24, 80 there Aug.8, 120 Aug.15 and 60 Aug.19.; up to 6 on six dates in Apr.-May Southwick beach.; 112 Ferring Dec.12.
139. GREY PLOVER 1 Adur Aug.13-15.; 8 Adur Dec.15.; 54 Ferring Dec.8.; 2 W.W.Sept.28
140. GOLDEN PLOVER 100 Adur Jan.9.; max 10 Downs on 4 dates in Sept. & Oct. 10 Mill Hill Patcham. Sept.25.
143. TURNSTONE 1 or 2 W.W. May 3-4.; 1 Harb.Aug.10.; 1 Adur Sept. 12.; 5 Ferring Dec.8.
145. SNIBE 2 Sanct.Jan.7.; 250 Adur Jan.9.; up to 9 birds S.P. Jan.-Mar.; 1 dew pond on the downs Aug.8.; 3 Strivens reed bed Sept.6 and 70 wintering there.; 1 C.H. Oct.11.; 30 Airport Dec.24.
147. JACK SNIBE 1 S.P. Jan.3.; 1 there Apr.11.; 1 Adur Dec.24.
148. WOODCOCK Several birds flushed during shoots in Feb. on the Downs.; 2 ad. and 2 juv. there July 30 and 3 birds there Sept.18.
150. CURLEW 5 Southwick beach Apr.29.; 1 T.B. May 14.; 1 Southwick Hill July 21.
151. WHIMBREL 1 flying east Lancing beach Apr.27.; 13 also going east W.W. May 3-4.; max of 4 on 6 dates in May Adur.; max.3 between F.A. and C.C. on several dates 29 July - Aug 30.
154. BLACK-TAILED GODWIT 1 flying overhead calling Downs Aug.19.
155. BAR-TAILED GODWIT good easterly spring passage recorded by several observers. 33 W.W. Apr.26.; 70 in 1.5hrs. Southwick and 205 Lancing beach Apr.27.; 181 Ferring Apr.28.; & 48 W.W. May 3-4.; 1 Adur July 30 & Aug.15-20.

156. GREEN SANDPIPER 3 Adur levels Sept.6.
159. COMMON SANDPIPER 2 flying east Lancing Apr.27.; several sightings Adur with spring max. 13 T.B. May 29.; 20 between Bines Bridge and T.B. July 30th.; 16 New Salts Farm Aug.7.; 8 there Aug.20.; 12 Adur Sept.12.
161. REDSHANK c 200 Airport Jan.13.; 150 New Salts Farm July 10 and 100 there Aug.8. 70 Adur Aug.31, 155 there Dec.15.; 25 sanc.Nov.26.; 22 Ferring Dec.8.
165. GREENSHANK single birds on 3 dates in Aug. New Salts Farm.; 1 C.C. Aug.23. 1 Sanct Aug.25.; 1 Adur Sept.1 and 1 there Sept.6.
169. KNOT 1 F.B. Jan.3.; 1 Adur Feb.5 and 5 there Sept.12.; 1 Harb. Jan.23.; 2 W.W. May 3.
170. PURPLE SANDPIPER 15 Ferring Dec.8.
178. DUHLIN up to 700 Adur mud flats Jan.-Mar.; 15 T.B. Aug.19.; 380 Ferring Dec.8.; 3-400 Adur Dec.
179. CURLEW SANDPIPER 1 Adur Aug.8.
181. SANDERLING 50 Ferring Apr.28.
184. RUFF 1 Airport Dec.24.
193. ARCTIC SKUA max. 5 E.W.B. May 12-16.
198. GREAT BLACK-BACKED GULL 300 Adur. Jan & Dec. 80 there Aug.31.
199. LESSER BLACKBACKED GULL up to 3 Adur Jan.& Feb. 1 F.A. Dec.30.
201. COMMON GULL 200 sanct. Feb.24.
202. GLAUCOUS GULL 1 imm.Harb.Jan.1 - Mar.19.; ad.Hove Beach until Feb.16 and recorded again after Oct.4.
207. LITTLE GULL 2 flying east W.W.May 3.; 1 imm.Mill Hill Patcham Sept.25.; 1 imm.Adur T.B. Sept.29.
208. BLACK-HEADED GULL 2-3000 Adur Jan. & Feb.; 30-40,000 flooded airport Feb.9.
211. KITTIWAKE 7 offshore Lancing June 8.; 6 there July 17.

- GULL Sp. 1 white winged gull, species uncertain, seen with Gl.gull Hove beach Jan.19.
- 212.BLACK TERN 39 seen offshore May 3-4; 1 E.W.B. Aug.17.; 2 Br. Sept.19 & 29.
- 217.COMMON/ARCTIC TERN 7, 4 definite arctic, east W.W. Apr.26.; 28 flying east Ferring Apr.28.; 30 Harb.and 170 east W.W. May 3.; 18 off Lancing beach June 8.; 10 T.B. Sept.9.; 60 Harb.Sept.13.
- 222.LITTLE TERN. 5 Southwick beach Apr.23.; 19 Ferring Apr.28.; 3 W.W. Apr.26-28. and 31 passing east there May 4.; 30 E.W.B. May 16.; up to 2 on several dates in May Adur, 5 Adur July 27.; 3 Lancing beach Aug.11.
- 223.SANDWICH TERN. 2 E.W.B. Mar.17.; c 250 recorded from various coastal localities passing east between Apr.6-May 6 with daily max of 38 Ferring Apr.18, and 43 W.W. May 4. Fewer autumn records, 12 west W.W. Aug.2.; 5 Lancing beach Aug.11.; 4 E.W.B.Sept.17.
- 224.RAZORBILL. 1 dead Lancing Feb.12.; 1 swimming offshore Lancing Apr.26.; 1 E.W.B. Oct. 6.
- 227.GUILLENOT. 1 Harb.Jan.28.; 1 dead Lancing beach Dec.26.
- 232.STOCK DOVE. Nesting Great Wood Brighton; 25 C.H.May 24.; 15 Cissbury June 17.; 60 Downs Oct.1 and 300 there Oct.11.
- 235.TURTLE DOVE. First recorded Oreham Common and Sanct.May 5.; 1 or 2 recorded C.H., D.D.Great Wood and Downs throughout the summer.
- COLLARED DOVE. 200 Mossy Bottom granary Feb.21.; up to 250 sanct. roost during the winter (occasional Barbary Dove as well).; pair sitting on 2 eggs over Christmas Lancing.
- 237.CUCKOO. 2 Downs Apr.12.; 1 flying in E.W.B. Apr.25.; thereafter several records from 7 downland localities involving single birds.; 4 D.D. during May. 1 Downs Sept.3 is only record after June.

241. BARN OWL. 1 D.D. June 16.; 1 Oreham Common Dec.27.
246. LITTLE OWL. 1 Downs Mar.30, Apr.12, and Dec.9.; 2 there Aug.20.; 1 Mile Oak Nov.
247. TAWNY OWL. 1 or 2 Coldean up to June.; 1 found dead in water tank Downs May 2, 2 Downs and 2 Stump Bottom Aug.20.; 1 pair calling Portslade July.
1 roosting sanct. Oct.12 to Dec.
249. SHORT EARED OWL. 1 Downs Mar. (per C.E.M.).; up to 5 seen on 24 dates Downs between Oct.10 and Dec.30.
1 airport Oct.1.
252. NIGHTJAR. 1 Downs churring July 7.
255. SWIFT. 2 Mile Oak May 7.; 1 Adur and Shoreham May 9.;
14 Sanct. May 18.; 60 Coldean June 4.; 1 Downs Sept.17.
258. KINGFISHER. 2 F.A. Jan.3.; 1 or 2 New Salts Farm during Aug.;
3 Adur Sept.12.; 1 Sanct.Sept.12 & Nov.19.;
1 W.W. Nov.7.; 1 S.P. Dec.24.
262. GREEN WOODPECKER. 1 Great Wood Jan.11.; 1 Downs May 2 and on 10 dates from Sept.3 until Dec.; 1 C.H.Aug.20-Sept.19.
263. GREAT SPOTTED WOODPECKER. 1 or 2 all year Strivens reed bed.;
1 calling Great Wood during May.; a pair during spring Lancing College.; 1 Findon Park July 14.; 1 Lancing Manor Aug.1.; 1 Downs Sept.17.
264. LESSER SPOTTED WOODPECKER. Garden at Hassocks July 9.;
1 Chanctonbury Mar.31.
273. SHORE LARK. 1 seen on several dates by many members F.B.
Jan.1 - Feb.4.
274. SWALLOW. 1 Lancing Clump Apr.10.; 1 Downs Apr.11.;
Airport roost max.500 Sept.9.; 200 East Hove Sept.14.; & 4 Annington Brooks Nov.8.
276. HOUSE MARTIN. 1 Airport Apr.28.; 1 D.D. May 7.; 12 Coldean May 12.; 300 Sanct.Sept.29 & Oct.15.; 40 Sompting Nov.3.; 1 over Lancing garden Dec.15.

277. SAND MARTIN. 4 Downs July 4.; Some in hirundine roost during Sept.
280. CARRION CROW. Nested Buckingham Road and Sanct.also Westdene.
282. ROOK. Rookeries Great Wood - 23, Patcham Place - 102, Swiss Cottage - 3, Buckingham Park - 25, Cement Works - 57.
284. MAGPIE. up to 4 Sanct. all year; 8 D.D.May 7.; 18 together Mile Oak Dec.29.
286. JAY. a pair Great Wood.; 2 Patcham Downs July 2.
289. BLUE TIT. 164 handled during first 6 weeks of year, Sanct.
292. MARSH TIT. 1 C.H. Feb.14.
293. WILLOW TIT. 2 - 4 all year Strivens reed bed.; a pair with young D.D. June 7.; 1 C.H. Feb.12 and during the summer.
294. LONG-TAILED TIT. 3 - 4 C.H. Feb.6.; 5 Shoreham Garden Oct.17.; up to 8 Sanct. from Oct. onwards.
296. NUTHATCH. 1 Chanctonbury May 2.; 1 Great Wood May 24.; 1 C.H. Aug.2.
298. TREE CREEPER. 2 Great Wood Apr.17.
299. WREN. Abundant Sanct. especially during Oct.
301. MISTLE THRUSH. pair feeding young Shoreham Apr.6.
302. FIELDFARE. 400 Adur levels Jan.9.; few records of up to 4 in various localities until Apr.28.; max.600 Downs on 6 dates between Oct.11 and Nov.29.; 8 Sanct. Oct.22.; 800 Mile Oak Nov.18.
304. REDWING. 30 Sanct.Mar.9.; 3 there Mar.24.; 1 Adur.Apr.27.; 4 dates between Oct.10 & Nov.20 Downs with a max. 400 20 Nov.; 50 Sanct. Dec.3.
307. RING OUZEL. 1 garden Shoreham beach (per F.S.).; 1 Downs Sept.14.; 1 W.R.D. Sept.29.
311. WHEATEAR. 1 Herb.Mar.25.; 1 Chanctonbury Mar.31.; no further records until Apr.26 when several records of single birds in several localities.; during Aug. Downs, airport, New Salts Farm with a max. of 35 in

311. WHEATEAR (Contd.) 1 day.; max. 6 July-Sept. Hove.; 1 - 5 C.H. Aug. 2 - Sept. 3.; 20 Downs Sept. 15 - 17 and 2 there Oct. 3 and 10.
317. STONECHAT. many reports of 1 or 2 birds from many wintering haunts.; 1 f. feeding young Downs June 6.; 1 Downs and 1 Sanct. Aug. 28.; several records from Downs during Sept. and Oct. with 14 on Sept. 24, 20 on Oct. 1 and 13 on Oct. 21.
318. WHINCHAT. a pair Adur May 12.; good autumn passage recorded from Downs with 2 Aug. 1, 6 on Aug. 27, 12 on Aug. 31, 30 present on Sept. 3 and 14, rising to 75 on Sept. 17. The last recorded was Oct. 3.
320. REDSTART. 1m. Lancing College Apr. 27-28.; 1m. W.R.D. May 11.; single birds between Aug. 18 & Oct. 3 from 5 localities on 9 dates.
321. BLACK REDSTART. 1f. C.H. Mar. 20.; 2 Harb. Mar. 25.; 1 Downs Apr. 12.; 1 or 2 Downs Nov. 2 - 3, Dec. 1 and 5.; up to 2 Harb. Dec.; 1 W.W. Dec. 15.; 1 E.W.B. Dec. 26.
322. NIGHTINGALE. 1 singing Mile Oak Apr. 23.; 1 Saddlescombe and 1 Park Wood May 26.; 1 Steyning and High Salvington during May.
327. GRASSHOPPER WARBLER. 2 singing D.D. 16 - 17 Apr.; 1 there Apr. 23.; 1 Sanct. Apr. 21, May 5 and 18.; 1 Downs June 17 and Aug. 19.; 1 singing Airport Aug. 2.
333. REED WARBLER. 1 Ladywells May 1.; 4 - 5 birds singing Airport 2.30 a.m. May 26.; Airport colony thriving.; 3 pairs Sanct. 1 there Oct. 15.
337. SEDGE WARBLER. 2 Adur May 18.; 3 there Aug. 7.; frequently at Sanct. with 3 there Sept. 10.; several singing males Airport during summer.
343. BLACKCAP. 2 Sanct. Apr. 24, bred there and common until last f. Oct. 19.; up to 3 Great Wood May.; at least 1 present throughout summer C.H.; 1 Southwick Hill Oct. 2.
346. GARDEN WARBLER. 1 D.D. May 7.; 2 O.S.R. May 18.; 1 or 2 C.H. May-Sept.; at least 5 Sanct. Aug. 16.; 3 Downs Aug. 30.

347. COMMON WHITETHROAT. 1 Downs Apr.20, 3 there May 2.; 6 D.D.May 7 with many pairs nesting later.; 10 Southwick Hill Aug.10.
348. LESSER WHITETHROAT. 1 or 2 C.H.May 4 - Oct.2.; 2 Sanct.May 5, 12 there Aug.21.; max.6 D.D.May 7.; recorded on Downs several dates until Sept.22 with max.5 on Sept.1.
352. DARTFORD WARBLER. 1 Steyning Round Hill Mar.31.(B.J.S. & C.F.H.)
354. WILLOW WARBLER. 1 Sanct.Apr.6, 8 singing there Apr.7,numerous there end of Aug.; numerous D.D. Apr.8.; 1 singing Downs Apr.11.
356. CHIFFCHAFF. 1 Lancing Manor garden Feb.18.; 1 Shoreham beach Mar.3.; 1 Sanct.Mar.19, 1 Mar.24 and frequently in Apr. Max.6 most days in Sept.& Oct. Sanct., 1 there Nov.9 & Dec.31.; 1 C.H. Dec.5,27 & 29.
357. WOOD WARBLER. 2 C.H. Apr.27, 1 there May 9 & Aug.6.; 1 singing Great Wood May 26.
364. GOLDCREST. 2 Great Wood May 26.; 6 Sanct.during Oct.present in smaller no. for rest of year.C.H.all year.
365. FIRECREST. 1m.Sanct. Nov.24, 1f.Dec.14.; 1 C.H.Dec.27 & 29.
366. SPOTTED FLYCATCHER. 1 Adur.May 12.; 2 Great Wood May 24 and 6 there June 4.; 2 Downs June 17 and 6 there 19 - 20 Aug.; 1 Hove Aug.17.; up to 3 Sanct.throughout Aug.
368. PIED FLYCATCHER. 1 Sanct.Aug.21.; 2 Shoreham garden Sept.1.; 1 Worthing garden Sept.8.; 1 Lancing garden Sept. 9 - 10.
373. MEADOW PIPIT. c100 C.H. Sept.24.
376. TREE PIPIT. 1 Downs Apr.20, 3 there May 2.; 2 D.D.displaying May and 2 there Aug.15.; 1 Shaves Wood May 12.
379. ROCK PIPIT. 1 or 2 Houseboats and W.W.during Jan.& Feb.
381. GREY WAGTAIL. a pair Wiston Pond Mar.24.; 2 Blackstone May 5.; 1 Sanct.Oct.12 and several days in Dec.
382. YELLOW WAGTAIL. 3 Downs Apr.26, 20 there Sept.1, 15 Sept.5 & 17.; 1 or 2 Shoreham Aug.30 - Sept.2.; few airport through Sept.

- 384.GREAT GREY SHRIKE. 1 Downs Oct.27 (per R.Sandison).
- 389.STARLING. 20 - 30,000 pre-roosting Downs Nov.3 - 11.
- 391.HAWFINCH. 1 garden Hassocks Aug.7.
- 392.GREENFINCH. 300 Downs Oct.1 and 800 there Oct.11.
- 393.GOLDFINCH. 100 Adur Sept.12
- 394.SISKIN. 2 Sanct.Jan.29 and 1 there Feb.4.
- 395.LINNET. Large flocks during the winter months Downs feeding on mustard and Kale. 200 Southwick Hill Aug.10.; 200 Adur Sept.12.; 600 Downs Oct.1 and 800 there Oct.11.
- 396.TWITE. during Jan. and Feb.variable numbers F.B.max. 60 Feb.7.; 30 C.C. Jan.3 and 12 there beg. of Feb. 6 Harb. Jan.19.
- 397.REDPOLL. 1 Strivens reed bed Jan.20.; 2 Sanct.Apr.21.; up to 6 there throughout Oct.Nov.& into Dec. 2 - 3 C.H. Oct.11.; 3 east over Bevendean Oct.1.
- 401.BULLFINCH. 6 Great Wood Jan.4.; far fewer during aut. Sanct. this year.
- 408.BRAMBLING. 1 Downs Jan.28, Feb.9 & 19.; 1m.C.H.Mar.30.
- 410.CORN BUNTING. 20 Mossy Bottom Feb.14.; 8 Downs Mar.12 .; up to 60 Sanct.Aug.& Sept.; 100 Mile Oak Dec.29.
- 415.CIRL BUNTING. 2m. and 1f. Hoe Court Mar.25 and 1m. there Mar.27.; 2m. singing Hoe Court June 6.
- 421.REED BUNTING. up to 6 Downs with finch flocks during the winter.; 1 or 2 F.B. Feb.; 3 pairs C.C. May 14.; small roost Airport.
- 423.SNOW BUNTING. 1 possible male with other finches Downs Nov. 24.(B.J.S.)
- 425.TREE SPARROW. up to 100 Downs during winter.; several hundred in roost Great Wood, 1 - 10 C.H. Jan.- Apr.; 6 Wyckham Wood May 8.; pair carrying food Mile Oak June.; 150 Downs Oct.14.

BIRDS AROUND SHOREHAM 1974

Severe winter weather fortunately avoided us once again in 1974 with a consequent dearth of cold weather movements and unusual species pushed to our area by encroaching ice and snow. There were very few records of grebes and divers at sea or geese on the brooks although the selection and number of ducks was as usual. The mild weather has, however, helped to keep the numbers of some of our resident smaller species, like the Long-tailed Tit, Goldcrest and Wren, well up and perhaps even been responsible for the good number of wintering Chiffchaff and Firecrests.

Once again the South Down's pathways and bridleways between Chantry Hill and Devil's Dyke have been well worn by many members and visitors to our area in the hope of catching a view of a Hen Harrier, Rough-legged Buzzard or Short-eared Owl. Messrs. B.J. & F.J. Forbes, C.E. Messer and O. Mitchell have submitted, as usual, immaculate descriptions and concise records from the downs of these majestic birds of prey but, just as important, they have recorded meticulously the numbers of migrant chats and thrushes passing through this habitat.

For the fourth year running the adult Glaucous Gull returned to Hove beach and was joined for a short period by a strange white winged gull whose identity foxed several meritorious ornithologists. An immature Glaucous Gull at the Harbour over the same period provided a good contrast and comparison.

A Shorelark paraded itself for over a month by the footbridge and delighted many members with excellent views. The second new species for the area, incidentally also found by Messrs. B.J. Short and C.F. Helyer, was a Dartford Warbler seen on the Steyning Round Hill at the end of March.

Once again members have kept a high standard of order and legibility with their records and I would like to thank those members who have so promptly supplied these records.

IN SEARCH OF THE LAMMERGEIER

In June last year Malcolm MacDonald and I, both ornithologists with a particular interest in birds of prey, set off on a trip to the Spanish Pyrenees to search for the elusive Lammergeier.

The Lammergeier is often called the Bearded Vulture, and is thought to be a link between the true vultures and the eagles. It

is certainly one of the largest raptors in Europe, with a wing span of about nine feet. This rare bird is now confined to only a few areas in Europe and the Pyrenees are one of its last strongholds.

On the 21st June we arrived in Spain by car ferry at the port of Bilbao, a hot sticky heavily industrialised town that we were glad to see the back of. On leaving Bilbao we drove eastwards towards the Pyrenees, and it wasn't long before the raptors started to appear. Kites could be seen everywhere, scavenging along the road sides, indeed, Red Kites outnumbered the more common Black Kite by at least three to one. As we were driving towards a small village, I noticed a large flock of birds circling over what must have been the local rubbish tip. On further investigation we found that the flock contained no less than sixty Red Kites with a few Black Kites intermingled, half a dozen Egyptian Vultures and about thirty Ravens - it was an unbelievable sight, and only a few yards from a busy main road. By the afternoon we were nearing the Pyrenees and the birds seen along the road-side now included Griffon Vultures, Golden Eagle, Rock Bunting, Ortolan Bunting, Citril Finches, Hoopoes and Bee-eaters, to mention but a few. We soon reached the Pyrenees and the famous Ordesa National Park, this and other surrounding places was to be the general area for our search for the Lammergeier.

As the days went by we added more and more birds to our list, Short-toed Eagle, Goshawk, Chough, Alpine Chough, Rock Sparrow, the list went on and on, but no Lammergeier. We searched day after day but to no avail, and I was beginning to wonder if we were ever going to see this elusive bird. Our time table was starting to run short, so one day reluctantly we decided to pack up and move further south to see what else we could find. We had only been travelling for about half an hour when I noticed a large raptor quartering a hill side not far away. We drew into the side of the road and jumped out of the car. There coming straight towards us was an adult Lammergeier. It appeared to be more like a gigantic falcon than a vulture, with its wedge-shaped tail and long curved wings. It was truly magnificent. The great bird circled above us. Then suddenly from nowhere a Raven and a pale-phase Booted Eagle appeared and started to mob the Lammergeier. The huge Lammergeier dwarfed both birds - we could hardly believe our eyes. Every detail of the Lammergeier's plumage could be seen, and while all this was going on, we saw on the opposite hillside a Bonellis Eagle circling with two Griffons.

After such an incredible experience I can honestly say that to anyone who is interested in birds of prey as I am, the Spanish Pyrenees are a "must".

C.E.M.

SHORT-EARED OWLS AT STEYNING

On 8th November, I was driving back to Steyning via the Downs, when a large bird of prey flew across the road from the Round Hill. It settled on a fence post, too far to be identified without binoculars. On 12th November, I again saw the bird, and with binoculars could see that it was an owl of a kind unknown to me. It took off from the fence post on which it had perched, and I watched its beautiful, rolling flight, and noted the tan colour on the wing surface. On 26th November, I obtained an excellent sighting and identified it as a Short-eared Owl. As it quartered the ground, I could see the dark carpal patches on the underside, and, as it flew towards me, the very round face.

On 3rd December, there were two owls on the Round Hill. They appeared to be harassing one another, and were making harsh, scolding noises. After several minutes they flew off in opposite directions.

Since then, I have seen one or both owls on many occasions. They usually fly out of the same bushes when I walk past between 9 and 10 a.m. gliding down towards Sopers Bottom. Several times I have come upon one owl perched on a fence post, and (from about 50 yards) have been able to see well the yellow eyes and short ear tufts; on one occasion it was preening its feathers and stretching out a wing. The pair have given me some splendid displays of flying, alighting on ground or post and taking off again; their wing-span makes them appear much larger birds when flying. On the ground they are difficult to see. One morning, when I walked up the hill with my dog, an owl sailed over the brow, "banked" on seeing us, then flew quite low over us, checking its flight, almost threateningly (or curiously?). Twice (at weekends) I have seen one of the owls, apparently unconcerned, flying over the many parked cars, walkers and hang-gliders.

Four times I have seen a pair of Short-eared Owls on the East side of Steep Down, and wondered whether they could be a second pair, as, on one occasion, I saw them shortly after passing (in the car) one owl perched on a post on the Round Hill. It was quite

possible for it to have taken off just after I had passed, arriving at Steep Down before me, but if so rather a coincidence.

At the time of writing (6th February), I have watched the Round Hill owls almost every day since December. They are delightful, and have "made" my Winter.

M.D-S.

ARRIVAL AND DEPARTURE OF MIGRANTS FOR 1974

This feature has been compiled by records sent in by members; abbreviations the same as in Notable Birds of the Area.

Whimbrel	27.4.74	Lancing Beach	30.8.74	C.C.
Common Sandpiper	27.4.74	"	12.9.74	Adur.
Common/Arctic tern	26.4.74	W.W.	13.9.74	Harbour
Little Tern	26.4.74	"	21.8.74	W.W.
Sandwich Tern	17.3.74	E.W.B.	17.9.74	E.W.B.
Turtle Dove	5.5.74	Sanct. Westdene	24.9.74	C.H.
Cuckoo	12.4.74	Downs	3.9.74	Downs
Swift	7.5.74	Mile Oak	17.9.74	"
Swallow	10.4.74	Lancing clump	8.11.74	Annington B.
House Martin	28.4.74	Airport	15.12.74	Lancing
Wheatear	25.3.74	Harbour	10.10.74	Downs
Whinchat	12.5.74	Adur	3.10.74	"
Redstart	27.4.74	Lancing College	3.10.74	"
Grasshopper Warbler	16.4.74	D.D.	19.8.74	"
Reed Warbler	1.5.74	Ladywells	15.10.74	Sanct.
Sedge Warbler	4.5.74	Sanct.	10.9.74	"
Blackcap	18.4.74	C.H.	19.10.74	"
Garden Warbler	2.5.74	Stanmer Park	17.9.74	C.H.
Whitethroat	20.4.74	Downs	29.8.74	Sanct.
Lesser Whitethroat	4.5.74	C.H.	2.10.74	C.H.
Willow Warbler	6.4.74	Sanct.	20.9.74	C.H.
Chiffchaff *	4.3.74	Shoreham beach	9.11.74	Sanct.
Spotted flycatcher	12.5.74	Adur	26.9.74	C.H.
Yellow Wagtail	26.4.74	Downs	17.9.74	Downs

* excluding probable wintering chiffchaffs.

SUMMARY OF BLUE TIT RINGING IN SHOREHAM DURING 1974

During 1974 a total of 375 handlings of blue tits (*Parus caeruleus.*); of these only 178 were new birds and 197 were retraps. First year birds accounted for 288 of these handlings and only 87 adults were handled.

	A monthly analysis :-			First		Total			
	Tit days	New birds	%	Retraps	Year	%	Adult	%	Handlings
JANUARY	4	58	63	34	75	82	17	18	92
FEBRUARY	6	50	56	39	68	76	21	24	89
MARCH	4	4	40	6	5	50	5	50	10
APRIL	-	-	-	-	-	-	-	-	-
MAY	1	1	100	-	1	100	-	-	1
JUNE	4	8	53	7	11	73	4	27	15
JULY	6	10	43	13	21	87	2	13	23
AUGUST	7	14	66	7	16	76	5	24	21
SEPTEMBER	3	5	36	9	7	50	7	50	14
OCTOBER	5	7	41	10	15	88	2	12	17
NOVEMBER	8	14	24	45	39	66	20	34	59
DECEMBER	6	7	21	27	30	88	4	12	34
TOTAL	54	178	47	197	288	77	87	23	375

The number of tit days are the days on which at least one tit was caught, the small numbers during April and May, and to a certain extent September, reflect the poor mist netting cover as well as a small number of tits about. The total no. handled compares well with the total for a Scottish site worked over 2-3 years; there 387 were handled, over this period in Scotland a total of 179 new birds were ringed c.f. 178 in Sussex. This at first sight would seem contrary to expectation as the Scottish site had previously been un-noted whereas the sanctuary has been well covered in the past, but a sizeable influx of predominantly unringed first year birds at the beginning of the year brought the proportion of ringed to unringed birds down to the same as in Scotland. However there was a small and wholly unexplainable influx of unringed first year birds to Rosslynlee, whether these influxes would have occurred if the sites were not baited remains unknown. A monthly analysis of the proportion of new birds to retraps suggest that the two peaks occur firstly during the influx, and then after the young birds

have fledged; the lowest figure being in December when only 21% were not ringed. Unlike the Scottish site there does not appear to be a monthly change in the proportion of young to adult birds that is explainable.

The 375 handlings came from 223 different individuals (196 in Scotland. showing there more birds with multiple retraps.)

No. of birds handled once153

twice..... 45

thrice..... 9

times 4..... 8

" 5..... 3

" 6..... 2

" 7..... 0

" 8..... 1

" 10..... 1

" 12..... 1

Note a very rapid fall off with very few birds being trapped on more than two occasions, in fact only 12 p.c. of the handlings were of birds trapped more than twice during the year.

Most of the adult birds that were trapped were retraps with only 21 unringed adults being caught (c.f. 157 first year birds). This 21 birds represents 12 p.c. of the new birds compared with 21 p.c. in Scotland; this is a reflection on the long term trapping at the sanctuary.

Of the retraps, totalling 197, 132 were of first year birds and therefore ringed less than a year previously. 2 birds had unknown ringing dates, of the remaining adults:-

-6m.	6m- 1yr.	1-1.5yr.	1.5-2yr.	2yr.-2.5yr.	2.5-3.	3-3.5	3.5-4
9	8	23	3	9	6	2	1
			4-4.5	4.5			
			1	1			

It is interesting that the peaks should occur after a year and then again after two, suggesting that the birds move away after initial trapping. Most of these were birds feeding at the sanctuary during the winter and presumably returning for food again. The figures also show that the mortality of the blue tit is quite high with 149 birds retrapped within one year of ringing yet in the second year only 26 were retrapped and by the third year only 15 handlings.

Recoveries and controls for 1974.

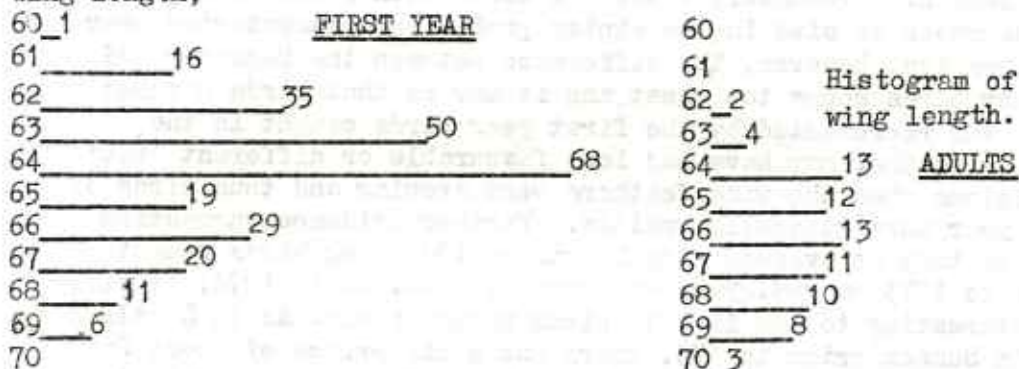
JR 26.503 ringed 3 2.10.73. Litlington (PJW) controlled Shoreham 19.1.74. 30km. west.

JR 18.114 " 3 26.9.73. Beachy Head (BHRG) controlled Shoreham 24.1.74. 38km. WNW.

JS 82.221 " 6 10.3.74. Shoreham (JAN) found dead local 12.6.74.

The first two controls occurred at the Sanctuary during a large influx of mainly unringed first year birds at the beginning of the year. The weather at this time was strong S.W. winds, i.e. the birds seemed to move into the wind. A great tit also ringed in the Eastbourne area in the previous autumn turned up at the sanctuary in January.

As many birds as time and light permitted had their wing length measured using the maximum cord, using one rule and all measured by J.A.N. All handlings are included assuming that the retrapped birds are as much a random sample of the population as new birds. A total of 255 first year birds were measured and 76 adults.



These histograms are remarkably similar to those drawn for the Scottish population with one or two small exceptions. In Scotland there were fewer birds with a wing length of 62 and more 1st yr. with wing lengths of 66. It is possible that these may be bimodal but wing length alone could not be used to separate the sexes. The wing lengths were observed by months to see if there was any variation.

	<u>FIRST YEAR</u>			<u>ADULT</u>		
	n	range	mean	n.	range	mean
JAN.	75	61 - 67	63.4 mm.	17	62 - 69	66.2 mm.
FEB.	42	61 - 68	63.6	12	63 - 69	66.0
MAR.	5	60 - 68	63.4	5	63 - 69	65.6
APR.	-	- -	-	-	- -	-
MAY	1	64	64	-	- -	-
JUNE	8	62 - 67	64.3	2	68	68
JULY	18	63 - 68	64.7	2	66 - 69	67.5
AUG.	16	61 - 69	65.4	5	65 - 70	67.0
SEPT.	6	63 - 68	65.3	4	64 - 66	65.0
OCT.	13	62 - 68	64.5	1	65	65

contd...

	<u>FIRST YEAR</u>			<u>ADULT</u>		
	n.	range	mean	n.	range	mean.
NOV.	29	61 - 69	64.6	16.	62 - 70	65.8
DEC.	42	61 - 68	64.9	12	64 - 70	67.0
OVERALL	255	60 - 69	64.2	76	62 - 70	66.1

Too few adult birds were handled for any trends to show but in the first year birds there seems to be a definite increase in the wing length. Presumably these are birds with fresh plumage and the decrease in size in the winter probably represents wing wear and abrasion. However, the difference between the December and January birds seems too great and it may be that birds hatched in '973, and represented by the first year birds caught in the earlier months, may have had less favourable or different 'bio' conditions when the wing feathers were growing and thus birds of that year were generally smaller. Further evidence suggesting this is that an average wing length of 100 young birds caught prior to 1973 was 63.25mm. compared with 64.2mm in 1974. It will be interesting to see if 1975 birds change again. As in Scotland, and in Sussex prior to '73, there was a difference of about 2mm in the young and adult birds. Some 18 birds were handled in 1974 which had previously been ringed as young; the change in wing length is shown:-

minus 1mm1 The average increase for these birds is 1.9mm.,
no change2 which like the Scottish sample coincides nicely
plus 1mm.....3 with the overall difference in the mean young

" 2mm.....5 wing length and that for adults.

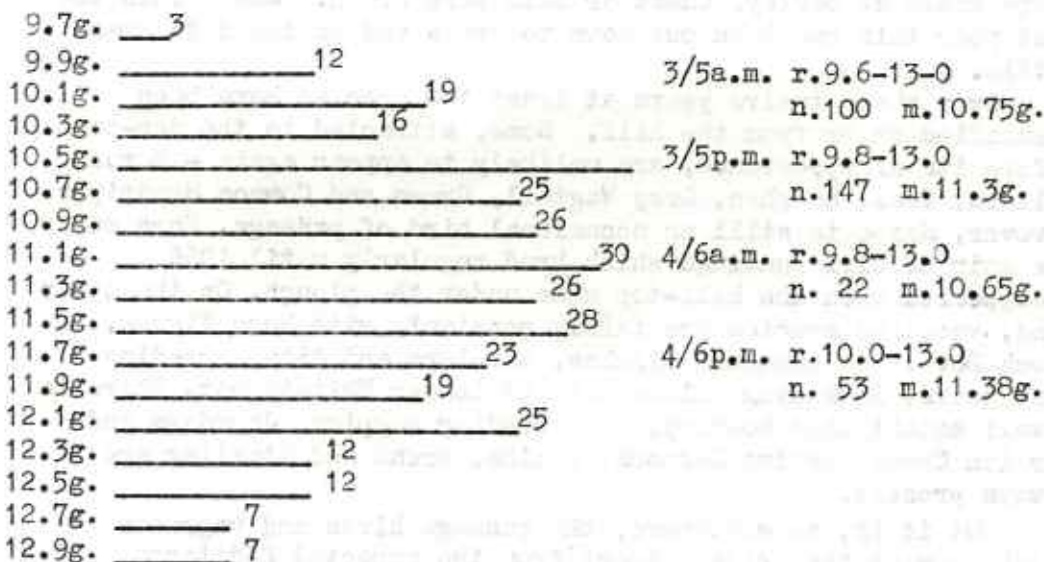
" 3mm.....6 As well as having the wing length taken all

" 4mm.....1 birds were weighed using a 50g long pesola balance. Unfortunately too few birds were trapped in the summer months to allow a month by month analysis of the weights but it is known that blue tit weights do fluctuate through the year with a female peak prior to egg laying with a subsequent fall until the winter. The following is a table showing weights of birds divided into a.m. and p.m.

	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7	contd.
3/5 a.m.	3	6	13	7	17	11	8	7	14	1	1	below-
3/5 p.m.	-	4	3	7	9	8	12	15	10	22	16	
4/6 a.m.	-	2	-	1	2	2	3	3	1	-	1	
4/6 p.m.	-	-	3	1	4	4	3	5	1	5	5	

	11.9	12.1	12.3	12.5	12.7	12.9
3/5 a.m.	4	2	3	-	1	1
3/5 p.m.	9	12	6	-	3	5
4/6 a.m.	5	-	-	-	-	1
4/6 p.m.	1	11	3	-	3	-

The overall number of blue tits weighed was 322 with an overall mean weight of 11.1g the histogram of these weights is :-



It would appear from this that the weight of adults and young birds is much the same but both age groups show a significant rise in weight during the afternoon.

CONEY HILL

During the past twelve years Coney Hill, Brighton, has provided a convenient area for the writer's early morning bird watching on 50 - 100 days a year, despite the inevitable changes in land usage.

The area lies between Patcham Windmill in the west and Patcham Place (on the main Brighton - London road, A23) to the east, and bounded by Mill Road to the North and the Westdene housing estate to the south.

The habitat comprises on the north a strip of woodland (mainly beech, ash and sycamore, with elder and some holly), narrowing westward to gorse/bramble Scrub; on the south a strip of open, mown grassland; and in between land which was formerly rough grazing with clumps of bushes, and including a substantial hedge sheltering a dew-pond.

Some eight years ago, the tenant farmer exercised his right to plough the whole of this intermediate strip, as a result of which hedge and dew-pond disappeared, and for the next seven years crops of barley, wheat or oats were grown. And within the last year this has been put down to grass and enclosed to graze cattle.

Over these twelve years at least 100 species have been identified on or from the hill. Some, attracted to the dew-pond before its disappearance, are unlikely to appear again - Heron, Mallard, Teal, Moorhen, Grey Wagtail, Green and Common Sandpiper. However, Snipe is still an occasional bird of passage. More sadly, the pair of Cirl Buntings which bred regularly until 1966 disappeared when the hill-top came under the plough. On the other hand, woodland species are fairly constant, with Wood Pigeon, Stock Dove, the commoner finches, warblers and tits, breeding most years, including Willow Tit and Lesser Whitethroat. There is a well established Rookery, and breeding Magpies, Jackdaws and Carrion Crows, whilst Dunnock, Robins, Wrens and Starling are always present.

But it is, as elsewhere, the passage birds and vagrants which provide the spice. Apart from the expected Redstarts, Whinchats, Wheatears and Spotted Flycatchers, the odd Wood Warbler is seen in both spring and autumn, singing briefly in the spring. Reed and sometimes Sedge Warblers are noted in autumn; Pied Flycatcher occurs most years, as does Firecrest; Ring Ouzel perhaps only every two or three years. 28.

Woodpeckers, Green and Great Spotted, are irregular visitors, as are Tawny Owl, Jay, Pheasant and Common and Red-legged Partridge. Tree Creeper is mostly present and probably breeds, but Nuthatch has only occurred in the last year.

Of the rarer visitors, a Yellow-browed Warbler seen by Philip Bolman in 1967 was accepted by the County Recorder (one seen two years earlier by the writer was not!), and a Little Ringed Plover in 1968 was even less expected. Within the last few months, new birds seen from the hill have been Little Gull and Golden Plover - both seen in the valley below - and a Rough-legged Buzzard flying over. This latter bird apart, raptors have been confined to an occasional Kestrel and a once-in-a-while Sparrowhawk.

Brian Short had a tantalising glimpse from his bathroom window, which looks out on Coney Hill, of a probable Bee-eater, and the writer's wife has twice had Wryneck in our garden, which almost borders on the hill.

Winter brings flocks of Redwings and Tree Sparrows, with a sprinkling of Fieldfares and the occasional Brambling, and the open ground can always provide Skylarks and often Meadow Pipits.

All in all, a rewarding "patch" to watch, considering its proximity to central Brighton. Even the last week provided a first sighting of a male Goldcrest displaying, with crest erected into a flame-coloured fan. And on December 29th there were a Chiffchaff and a Firecrest in the same bush, and a few days later a male Blackcap in the garden.

C.F.H.

GARDEN BIRDS 1974

- Garden at Worthing (F.J.Forbes) Pied Flycatcher
Garden at Hassocks (Mr.& Mrs.H.E.Cooper) Lesser spotted woodpecker and a hawfinch for the second time in 31 years.
Garden at Lancing (R.Ives) Passage chiffchaff, willow warbler, pied flycatcher and redstart.
Garden at Westdene (Mr.& Mrs.C.F.Helyer) Turtle dove, chiff/willow, tree pipit and goldcrest.
Garden at Shoreham (Mrs.Farmer) Long tailed tit, goldcrest.
Garden at Shoreham Beach (F.Severs) Ring ouzel
Garden at Shoreham (per Dr.J.A.Newnham) breeding robin, blackbird, mistle thrush, dunnoek, House martin and collared dove;

passing magpie, coal tit, goldcrest, chiff/willows pied wagtail, long tailed tit, spotted and 2 pied flycatchers.

WINGED VISITORS TO THE POWER STATION

1974 was an unlucky year for the Ringed Plovers. In spite of persistent attempts to breed, they failed to raise a brood within the confines of the Power Station or in the immediate vicinity.

As mentioned in last year's report (see Ringed Plovers at Portslade), the creation of a new Car Park has restricted the amount of shingle available to them within the Station boundary, and I think this enabled the eggs to be sighted by a Crow in an off guarded moment.

Early in the Spring - 26th March to be exact, a Goldcrest was blown through the main south entrance, and discovered fluttering like a butterfly against one of the windows. It was a pleasure to have the little creature perched on my hand, preening and regaining strength, before flitting away.

The highlight of the year has undoubtedly been the nesting of a pair of Black Redstarts within the external girderwork of the Dust Cyclone House. Three eggs were laid, but only two hatched. It was, of course, hoped that both youngsters would survive to take wing, but regrettably one was discovered dead in the nest on 12th July. It is to be hoped that they will return in 1975, and that the Ringed Plovers will have some success.

H.W.H.

FROM OUR MEMBERS' NOTEBOOKS

Marsh Harrier on the Downs

Description: Larger than f. Hen Harrier. Whole appearance dark rich chocolate brown. Upper and under parts of body and tail dark brown, with no white on front edges of wings. Crown clearly marked with buffish-yellow extending two or three inches down nape. No buff on throat. Wings broader than Hen Harrier and not tapering. Body heavier and tail thicker; flight more ponderous. Identification: Sub-adult f. Marsh Harrier.

B.F.

Breeding Grey Wagtails at Burton Park

It may be worth reporting that at the outlet from Burton Park Lake, on the northern side of the road, two juvenile Grey Wagtails were seen for some time on May 21st. They were moving over water

lily leaves and on small boulders at the foot of the short concrete slope leading down to the "natural" water.

What first interested me was the lack of the vivid yellow which is so striking in the adults - otherwise they were of similar appearance. No adults were seen. The location, with its small cascade over concrete leading to a secluded stream overhung with vegetation is the sort of habitat which seems to suit them in the south.

J.C.E.

Dartford Warbler on Downs

On March 31st, a single m. was seen in a dump of gorse and bramble on downland in Steyning area. Silhouette unmistakable with Whitethroat-like head and body, frequently - cocked tail. The bird allowed close enough approach to see the vinous coloured throat and upper breast. No call was heard.

C.F.H.

SUMMARIES OF FIELD OUTINGS 1974

Saturday, January 5th

Ferring with Mr. Frank Forbes - no report received.

Saturday, February 9th

Swanbourne & Arun Valley with Mr.C.E.Messer.

About 12 members met at Swanbourne Lake on a wet and windy day. Even before we could start our walk down the river, the birds started to appear around us. Parties of Marsh Tits gathered in the road-side Alders and at least 3 Nuthatches were seen among the more usual birds like Blue Tits, Great Tits and Chaffinches. A Water Rail was the only bird of interest on the new Wildfowl Trust reserve, the Wildfowl being everywhere but on the reserve. Mallard were very numerous along the river, about 600 must have been present between Arundel and South Stoke. Teal were also encountered in large numbers, other duck species included Shelduck and Wigeon. A flock of Cormorants provided a picturesque sight as they perched in two large dead trees on the river bank. Several Herons were seen patiently standing among the reeds bordering the ditches.

As we returned to the cars, some of the members were lucky enough to observe a Kingfisher only a few yards from the car park. Although the weather was rather poor, the bird watching was certainly good.

Saturday, March 9th

Pagham Harbour with Mr.B.A.E.Marr.

Some ten brave members faced one of the coldest days of the winter at Pagham Harbour on March 9th for what was intended to be a spring outing. With sleet and drizzle coming across the sea from the south east, some time was spent sheltering behind a convenient hut, whence we saw about 200 Brent Geese, 30 Wigeon, a dozen Pintail, and a number of waders. A younger member nearly swallowed his binoculars when two Avocets came into his field of view, but he readily identified them, to the gratitude of the leader, who had been looking for them unsuccessfully all winter. A Slavonian Grebe put on a marvellous performance for our benefit, swimming past as close as it could to see what we were all up to. A Purple Sandpiper among Turnstone on a pool near the car park was the final thrill before the weather got the better of us, and we had to call it a day. A short one, but very satisfying.

Sunday, April 7th

Chichester Gravel Pits with Mr.C.F.Helyer.

One of the many bright but cold days of this exceptionally dry April brought some 20 members to the meeting point at the motel roundabout.

A Chiffchaff was distinctly audible as the company drove the very short distance to Vinnetrow Pit, whence we proceeded on foot first to the bushes south of Vinnetrow, where Willow Warblers were heard and seen - for most of us the first of the year - and the expected varieties of tits and finches.

Making our way through the car-breakers yard to the Ivy Lake group of pits, two grebes - Great Crested and Little- and four duck-Mallard, Pochard, Tufted and Teal, normal to the time of year were seen, but the "bird of the morning" was the pair of Long-tailed Duck which had been present at the western end of Ivy Lake for some weeks, and were not only obligingly still there, but celebrated our arrival by the male displaying and calling ; a rare sight indeed.

The time being by now 12.30 we returned to the cars for lunch, after which a minority of the party proceeded to the Dairy Lane Pits, where good views of Shoveler and Stock Dove were obtained.

Sunday, May 5th

Shoreham O.S. Sanctuary with Dr.A.B.Watson.

In good weather, twelve members gathered at the Sanctuary to see a demonstration of ringing by Drs. Barrie Watson and John Newnham. During the 1½ hours demonstration, only common species were caught in the mist-nets, but members were able to see the technique of handling and recording the birds.

Unfortunately, the best bird of the morning, a Lesser White-throat, was not caught until just after the party had dispersed.

Sunday, May 12th

St. Leonards Forest (for bird song) with Dr.J.Stafford.

On a windy but fine day 12 members walked through the forest. Thirty one species were identified by song or call. Oddly enough no Dunnocks or Nightingales were heard. Blackcaps were compared with Garden Warblers, Marsh Tits were watched feeding young, with a Willow Tit in the background, a Tree Pipit sang and displayed from a young conifer.

We started at 10.30 a.m. perhaps we should have done better at dawn.

Saturday, June 15th

Wiggonholt Common with Mr.B.Motcalfe.

About fifteen members assembled at 8.0 p.m. on a fine warm evening to search for Nightjars and Woodcock.

The party moved off at 8.20 p.m. and as there was still fair daylight went first along the Rackham road, where Long-tailed Tits were seen, a distant Snipe called and a Barn Owl was identified. Woodcock were seen roding - two at Rackham and two near Parham, and more on the return to Wiggonholt common, making seven in all. Three or four Nightjars were found there to complete a very successful outing.

Saturday, August 31st

Thorney Island with Mr. B.A.E. Marr

Some dozen members met at the car park at Stanbury Lane with rain threatening and set out along the sea wall to Stanbury Point. Birds seen included a large flock of Redshank, one or two Spotted Redshank, with their distinctive "Chew-it" call, a few Greenshank, and a Ruff at very close range as well as several more distant ones. Six Whimbrel were also identified.

The party regained the cars for lunch in time to avoid a downpour which effectively put an end to bird-watching for the day.

Sunday, September 22nd

Cissbury - Chanctonbury with Mr.B.Forbes.

On a fine, warm but rather windy morning, eleven members assembled at the Steep Down car park, and set off on the round walk to Chanctonbury Ring. Birds were rather scarce, but species noted en route included 3 Stonechats, 3 Wheatears, 3 Whinchats, 2 Yellow Wagtails, 2 Whitethroats and a Willow Warbler - all but probably the Stonechats evidence of the autumn migration.

Several Kestrels were seen, but otherwise the only sightings of hoped-for raptors were two fleeting glimpses of Sparrowhawk.

Bird of the day, however, was a Long-eared Owl.

Saturday, October 12th

Belle Tout and Birling Gap with Mr.C.F.Helyer.

On a bright cold morning five members joined the writer and Mr.R.J.Batchelor of the S.O.S; who had kindly agreed to accompany us, at Friston Forest car park.

The outing was scheduled for Lullington Heath, but the recent heavy rain caused a change of plan, and members agreed to go instead to Belle Tout.

At the Horseshoe Plantation a number of Goldcrests were seen. A walk through the gorse, first towards Birling Gap and then east to Hodshrove produced upwards of a dozen Stonechats, together with numerous Meadow Pipits and a few Yellowhammers. A Dartford Warbler and a Garden Warbler were found at Hodshrove, and on return to the Horseshoe a female Blackcap and a Chiff/Willow were identified, and close views were obtained of a Tawny Owl overhead in an ash tree.

Sunday, November 10th

Cissbury - Chanctonbury with Mr. C.E. Nesser.

19 members turned out on a bright and windy morning for the walk to Chanctonbury.

Birds of prey were as usual our main quarry, and we were not to be disappointed. Kestrels were very numerous indeed, owing to the good breeding season this year. Hen Harriers, of course, were back in winter residence, we had two sightings of a single female and then two females together.

The most exciting birds of the day were the Rough-legged Buzzards; we all had numerous sightings of them hovering over the fields like giant Kestrels, their white tails clearly visible to everyone. At least four Rough-legged Buzzards were present over the whole area. This was a result of yet another invasion of this species from Scandinavia.

SHOREHAM ORNITHOLOGICAL SOCIETY

RECEIPTS AND EXPENDITURE ACCOUNT TO 31st DECEMBER, 1974

<u>RECEIPTS</u>	<u>£.p.</u>	<u>EXPENDITURE</u>	<u>£.p.</u>
Brought forward	120.46	Subscription to	
Subscriptions:		British Birds	12.00
152 @ 0.75		Binding	2.30
7 @ 0.40	116.80	Subscription RSPB	2.00
Sale of Report	25	" B.T.O.	3.50
P.O. Bank Interest	4.49	Hire Huntingdon Hall	4.00
Film Show Receipt	Cr. 3.93	Lecture Fees	14.00
		Sanctuary Rent	4.00
		Printing Annual Report	54.69
		Stationery	5.16
		Duplicating & Printing	6.10
		Postage	18.24
		Miscellaneous Exps.	1.70
		Carried forward to	
		1.1.1975	110.38
	<u>£238.07</u>		<u>£238.07</u>

AUDITED AND FOUND CORRECT

(SIGNED) C. F. HELYER

HON. TREASURER

(SIGNED)

LIST OF LECTURES 1974

January 19th	"Any Questions"	Panel of Members
February 2nd	"The High Life of the Rook" "Wilderness is not a Place" "Avocets' Return".	Three R.S.P.B films at Shoreham Town Hall.
March 30th	Annual General Meeting and "A Survey of the Birds of Shoreham over the last 25 years."	Dr.J.Stafford
October 23rd	"The Water over the River"	Mr.W.J.C.Murray
November 20th	"A Naturalist in Selwyn's Wood"	Mr.S.Bayliss- Smith.

SHOREHAM ORNITHOLOGICAL SOCIETY

MEMBERSHIP LIST 1974

Mr. & Mrs. S. R. Allen,	Basement Flat, 46A Clarendon Villas, Hove.
Mr. & Mrs. B. Appleford,	6, Westlands, Ferring, Sussex BN12. 5JQ
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Mrs. B. Arnold,	1, The Crescent, South Lancing
Mrs. I. D. Barlow,	43, King's Stone Ave. Steyning
Miss H. Bartlett,	"Chancton", The Street, Old Shoreham
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Miss A. Bayliss,	13, The Street, Pyecombe, Brighton BN4. 7EE.
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Mr. P. J. Clay,	" " " " " "
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Mr. & Mrs. Jenking,	Ashcroft, Maudlyn Park Way, Steyning
Mr. C. Jones,	2, Holmbush Close, Shoreham
Mrs. B. Jones,	2, Holmbush Close, Shoreham
Miss Joseph,	Under Round Hill, Lains Road, Steyning
Mr. R. Kelly,	35, Staploy Road, Hove 4
Miss H. Landman,	Nurses Home, St. Richard's Hospital, Chichester
Mr. & Mrs. E. L. Lovett,	26, Vale Walk, Findon Valley, Worthing, BN14 OBS
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Mr. Ray,	Marlows, Mill Hill, Shoreham
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Mr. G. A. Robbins)	114, Old Shoreham Road, Southwick
Miss J. A. Robbins)	
Mr. T. D. Rogers,	32, Buckingham Road, Shoreham
Miss Rogers,	157, Greenways Crescent, Shoreham
Mr. & Mrs. Ruscoe,	Annington Old Farmhouse, Botolphs, Steyning
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Miss B. Scatliffe,	36, Shirley Drive, Hove BN3.6UD.
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Miss E. Theobald,	1, Saxon Road, Steyning
Miss M. Theobald,	" "
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Mr. C. M. Veysey,	Holcombe Hotel, 92, Heene Rd. 42. Worthing BN11. 3RE

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Miss M. Wheeler,	6, Southlands Court, St. Giles Close, Shoreham
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Miss E. J. Whittleton,	High Beech, Maudlyn Park, Steyning
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Mr. & Mrs. R. Williams,	Hazelhurst Farm, Wisborough Green, Billingshurst, Sussex
Mr. P. S. Wilmshurst,	12, Ashcroft Close, Shoreham
Miss W. M. Woodroffe,	6, Charles House, Goring Road, Worthing
Mr. N. W. S. Yonge,	Homefields Farm, Bull's Lane, Cowfold

Mrs. Rampton

It is with regret that we have to record the death of Mrs. Rampton who, with her husband, was a founder member of the society. She was a constant helper at our indoor meetings, and was our unofficial assistant Treasurer. We shall all miss her as a good friend, and offer our sympathy to Mr. Rampton in his sad loss.

MEMBERS' RECORDS

It would be a great help to the Recorder if members would send in their records twice a year, with the second batch in December, leaving the last few records to the first week in January.

Please send in lists by species. If more than a few entries are involved, it would be helpful if they were sent in the Wetmore order, which is that used in the Field Guide.

The society's records are set out as shown :-

<u>B.O.U.</u>	<u>Date</u>	<u>Name</u>	<u>Locality</u>	<u>No.</u>	<u>Recorder's</u> <u>Initials</u>
321	1.1.67	Black Redstart	Sanct.	2.	A.B.

It would be much appreciated if members sending in long lists would keep to this system where practicable. Rarities should have a full description sent in with particular emphasis on field marks etc.

Items for the "Arrivals and Departures of Migrants" Section should be extracted from General records and detailed separately.

OFFICERS ETC.

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Dr.J.Stafford

Council Members:

Hon.Secretary

Mrs.E.Farmer,
78, Park Avenue,
Shoreham-by-Sea
Mr.A.Burstow
Mr. G.W.Rampton,
34, Croft Avenue,
Southwick BN4 4AB

Hon.Field Secretary

Hon.Treasurer

Mr.T.Palmer
Mr. C.F.Helyer

Hon.Recorder

Report Editor

plus:

Miss C.P.S. Griffiths

Mr.B.Forbes

Mr.H.Hiscoke

Mr.C.E.Messer

&

Field Committee:

Miss C.P.S.Griffiths

Messrs.A.Burstow,B.Forbes,

C.Messer & Dr.A.B.Watson

Sanctuary Committee:

Messrs.F.J.Forbes,B.R.Clay,

P.J.Clay & Dr.A.B.Watson

Member kindly responsible for distribution of "British Birds" etc.
Mr.T.Palmer.

NOTICE

Will members please advise Secretary of any alterations of name and/
or address.

GENERAL INFORMATION

The Shoreham Ornithological Society is affiliated to, or is a member
of the following bodies :-

Royal Society for the Protection of Birds
and
British Trust for Ornithology

The membership fee is 75p a year, inclusive of a copy of the Annual
Report. Junior Members must be over thirteen and under eighteen
years of age. The fee for these is 40p a year, also inclusive of
the Report.

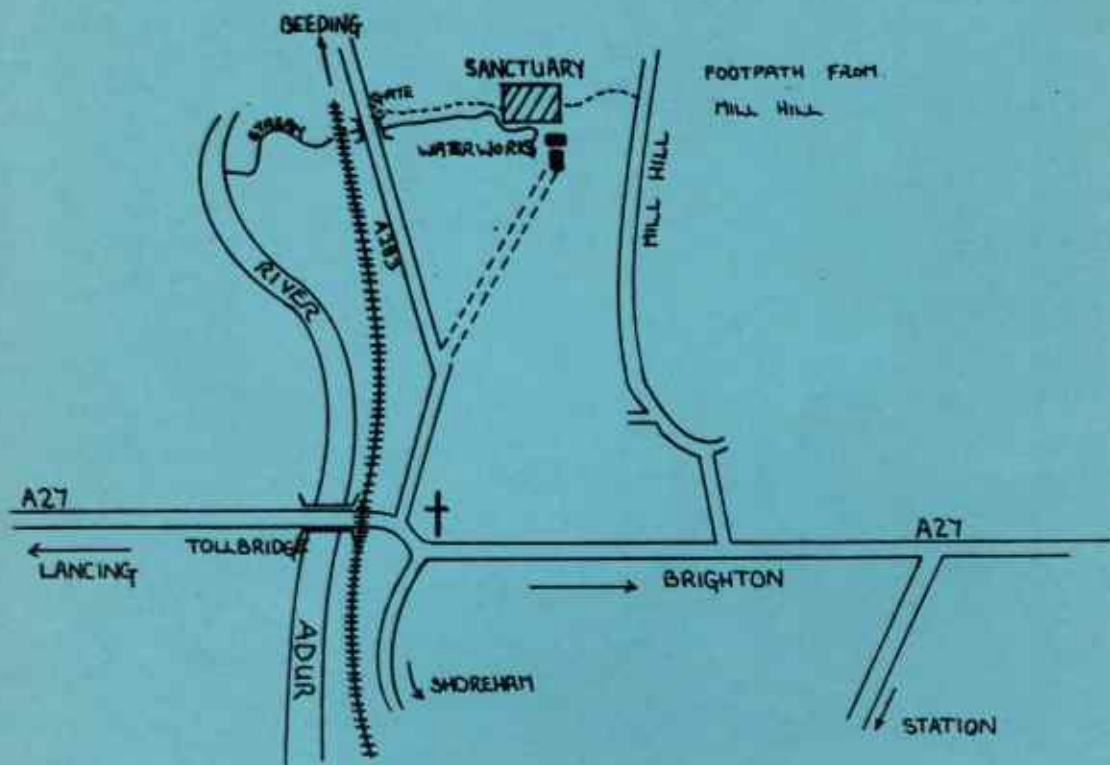
As from 1st January 1975 The Subscriptions will be £1. and 50p
respectively. Both inclusive of a copy of the Annual Report and
Free Admission to the Annual Film Show.

NOTICE

By a decision of the Council in 1971, membership of the Society is
limited to 180, to avoid overcrowding at meetings. New applicants
for membership may accordingly be invited to join a waiting list
from which vacancies will be filled in order of application.

Extra Copies of the Annual Report may be obtained from the
Secretary at 30p each.

SHOREHAM SANCTUARY



The Sanctuary is now held on a new Agreement. *Pedestrian* access is now by the Waterworks Road, at the end of which take a pathway to the left skirting the Waterworks buildings. Cars *must* be left at the junction of the Beeding Road and the Waterworks Road.

Alternative access is through the gate on the Beeding Road, or steeply down from Mill Hill.

Note: The new Adur Bridge and its approaches are omitted from this map for the sake of clarity.