

BIOLOGICAL SECTION REPORT.

Again very few records of new plants or of plants found in hitherto uncovered localities have been received. The following are of interest :—

III (1) *Galinsoga parviflora*. (Cohen.)

This plant appeared some years ago at Kew, and gradually spread around London. How it arrived at Christchurch it is impossible to say ; it is a native of Peru.

I. *Hieracium Lachenalii*. Bournemouth (Boyd Watt).

This has only once previously been recorded, from Silchester in 1927.

II. *Inula Crithmoides*. Milford. (Cohen.)III (1). *Coronopus didymus*. Sway. (Cohen.)VII (1). *Senecio viscosus*. Shawford. (FitzGerald.)

Botanical Expedition to Greywell and Neighbourhood. On Monday, July 2nd, 1945.

The party met at Basingstoke station at 11.0 a.m. About twenty-five members came, some of them with cars, which enabled the whole party to motor to the localities visited.

The first stop was at Tunworth, where the beech woods behind Tunworth Church (comprising part of Herriard Park) were visited. These are typical beech woods on chalk, containing a rich and characteristic flora. The Rev. W. G. Cruttwell was the leader.

The following species were observed :—

White Helleborine	-	-	<i>Cephalanthera grandiflora</i> .
Narrow-leaved Helleborine	-	-	<i>Cephalanthera ensifolia</i> .
Pyramidal Orchis	-	-	<i>Orchis pyramidalis</i> .
Spotted Orchis	-	-	<i>Orchis fuchsii</i> .
Fly Orchis	-	-	<i>Ophrys muscifera</i> .
Butterfly Orchis	-	-	<i>Platanthera chlorantha</i> .
Bird's-nest Orchis	-	-	<i>Neottia nidus-avis</i> .
Twayblade	-	-	<i>Listera ovata</i> .
Yellow Bird's-nest	-	-	<i>Monotropa hypopitys</i> .
Solomon's Seal	-	-	<i>Polygonatum multiflorum</i> .
Nettle-leaved Bellflower	-	-	<i>Campanula trachelium</i> .
Hairy St. John's-wort	-	-	<i>Hypericum hirsutum</i> .
Wood Spurge	-	-	<i>Euphorbia amygdaloides</i> .
Wall Lettuce	-	-	<i>Lactuca muralis</i> .
Wood Melick	-	-	<i>Melica uniflora</i> .
Cow-wheat	-	-	<i>Melampyrum pratense</i> .

In chalky clearings by the side of the woods were :—

Pyramidal Orchis (much finer than in the wood).	-	-	
Rock rose	-	-	<i>Helianthemum vulgare</i> .
Salad Burnet	-	-	<i>Poterium sanguisorba</i> .
Chalk Milkwort	-	-	<i>Polygala calcarea</i> .
Lesser Broomrape	-	-	<i>Orobanche minor</i> .
Ladies' Fingers	-	-	<i>Anthyllis vulneraria</i> .
Cathartic Flax	-	-	<i>Linum catharticum</i> .
Rest-harrow	-	-	<i>Ononis repens</i> .
Hedge Parsley	-	-	<i>Caucalis anthriscus</i> .
Oxford Ragwort	-	-	<i>Senecio squalidus</i> . A single plant.

The party then proceeded to a path through a cornfield on chalk between Tunworth and Mapledurwell. Here we found :—

Corn Gromwell	-	-	<i>Lithospermum arvense.</i>
Chicory	-	-	<i>Chicorium intybus.</i>
Male Fluellen	-	-	<i>Linaria spuria.</i>
Pointed-leaved Toadflax	-	-	<i>Linaria elatine.</i>
Lesser Toadflax	-	-	<i>Linaria minor.</i>
Sun Spurge	-	-	<i>Euphorbia helioscopia.</i>
Dwarf Spurge	-	-	<i>Euphorbia exigua.</i>
Long-stalked Crane's-bill	-	-	<i>Geranium columbinum.</i>
Yellow Vetchling	-	-	<i>Lathyrus aphaca.</i>

Proceeding to Mapledurwell we visited a garden in which were growing two very interesting wild plants :—

Hare's Ear (*Bupleurum rotundifolium*), growing as a weed, seeded from neighbouring cornfields, in which it used to occur.

Field Bryngo (*Eryngium campestre*), transplanted from a field which was being ploughed up, in order to preserve the plant. There was quite a large patch in the field before it was ploughed up, and it is to be hoped that it will survive.

Finally we went to Greywell to explore the marshes. These are of particular interest as they are technically "fen"; that is to say composed of alkaline peat. The water, draining off the chalk, is highly charged with lime and so the vegetation of the marsh contains many lime-loving species. Here is a selection of the more interesting plants seen :—

Late Marsh Orchis	-	-	<i>Orchis praetermissa.</i>
Fragrant Orchis	-	-	<i>Gymnadenia conopsea.</i>
Marsh Helleborine	-	-	<i>Epipactis palustris.</i>
Red Rattle	-	-	<i>Pedicularis palustris.</i>
Marsh Valerian	-	-	<i>Valeriana dioica.</i>
Bog Bean	-	-	<i>Menyanthes trifoliata.</i>
Marsh Bedstraw	-	-	<i>Galium palustre.</i>
Swamp Bedstraw	-	-	<i>Galium uliginosum.</i>
Bog Pimpernel	-	-	<i>Anagallis tenella.</i>
Yellow Loosestrife	-	-	<i>Lysimachia vulgaris.</i>
Monkey Flower	-	-	<i>Mimulus luteus.</i>
Yellow Flag	-	-	<i>Iris pseudacorus.</i>
Broad-leaved Cotton Grass	-	-	<i>Eriophorum latifolium.</i>
Narrow-leaved Cotton Grass	-	-	<i>Eriophorum angustifolium.</i>
Slender Cotton Grass	-	-	<i>Eriophorum gracile.</i>
Panicled Sedge	-	-	<i>Carex paniculata.</i>
Yellow Sedge	-	-	<i>Carex flava.</i>
Carnation Sedge	-	-	<i>Carex panicea.</i>
Obtuse Rush	-	-	<i>Juncus obtusiflorus.</i>
Marsh Fern	-	-	<i>Lastreaa thelypteris.</i>

On some drier ground near the Waterworks were :—

Vervain	-	-	<i>Verbena officinalis.</i>
Pepper Saxifrage	-	-	<i>Silene flavescent.</i>

and a magnificent display of Marsh Orchis (*O. praetermissa*), Marsh Helleborine and Fragrant Orchis.

Owing to the generosity of Mr. and Mrs. Cole the party were given tea at their farm house.

One section of the party returned *via* Basing, seeing on an old brick wall :—

English Bedstraw	-	<i>Galium anglicum.</i>
Fine-leaved Sandwort	-	<i>Arenaria tenuifolia.</i>

Thus ended an interesting tour of a part of the county not well worked botanically, but of considerable interest.

A FUNGUS FORAY AT CHAWTON PARK WOOD, NEAR ALTON.

For the third year in succession a Fungus Foray, under the direction of Mr. A. A. Pearson, F.L.S., of Hindhead, and Mr. E. W. Swanton, F.L.S., of the Haslemere Educational Museum, was carried out in Chawton Park Wood and the adjoining meadows on October 16th. Owing to the preceding dry weather fungi were not plentiful and were small in size, also some of the meadows near the wood, which had on former occasions produced good specimens, had been ploughed; but in spite of this the total number of species identified by the directors was larger than on the two previous occasions, namely, 119. The complete list is given below.

The Club is very much indebted to Messrs. Pearson and Swanton for so regularly putting their very complete knowledge of British fungi at the disposal of the Club.

List of fungi found, excluding those already recorded for this locality in *Proceedings*, Vol. XVI, Part 2, 1945 :—

<i>Amanitopsis vaginata.</i>	<i>Coprinus micaceus.</i>
" <i>strangulata.</i>	" <i>plicatilis.</i>
<i>Lepiota sistrata.</i>	" <i>cinereus.</i>
" <i>cristata.</i>	" <i>atramentarius.</i>
<i>Tricholoma ustale.</i>	<i>Hygrophorus niveus.</i>
" <i>sulphureum.</i>	<i>Lactarius flexuosus.</i>
<i>Clitocybe candicans.</i>	" <i>fuliginosus.</i>
" <i>infundibuliformis.</i>	<i>Russula nigricans.</i>
" <i>ditopus.</i>	" <i>rosea (Quel.).</i>
" <i>fragrans.</i>	" <i>foetens.</i>
" <i>geotropa.</i>	" <i>fellea.</i>
<i>Collybia maculata.</i>	" <i>emetica.</i>
<i>Omphalia fibula, var. Swartzii.</i>	" <i>ochroleuca.</i>
<i>Pluteus cervinus.</i>	" <i>coerulea.</i>
<i>Entoloma niderosum.</i>	" <i>laurocerasi.</i>
<i>Leptonia euchroa.</i>	<i>Cantherellus cibarius.</i>
<i>Pholiota, erebia.</i>	<i>Marasmius dryophilus.</i>
" <i>adiposa.</i>	" <i>hariolorum.</i>
<i>Flammula sapinea.</i>	" <i>ramealis.</i>
<i>Hypopholoma sublateralitium.</i>	<i>Pleurotus acerosus.</i>
" <i>velutinum.</i>	<i>Panus stypticus.</i>
" <i>hydropilum.</i>	<i>Schizophyllum commune.</i>
<i>Paneolus campanulatus.</i>	<i>Paxillus involutus.</i>

Boletus subtomentosus.	Lycoperdon echinatum.
" scaber.	" depressum.
Polyporus sulphureus.	Cynophallus caninus.
" caesius.	Scleroderma verrucosum.
" adustus.	Peniophora velutina.
Hydnum repandum.	Hypochnus fuscus.
Irpex obliquus.	" fumosus.
Craterellus cornucopioides.	Helvella elastica.
Clavaria amethystina.	Xylaria hypoxylon.
Auricularia auricula—judae.	Pleurotus acerosus.

H. PUREFOY FITZGERALD, F.L.S.

Secretary of the Biological Section.

ZOOLOGICAL SECTION.

Secretary's Notes.

It is with natural misgivings that I have accepted the invitation to carry on the work of that great and experienced naturalist, Dr. F. H. Haines, in editing the zoological records for our County. However, I hope that with the continued support of our contributors we may be able to maintain the high standard of interest and accuracy of this Report. Any of our members, and others, who have made notes of interest during 1946, of common as well as of rare species, are invited to send them to me at Webb's Farm, Pitton, Salisbury, Wilts, as soon as possible after the end of the year.

Dr. Haines unfortunately passed away when in the middle of collecting material for this 1945 Report, and he had evidently not nearly completed the task. When, however, his papers were handed over to me there was little time to collect more, nor did I then have some of the necessary contacts. As a result, this Report is far less comprehensive than its predecessors, especially in its entomological records. I trust that this will be remedied by the receipt of many more records for 1946.

R. WHITLOCK.

Mammals.

Long-eared Bat.—One caught in a room at Sway on September 9th; one in same place on October 21st. (E.C.)

Fox.—Apparently scarce around Fordingbridge, and only on two nights in the winter was a dog fox heard barking. They are, however, apparently quite plentiful in the New Forest where they have been seen on several occasions in daylight during the year. (C.W.A.)

Badger.—Not infrequently seen and heard around Fritham and Eyeworth Pond. (H.G.P.)

Stoat.—In late December a Stoat in full winter dress was seen at Norley Enclosure, near Lymington. (H.A.)

Hare.—Scarce in the immediate neighbourhood of Fordingbridge, but common on the downs and in the fields to the north. (C.W.A.)

Red Squirrel.—Very common around Fordingbridge and quite often to be seen on the ground, where they are reported sometimes to fall victims to cats. (C.W.A.)

Grey Squirrel.—None seen around Fordingbridge during the year. (C.W.A.) One seen in High Corner Wood, near Linwood, on March 1st. (H.L.) A female was shot at Efford Park, near Lymington, on October 5th. Its measurement from nose to tip of tail was 20½ inches. (G.W.L.K.)

Dormouse.—C.W.A. was told by hurdle-makers and copse wood-workers around Fordingbridge, that years ago Dormice were often found among the hazels in that district, but that they are very rare now.

Wood Mouse.—One caught alive in a trap at Sway on March 29th. (E.C.)

Bank Vole.—One caught alive in a trap at Sway on February 17th. (E.C.)

Fallow Deer.—Although very much reduced in numbers these Deer are still to be seen in the northern New Forest and in private woods around Fordingbridge. A fair number of both bucks and does were seen this winter. (C.W.A.)

Japanese Deer.—C.W.A. writes : "One of the Forest keepers showed him the head of one of these deer which he had shot. He said the first shot only wounded it and, on approaching to finish it off, the deer attacked him savagely, knocking him down ; he fortunately escaped injury."

Roe Deer.—C.W.A. writes : "There seems to be a floating population of this beautiful little deer in the Fordingbridge area. Nearly all the larger woods are frequented by them. On January 4th I was walking from a wood at Sandleheath in the morning and two Roe Deers cantered across the ride in front of me. Their tracks are to be seen in soft places in woodland rides, but I have seen only a very few in the New Forest." (C.W.A.) Reported by the keepers as not uncommon in the Fritham district. (H.G.P.)

Bottle-nosed Dolphin (*Tursiops tursio*).—On Sea-Pie Point, near the mouth of the Beaulieu River, H.A. picked up a jaw-bone which, by the 23 teeth-cavities, he identified as belonging to this species.

Reptiles.

Common Lizard.—Many records for the Linwood district. (F.H.H.)

Sand Lizard.—A number of records for the Linwood district, where one was caught by a cat on February 27th. (F.H.H.)

Smooth Snake.—On September 17th a Smooth Snake, about 18ins. long and very young, was found hurt in the road near Linwood. This species is very rare here, this being only the second specimen noted since 1923. (F.H.H.)

Slow Worm.—Very numerous in the Fordingbridge district. (C.W.A.)

Fish.

Miller's Thumb (*Cottus gobio*).—One caught in the hand in the Avon near Sway on March 30th. (E.C.)

Brook Lamprey (*Petromyzon lampetra planeri*).—One caught in the hand in the River Avon near Sway on March 30th. (E.C.)

Hymenoptera.

Hornet (*Vespa crabro*).—Several were seen in Lower Court Wood, Damerham, on April 20th. (C.W.A.)

List of Contributors.

Mr. H. Andrews	-	H.A.	The late	
Mr. P. E. Brown	-	P.E.B.	Dr. F. H. Haines	- F.H.H.
Surg.-Lieut.			Mr. S. J. Teideman	- S.J.T.
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Rev. H. Purefoy	-		Miss W. F. White	- W.F.W.
FitzGerald	-	H.P.F.G.	Mr. E. Cohen	- E.C.
Mr. H. T. White	-	H.T.W.	Mr. G. J. W. Homer	- G.J.W.H.
Mr. P. Farrer	-	P.F.	Mrs. W. Boyd-Watt	- W.B.W.
Mrs. A. E. Harrington	-	A.E.H.	Mr. R. Whitlock	- R.W.
			Mr. A. Arnold	- A.A.

ORNITHOLOGICAL REPORT, 1945.

General Notes.

MISS C. POPHAM writes from Mudeford :—"During the very cold spell from December, 1944, to January 30th, 1945, the mortality among small birds was on a big scale, Redwings in particular being picked up everywhere. Skylarks, Linnets and Stonechats were among other birds picked up.

"The numbers of Skylarks seen at this period were also notable, probably owing to invasion from the Continent, and oiled birds were found dead. Among the latter were a female Scoter, Guillemot, Razorbill and Red-throated Diver. Several badly-oiled Gulls were seen on the Stanpit Marshes, but they were still alive."

Miss Popham gives details of badly oiled Guillemots, and also of badly oiled Red-throated Diver, Great Crested Grebe and Razorbill that were washed up on the shore in early February.

Hampshire Recoveries of Marked Birds.

The following data of birds ringed abroad and recovered in Hampshire are taken from *British Birds*, Vol. XXXVIII :—

Chaffinch.—One ringed at Antwerp, Belgium, on October 16th, 1937, was recovered at Bitterne on January 30th, 1938.

Song-Thrush.—One ringed as a nestling at Utrecht, Holland, on May 29th, 1939, was recovered at Lymington on March 6th, 1940.

Heron.—One ringed as nestling in Rogaland, Norway, on June 10th, 1940, was recovered at Winchester in the winter of 1941-42.

One ringed as nestling in Scania, Sweden, on June 15th, 1941, was recovered at Highbridge on November 24th, 1941.

Mallard.—One ringed as full-grown in Overijssel, Holland, on March 15th, 1939, was recovered at Stockbridge on January 27th, 1940.

Teal.—One ringed at a decoy in Friesland, Holland, on September 24th, 1939, was recovered at Portchester on January 11th, 1940.

Ringed Plover.—One ringed as young in Jylland, Denmark, in July, 1932, was recovered at Hengistbury Head in January, 1941.

Dunlin.—One ringed as migrant in Oland, Sweden, on September 10th, 1938, was recovered at Bembridge, I.O.W., in January, 1940.

Avocet.—One ringed as young in Fyn, Denmark, on June 15th, 1941, was recovered at Otterbourne on January 27th, 1942.

Woodcock.—One ringed in Eastern Bohemia, as young, on May 16th, 1938, was recovered at Winchester on October 26th, 1943.

Systematic List.

Raven (*Corvus corax corax* L.).—Six Ravens flying from West to East and calling in flight at Sway on August 7th (E.C.). One at Stanpit Marsh on October 17th (E.C.). A pair bred on Hengistbury Head, for the first time for many years. Only one young was reared. Ravens were frequently seen on Stanpit Marsh (C.P.).

- Rook** (*Corvus frugilegus frugilegus* L.).—On March 10th, Rooks returned to small rookery on Petersfield Heath, which had remained unoccupied in 1944 (W.F.W.). A new colony at Ampfield which was taken in 1943 and increased to 11 nests this April (H.T.W.). A very large winter roost, shared by Jackdaws and sometimes by Starlings, exists in Durwood a large wood area near Upham. All Rooks suddenly ceased to use it on March 1st, though Jackdaws continued there for at least one more day (A.A.).
- Jay** (*Garrulus glandarius rufitergum* Hart.).—A large party flying north towards West Dean on October 4th (W.A.P.).
- Starling** (*Sturnus vulgaris vulgaris* L.).—An enormous number of birds was seen wheeling over Christchurch and district on the evening of June 21st. The total must have been well over 1,000 (C.P.).
- Golden Oriole** (*Oriolus oriolus oriolus*).—One in full song was heard in an oak copse near Pennington on May 10th (B.B., Vol. XXXIX, p. 128).
- Greenfinch** (*Chloris chloris chloris* L.).—Song heard at Petersfield on July 17th (A.E.H.).
- Goldfinch** (*Carduelis carduelis britannica* Hart.).—Evidence of considerable autumn movement along the coast at Emsworth. This movement first noticed about mid-August, but numbers small until 31st, when one flock totalled 73. Flocks of 30-60 birds occurred during first two weeks of September, culminating in a "rush" on the 16th, when one flock totalled 121. Throughout October and even up to November 6th, flocks of 15 to 30 birds passed at irregular intervals (P.E.B.).
- Lesser Redpoll** (*Carduelis flammea cabaret* P.L.S. Müll.).—A party at West Dean on December 9th (W.A.P.).
- Bullfinch** (*Pyrrhula pyrrhula nesa* Math. and Ired.).—A Bullfinch was sitting on a clutch of five eggs at Sway on April 28th. This nest had two eggs on the 25th (E.C.). Numerous in the Fordingbridge district in 1945 (C.W.A.).
- Chaffinch** (*Fringilla coelebs gengleri* Kleinsch.).—Full song was heard at Petersfield on January 3rd, and one was seen singing in snow there on January 31st (W.F.W.). Chaffinches in pairs at Linwood on February 4th (H.L.). Full song was not heard at Ampfield until February 11th (H.T.W.). At Petersfield on May 8th a Chaffinch was seen taking away felt from the outside of the nesting box for use in its own nest (W.F.W.). First song at Mudeford on February 4th (C.P.).
- Yellow Bunting** (*Emberiza citrinella citrinella* L.).—First song was heard at Petersfield on February 15th (W.F.W.).
- Girl Bunting** (*Emberiza cirrus cirrus* L.).—One heard on Rockford Common, New Forest, on June 13th (F.H.H.). First song at Mudeford on February 3rd (C.P.).
- Reed-Bunting** (*Emberiza schoeniclus schoeniclus* L.).—A nest with young about three days' old at Andover on May 20th (W.A.P.).
- Tree-Sparrow** (*Passer montanus montanus* L.).—Two were seen on Stanpit Marshes on October 4th (C.P.).
- Wood-Lark** (*Lullula arborea arborea* L.).—One near Appleslade, Linwood, on February 13th, 14th (F.H.H.). Two near Fritham on September 28th (R.W.). Breeds annually in small numbers in a locality in North Hampshire. There is evidence of a "dispersal" in September and October, when birds are frequently seen up to ten miles from the breeding-ground. October 16th three were seen in company with Skylarks at Emsworth (P.E.B.).
- Skylark** (*Alauda arvensis arvensis* L.).—An albino was seen at Longparish in December (W.A.P.). One was heard in full song at Petersfield on January 15th; and at Petersfield on November 22nd one was heard singing above the mist (W.F.W.).

- Tree Pipit** (*Anthus trivialis trivialis* L.).—First seen at Tadley on April 11th (P.E.B.).
- Meadow Pipit** (*Anthus pratensis* L.).—A nest with four fresh eggs was found at Chilbolton on April 13th (W.A.P.).
- Blue-Headed Wagtail** (*Motacilla flava flava* L.).—A female was seen on Stanpit Marsh on July 2nd (E.C.). (Mr. Cohen is familiar with this species and having obtained a good view of this bird, has no doubt that its identification is correct.) A male on Stanpit Marsh on April 10th (C.P.).
- Yellow Wagtail** (*Motacilla flava flavissima* Blyth).—More than usual on the banks of the River Test in 1945. The first was seen at Longparish on April 13th, and several were seen at Chilbolton on April 20th, though they were not yet paired off (W.A.P.). Two were seen with several Pied Wagtails at Petersfield Heath on August 25th (W.F.W.). First at Mudeford on April 4th; last on September 23rd (C.P.). At Emsworth small flocks were noted, presumably on passage, mid-August to end September. Main numbers occurred in a marked "rush" in mid-September, a flock of just over 100 birds occurring on the 15th, and a flock of 25 on the 16th (P.E.B.).
- Grey Wagtail** (*Motacilla cinerea cinerea* Tunst.).—Single Grey Wagtails were seen on a lawn at Sway on September 25th, 26th and October 29th, and two on October 4th (E.C.). Grey Wagtails were observed in the Fordingbridge district in January (C.W.A.).
- Tree Creeper** (*Certhia familiaris britannica* Ridgw.).—One building its nest at Linwood on April 5th (F.H.H.).
- British Nuthatch** (*Sitta europaea affinis* Blyth).—First song at Mudeford on February 5th (C.P.).
- Red-backed Shrike** (*Lanius collurio collurio* L.).—Three young birds were seen sitting on telephone wires near Linwood on August 11th (F.H.H.). The first was seen at Dean on May 12th (W.A.P.). A male was seen near Sway on June 18th; and on July 5th two pairs, each with young, were seen there. One pair had fully-fledged young and one five half-grown youngsters (E.C.). A nest with half-grown young was about near Wilverley Plantation on July 13th (E.C.).
- Spotted Flycatcher** (*Muscicapa striata striata* Pall.).—The last was seen at Sway on September 8th (E.C.).
- Pied Flycatcher** (*Muscicapa hypoleuca hypoleuca* Pall.).—One in a garden at Sway on August 13th in almost exactly the same place as one was seen on September 14th, 1944 (E.C.).
- Red-breasted Flycatcher** (*Muscicapa parva parva*).—One was identified in a garden at Southsea on May 1st, 1944 (B.B., Vol. XXXVIII, p. 174).
- Goldcrest** (*Regulus regulus anglicorum* Hart.).—One came to a garden at Petersfield to feed with other birds every day during January and mostly during February. Song was heard on February 26th (W.F.W.).
- Chiffchaff** (*Phylloscopus collybita collybita* Vieill.).—Seen at Dean on February 2nd (W.A.P.); at Ampfield on March 29th; at Linwood on March 21st (F.H.H.), and at Petersfield on March 19th (W.F.W.). First at Mudeford on March 21st (C.P.). Last at Mudeford on October 8th (C.P.). Last seen at Bournemouth on September 29th (P.E.B.).
- Willow Warbler** (*Phylloscopus trochilus trochilus* L.).—First seen at Linwood on March 27th (F.H.H.), and at Petersfield on April 5th (W.F.W.). Numerous around Petersfield in 1944 (W.F.W. and A.E.H.). On May 28th one was seen chasing a Sparrow Hawk from a hedge at Petersfield (W.F.W.). First at Mudeford on April 2nd; last on September 15th (C.P.). Last seen at Emsworth on September 17th (P.E.B.).
- Wood Warbler** (*Phylloscopus sibilatrix* Bechst.).—One seen at Linwood on May 10th (F.H.H.). One at Mudeford on May 1st (C.P.). Last seen at Emsworth on August 13th. One bird in coastal thorn bushes (P.E.B.).
- Grasshopper Warbler** (*Locustella naevia naevia* Bodd.).—One seen Linwood on June 26th (F.H.H.).

- Reed Warbler** (*Acrocephalus scirpaceus scirpaceus* Herm.).—One with three day-old young on Stanpit Marsh on July 7th (E.C.). First at Mudeford on May 6th; last on August 26th (C.P.).
- Sedge Warbler** (*Acrocephalus schoenobaenus* L.).—Much less plentiful than usual around Andover and by the River Test (W.A.P.). First at Mudeford on April 18th; last on September 7th (C.P.). Last seen at Emsworth on September 3rd (juvenile) (P.E.B.).
- Garden Warbler** (*Sylvia borin* Bodd.).—First at Linwood on April 23rd (H.L.). First at Mudeford on May 18th (C.P.).
- Blackcap** (*Sylvia atricapilla atricapilla* L.).—First at Dean on March 2nd (W.A.P.). First at Mudeford on April 15th (C.P.). First seen at Baughurst on April 8th—cock in good song (P.E.B.).
- Whitethroat** (*Sylvia communis communis* Lath.).—Numbers were seen near Ringwood on April 24th (F.H.H.). First at Mudeford on April 14th; last on September 24th (C.P.). Last seen at Baughurst on September 21st (P.E.B.).
- Lesser Whitethroat** (*Sylvia curruca curruca* L.).—First heard near Linwood on April 23rd (F.H.H.), and near Sway on April 29th (E.C.).
- Fieldfare** (*Turdus pilaris* L.).—A large flight was seen near Dean on October 4th (W.A.P.). Flocks of Fieldfares and Redwings around Linwood in late January (H.L.), and again on November 9th (F.H.H.). Fieldfares were seen flying high south-west over Ampfield on November 7th (H.T.W.). A flock arrived in fields near Whitsbury during January (C.W.A.). A flock of 23 seen at Ewhurst Park, Ramsdell, on April 14th and a flock of 48 at Tangier Park, Oakley. Two flocks of 24 and 11 birds seen at Baughurst on October 29th. Larger flocks arrived in that locality in November (P.E.B.).
- Mistle Thrush** (*Turdus viscivorus viscivorus* L.).—None seen around Mudeford in Autumn (C.P.).
- Redwing** (*Turdus musicus musicus* L.).—One rendered tame by hunger during a severe frost at Petersfield on January 29th and subsequent days (W.F.W.). Considerable numbers at Linwood on November 9th (F.H.H.). A large flight at Dean on November 4th (W.A.P.). Flocks around Linwood in late January, and again on October 24th (H.L.). Great mortality among Redwings around Mudeford in severe frost in late January; very few seen there in autumn (C.P.). First seen at Baughurst on November 16th, a flock of 71 birds (P.E.B.).
- Ring Ouzel** (*Turdus torquatus torquatus* L.).—A male and female were seen in a flock of Fieldfares at Dean on March 22nd (W.A.P.). One seen at Emsworth on September 4th (P.E.B.).
- Blackbird** (*Turdus merula merula* L.).—At about 7.45 a.m. on September 18th, at Wickham, about 12-20 Blackbirds alighted in a cherry tree on a lawn and remained for about 10 minutes, when they flew away together. This appears to be evidence of migration (A.A.). Sub-song was heard at Petersfield on February 24th, and full song on February 11th. Song was again heard on October 28th (W.F.W.). First song at Mudeford on February 4th (C.P.).
- Wheatear** (*Oenanthe oenanthe oenanthe* L.).—First seen at Linwood on March 18th (H.L.) and at Mudeford on March 14th (C.P.). An immature bird in Broomy Walk, New Forest, on September 28th (R.W.). Last at Mudeford on October 3rd (C.P.). Noted on passage at Emsworth, August 2nd to mid-September, numbers small (P.E.B.).
- Greenland Wheatear** (*Oenanthe oenanthe leucorrhoa* Gm.).—One at Chilbolton on October 18th (W.A.P.). Three at Emsworth on October 6th (P.E.B.).
- Whinchat** (*Saxicola rubetra* L.).—First at Mudeford on April 25th, when four males were seen sitting on a wire fence (C.P.). One juvenile at Emsworth on August 29th and two on September 6th (P.E.B.).

- Stonechat** (*Saxicola torquata maura* Pall.).—A heavy mortality among Stonechats at Mudeford during the frosts of late January (C.P.). Several near Fritham, also in Broomy Walk, New Forest, on September 28th (R.W.).
- Black Redstart** (*Phoenicurus ochrurus gibraltariensis* Gm.).—A female was seen at Southbourne on October 29th, when it was noticed busily hawking flies from the roof of a house (C.P.). In *B.B.*, Vol. XXXIX, pp. 207-211, a summary is given of the Report of the Black Redstart Inquiry for 1945. Records of four nests in South Hampshire are given, viz., one at Bartley, near Cadnam; one in Portsmouth, and two in Southampton.
- Nightingale** (*Luscinia megarhyncha megarhyncha* Brehm.).—First heard at Petersfield on April 12th (W.F.W.). The first was reported from Highcliffe on the same date (C.P.). First at Mudeford on April 26th (C.P.). First heard at Herriard on April 11th; also one in coast thorns at Emsworth on August 31st (P.E.B.).
- Dipper** (*Cinclus cinclus gularis* Lath.).—A pair at Longparish on January 15th (W.A.P.).
- Swallow** (*Hirundo rustica rustica* L.).—First at Mudeford on April 3rd; last on October 28th (C.P.). First seen at Dean on April 10th (W.A.P.). At Petersfield on April 11th (W.F.W.); Linwood on April 8th (F.H.H.), and at Ampfield on April 20th (H.T.W.). Fair numbers on migration at Mudeford on October 17th (C.P.). First seen at Hannington on April 12th. A few birds noted on passage at Emsworth during August, but most during first two weeks of September. Flock of 230 hawking over marshes there on September 7th and 190 on the 15th (P.E.B.).
- House Martin** (*Delichon urbica arctica* L.).—First at Petersfield on April 13th (W.F.W.); at Linwood on April 12th (F.H.H.), and at Andover on April 6th (W.A.P.). A flock of about 50 was seen at Andover on April 6th and then no more for some days (W.A.P.). At Petersfield a flock of about 40 appeared on May 3rd. Three to four hundred were there on September 4th (A.E.H.). First at Mudeford on April 24th; last on October 29th (C.P.). Seen at Baughurst on September 20th; also a flock of 260 on September 22nd at Ashford Hill, Kingsclere (P.E.B.).
- Sand Martin** (*Riparia riparia riparia* L.).—At Rockford on April 6th (F.H.H.). First at Mudeford on April 2nd; last on September 23rd (C.P.). Two were last seen at Baughurst on September 27th (P.E.B.).
- Swift** (*Apus apus apus* L.).—First at Mudeford on April 28th; last on September 11th (C.P.). First at Ringwood on April 25th (R.W.); none were seen at Ampfield after August 11th (H.T.W.); first at Linwood on May 5th (H.L.). Large numbers were seen at Petersfield during first week of May. At Petersfield a pair occupied a House Sparrow's nest under the eaves of a house. On July 9th a fully-fledged young bird fell out of the nest to the ground but was able to fly away when thrown into the air. This also happened to a second young bird on July 11th (W.F.W.). Last seen at Emsworth on September 7th (P.E.B.).
- Nightjar** (*Caprimulgus europaeus europaeus* L.).—First heard at Linwood on May 8th (H.L.). One was seen in Milkham Inclosure, New Forest, on May 6th (C.W.A.).
- Kingfisher** (*Alcedo atthis ispida* L.).—Seen on several occasions by Petersfield Heath Lake during December (A.E.H. and W.F.W.).
- Great Spotted Woodpecker** (*Dryobates major anglicus* Hart.).—On February 18th one was seen in a garden at Sway, where one nested in 1942 (E.C.).
- Lesser Spotted Woodpecker** (*Dryobates minor comminutus* Hart.).—Recorded on a garden at Sway on February 18th, September 30th and October 29th (E.C.). Also several records for Boscombe in January (C.P.).
- Wryneck** (*Jynx torquilla torquilla* L.).—One was heard near Linwood on July 2nd (H.L.). At Weyhill one was seen on an old apple tree in a garden on September 9th, the first recorded personally in this neighbourhood for 45 years (P.F.). One was watched on autumn migration on Avon Beach, Mudeford, on September 19th (C.P.). One bird in coastal thorns at Emsworth on August 30th (P.E.B.).

Cuckoo (*Cuculus canorus canorus* L.).—First at Mudeford on April 15th (C.P.). First at Bullington on April 11th; at Dean on April 14th (W.A.P.). At Petersfield on April 7th (W.F.W.); at Linwood on April 13th (H.L.), and at Ampfield on April 16th (H.T.W.). The latest song was heard at Andover and at Petersfield on June 24th (W.A.P. and W.F.W.). A young Cuckoo left a Hedge Sparrow's nest at Petersfield about July 13th (W.F.W.). Commoner than usual around Andover this year (W.A.P.). On May 28th, near Mudeford, a female was seen to swallow an egg, apparently a Hedge Sparrow's, whole and with difficulty (C.P.). First seen at Baughurst on April 12th (P.E.B.).

Short-eared Owl (*Asio flammeus flammeus* Pontopp.).—On December 2nd a pair of Ravens were watched apparently mobbing a Short-eared Owl that was circling above them over Stanpit Marshes. From the shape of its wings and its flight this species could be clearly identified (C.P.).

Barn Owl (*Tyto alba alba* Scop.).—One found dead under a caravan at Fritham during a hard frost in winter (H.G.P.).

Hobby (*Falco subbuteo subbuteo* L.).—One near Dean on March 24th (W.A.P.). Two near Linwood on August 30th (H.L.). One was seen flying over Winchester on June 7th (S.J.T.).

Merlin (*Falco columbarius aesalon* Tunst.).—Male seen on saltings near Emsworth on September 7th, and again on 15th (P.E.B.).

Buzzard (*Buteo buteo buteo* L.).—A nest with one young near Dean on July 4th (W.A.P.); one in the central New Forest on September 28th (R.W.). Seen occasionally over Fritham (H.G.P.). One was seen over Mudeford on October 8th (C.P.).

Marsh Harrier (*Circus aeruginosus aeruginosus* L.).—A female was seen flying in the New Forest on August 28th. Although it flew low, visibility was very good, and the rich brown and cream markings were easily observed (C.P.).

Montagu's Harrier (*Circus pygargus* L.).—One seen near Linwood on April 5th (F.H.H.).

Sparrow Hawk (*Accipiter nisus nisus* L.).—An adult female chasing a Thrush at Whitechurch on December 24th struck a window; both birds were killed but the window was not broken (W.A.P.). A Sparrow Hawk came frequently to a garden at Petersfield on June 13th, and was seen to catch a Chaffinch (W.F.W.). A nest with four nestling young was found near Sway on July 7th (E.C.). A male was found in a garden shed at Ampfield on September 24th (H.T.W.).

Bittern (*Botaurus stellaris stellaris* L.).—One at Longparish on February 3rd (W.A.P.).

Mute Swan (*Cygnus olor* Gm.).—One of a resident pair at Petersfield Heath Lake died on May 29th, apparently of grief, several weeks after its mate was killed by an Army lorry (A.E.H.).

Goose (sp. unidentified).—A skein of over 60 was seen flying due south over Mudeford in January, too high for identification. On the same afternoon about 29 were seen flying N.W. (C.P.). A skein of about 25 was seen flying N.W. near New Milton on February 24th (C.P.).

Dark-breasted Brent Goose (*Branta bernicla bernicla* L.).—About eight Dark-breasted Brent Geese passed over Mudeford on January 23rd flying out to sea (C.P.).

Canada Goose (*Branta canadensis canadensis* L.).—On October 2nd, 28 were seen on Petersfield Heath Lake in the morning (W.F.H. and A.E.H.). A.E.H. also saw smaller numbers on other occasions and notes that these geese were more numerous there than usual.

Sheld-Duck (*Tadorna tadorna* L.).—Twenty-three at Stanpit Marsh on May 21st and one juvenile there on September 6th (E.C.). At least one pair bred in the Mudeford district (C.P.).

Ruddy Sheld-Duck (*Casarca ferruginea* Pall.).—One was seen on the River Test at Chilbolton in October, probably an escape (W.A.P.).

- Mallard** (*Anas platyrhynchos platyrhynchos* L.).—Mallard were in pairs on the Avon below Ringwood on November 21st (R.W.).
- Teal** (*Anas crecca crecca* L.).—Several pairs nested on the River Test in 1945 (W.A.P.). Some flew over Linwood on April 5th (H.L.).
- Widgeon** (*Anas penelope* L.).—Several were seen on the River Test near Longparish and Chilbolton in December (W.A.P.).
- Shoveler** (*Spatula clypeata* L.).—A pair at Longparish on April 7th (W.A.P.).
- Tufted Duck** (*Aythya fuligula* L.).—Pair on Petersfield Heath Lake on December 7th (W.F.W.); also reported there on another occasion in December (A.E.H.). Three males on Bishop's Waltham Pond on March 7th (A.A.).
- Cormorant** (*Phalacrocorax carbo carbo* L.).—Very common around the coast in the Emsworth area. On October 7th, on mud-flats and pylons, 99 were counted at one time (P.E.B.).
- Southern Cormorant** (*Phalacrocorax carbo sinensis* Shaw and Nodder).—A Cormorant shot at Hengistbury Head in June 1945 was of this race and was ringed as young at Meetkerke, near Ostend, Belgium, on September 19th, 1939. It is interesting to recall that it was a specimen from Christchurch which first put this sub-species on the British list. This specimen was discovered in the B.M. collection with the date 1873 and was certified in 1930 (C.P.).
- Gannet** (*Sula bassana* L.).—One was seen flying out to sea from Mudeford on July 20th (C.P.).
- Great-Crested Grebe** (*Podiceps cristatus cristatus* L.).—One seen on Petersfield Heath Lake on May 9th (W.F.W.).
- Little Grebe** (*Podiceps ruficollis ruficollis* Pall.).—Abnormal numbers on the River Test in December (W.A.P.). Seventeen on Stanpit Marsh on October 17th, and 14 on October 19th (E.C.).
- Great Northern Diver** (*Colymbus immer* Brünn).—A female was seen on the River Stour near Christchurch on March 13th (C.P.).
- Red-throated Diver** (*Colymbus stellatus* Pontopp.).—Three on Stanpit Marsh on January 16th (W.B.W.).
- Wood Pigeon** (*Columba palumbus palumbus* L.).—First song at Mudeford on March 14th (C.P.).
- Stock Dove** (*Columba aenas* L.).—Ten seen flying around Linwood on February 13th (H.L.).
- Turtle Dove** (*Streptopelia turtur turtur* L.).—First at Mudeford on May 14th; last on September 30th (C.P.). First at Chilbolton on April 26th; first at Hinton Admiral on April 28th (E.C.), and at Linwood on April 21st (F.H.H.). The last of the year was seen at New Milton on August 17th (E.C.). One bird of a nesting pair remained in the Baughurst area until September 21st (P.E.B.).
- Bar-tailed Godwit** (*Limosa lapponica lapponica* L.).—One on Stanpit Marsh on September 6th (E.C.). C.P. reports this species on Stanpit Marsh as follows:—1 summer plumage, April 24th; 2 winter plumage, May 6th; 2, June 3rd; 2, Sept. 2nd; also 4 at Mudeford on September 7th (C.P.).
- Black-tailed Godwit** (*Limosa limosa limosa* L.).—One on Stanpit Marsh on September 6th (E.C.). Two at Stanpit Marshes on September 2nd, and one on December 2nd (C.P.). Recorded in small numbers at Emsworth during late July and throughout August—maximum was 24 on August 4th (P.E.B.).
- Common Curlew** (*Numenius arquata arquata* L.).—More than usual were present on Stanpit Marshes on May 6th (C.P.).
- Whimbrel** (*Numenius phaeopus phaeopus* L.).—At least two, and possibly six, on Stanpit Marsh on April 30th; also one on September 6th (E.C.). A group of 16-18 at Mudeford on May 5th, and several on Stanpit Marshes on May 6th (C.P.). A party of 18 at Emsworth on September 30th, also one seen among Curlews on October 7th (P.E.B.).

- Woodcock** (*Scolopax rusticola* L.).—One riding near Dean on February 2nd ; young were found near Dean on March 28th (W.A.P.). Three flying over Linwood on May 15th (F.H.H.).
- Common Snipe** (*Capella gallinago* L.).—One drumming near Dean on February 8th. Half-grown young at Chilbolton on April 21st (W.A.P.).
- Turnstone** (*Arenaria interpres interpres* L.).—One at Stanpit Marshes on June 3rd, and two there on July 29th (C.P.).
- Knot** (*Calidris canutus canutus* L.).—One adult male in breeding plumage at Emsworth on July 31st (P.E.B.).
- Dunlin** (*Calidris alpina schintyii* Brehm.).—About 40 on Stanpit Marsh on April 28th and 30th, also on May 21st and about 50 on September 6th ; four on October 17th (E.C.).
- Purple Sandpiper** (*Calidris maritima maritima* Brünn.).—Single bird was seen on Ports Creek, Portsmouth, in February 1944 (D.J.G.).
- Sanderling** (*Crocethia alba* Pall.).—About six on Stanpit Marsh on May 21st (E.C.).
- Common Sandpiper** (*Actitis hypoleucos* L.).—First seen near Mudeford on April 12th (C.P.). Passage birds were noted from end of July until October 1st at Emsworth, mostly during last two weeks of August (P.E.B.).
- Green Sandpiper** (*Tringa glareola* L.).—One at Emsworth on August 24th (P.E.B.).
- British Redshank** (*Tringa totanus britannica* Math.).—The usual four to six pairs bred near Chilbolton (W.A.P.). A few on Stanpit Marsh on September 6th (E.C.). Two pairs were frequently seen and heard by a stream on the Hants/Sussex border near Petersfield (W.F.W.). (Confirmatory evidence by A.E.H.).
- Greenshank** (*Tringa nebularia* Gunn.).—About six Greenshanks on Stanpit Marsh on September 6th (E.C.). Two on July 30th at Mudeford and some seen on several subsequent occasions to September 20th (C.P.). Six on September 30th and one on October 1st at Emsworth (P.E.B.).
- Ringed Plover** (*Charadrius hiaticula hiaticula* L.).—Two or three on Stanpit Marsh on May 21st ; about six there on September 6th ; five present on October 17th, and one on October 19th (E.C.). Very few birds were seen at Emsworth in August, increasing after mid-September (party of 50 on September 30th), but main numbers coming late in October (October 31st, 750). The increase continued regularly until the end of the year, a flock of 2,300 being counted on November 22nd and of 3,600 on December 19th (P.E.B.).
- Golden Plover** (*Pluvialis apricaria* L.).—A flock north of Andover on December 30th (W.A.P.). One on Stanpit Marsh on October 17th (E.C.). A party of 20 seen near the coast at Emsworth on October 27th ; also flock of 300 associating with Lapwings on November 5th, and two on November 21st (P.E.B.).
- Grey Plover** (*Squatarola squatarola* L.).—One on Stanpit Marsh on September 6th ; nine there on October 17th and 19th (E.C.) ; at the same place C.P. saw one on May 6th ; one on June 3rd ; one on June 23rd, and three on September 11th (C.P.).
- Lapwing** (*Vanellus vanellus* L.).—A large movement of Lapwings was noticed at Mudeford on November 22nd and 23rd. On November 22nd over 1,000 were present on mud-flats at low tide, and many small flocks were seen all day long in the air (C.P.). Small numbers on coastal marshes and saltings at Emsworth during August. First flock of over 100 birds at end of September. Increase in October (750 on October 31st) was followed by a slight but noticeable decrease first two weeks November. After the middle of the month there was a big influx, over 2,000 birds being counted in flocks on November 22nd and 24th. For the first two weeks in December numbers again decreased, flocks mostly well below 500 birds, but on 19th another influx occurred, a flock over 3,000 strong being counted on that day ; a flock of 2,300 on 22nd, and 2,800 on the 25th (P.E.B.).

Black-winged Stilt (*Himantopus himantopus himantopus* L.).—Several birds were present on the Beaulieu during May, four being reported together at one occasion. Two were seen by observer feeding in a little pond on May 17th (H.A.).

Avocet (*Recurvirostra avosetta*).—Two were seen on Keyhaven Marsh on May 9th (B.B., Vol. XXIX, p. 128).

Oyster-Catcher (*Haematopus ostralegus occidentalis* Neum.).—About 30 on Stanpit Marsh on April 30th; one there on October 17th and 19th (E.C.).

Stone Curlew (*Burhinus oediconemus oediconemus* L.).—The first was seen near Abbots Ann on April 8th (W.A.P.). Twelve on September 15th and eight on September 16th in a coast meadow at Ermsworth (P.E.B.).

Sandwich Tern (*Sterna sandvicensis sandvicensis* Lath.).—First seen near Mudeford on May 10th and last on October 8th (C.P.). Several at Mudeford on May 10th (C.P.).

Common Tern (*Sterna hirundo hirundo* L.).—A party of four was seen near Dean on December 15th (W.A.P.). First near Mudeford on May 2nd; last on September 17th (C.P.).

Little Tern (*Sterna albifrons albifrons* Pall.).—Five fishing on Stanpit Marsh on April 28th; three there on September 6th (E.C.). First near Mudeford on April 24th; last on September 17th (C.P.).

Black-headed Gull (*Larus ridibundus ridibundus* L.).—Between 50 and 60 fed regularly in a garden at Petersfield three times a day during January and February, with Jackdaws and Starlings, returning again in November (W.F.W.). A very large number, possibly 500, at Petersfield on December 25th during a period of gales (A.E.H.). A party of about 20, mostly with brown hoods, were following the plough near Fordingbridge on July 11th, an early date (R.W.). A brown-hooded bird was seen at Mudeford on January 15th (C.P.).

Lesser black-backed Gull (*Larus fuscus graellsii* Brehm.).—Three on Stanpit Marsh on October 17th, and 10 on October 19th (E.C.).

Water Rail (*Rallus aquaticus aquaticus* L.).—Very plentiful near the River Test near Longparish and is less timid here than usual (W.A.P.).

Coot (*Fulica atra atra* L.).—Abnormal numbers on the River Test in December (W.A.P.). More than 105 on Stanpit Marsh on October 17th, and many on October 19th (E.C.).

Quail (*Coturnix coturnix coturnix* L.).—One adult and two half-grown young at Longparish on November 8th (W.A.P.).

ESTUARINE BIRDS IN HAMPSHIRE.

By DAVID J. GUNSTON.

DURING most of the winter of 1943-44 I was interested to see a considerable increase both in the numbers and species of estuarine birds on the west side of Ports Creek, which separates Portsea Island from the mainland of Hampshire. This area was flanked in peacetime by an extensive bathing lido with a promenade, and since the neighbourhood has been closed to the general public during the war it has more or less reverted to its wild state. Although a main arterial road runs fairly close to the northern end of the salt marshes, few people go anywhere near the place and the birds have consequently thrived.

Most interesting was the appearance of a flock of six or seven Black-necked Grebes, which kept together in the main channel of the creek, spending most of their time diving. In normal times it was unusual to see even a few Dunlin, but now there are many hundreds on the banks of sedge and their smoke-like aerial evolutions have intrigued the eye of more than one passer-by on the busy bridge close by. Redshank, too, have increased enormously in the last year or so and are now very common indeed, although their proximity to human activities has not lessened their natural wariness. Further out on the marshes I have watched a flock of about two hundred widgeon. These duck, unheard of here until now, could be seen most days at the edge of the tide, and although single pairs did venture into view in the main channel occasionally, the bulk of the flock kept well away on the extreme shore of the salt marshes.

I have also noted with pleasure the increase of other birds, including many Lesser Black-backed Gulls, a single Purple Sandpiper I saw in February, several Cormorants, a Kestrel that spends much of its time on the edge of the creek, Peewits in considerable flocks, and a marked increase in the numbers of Common Gulls—all birds that were rarely, if ever seen in this area before the war.

INSECTS.

Lepidoptera (Butterflies).

- Swallow-Tail** (*Papilio machaon* L.).—A larva was found feeding on wild parsley in a hotel garden at Winton, Bournemouth, a few days before September 16th. It successfully pupated a day or two later (F.C.F.).
- Large White** (*Pieris brassicae* L.).—Large numbers around Sway in early autumn, being especially common on buddleia (E.C.). The first of the season was seen at Linwood on April 19th (H.L.). The last of the season was seen on Stanpit Marsh on October 17th (E.C.).
- Small White** (*Pieris rapae* L.).—The first of the season was seen at Linwood on April 10th (H.L.).
- Bath White** (*Pontia daphidice* L.).—Twenty-two Bath Whites were taken by F.C.F. at Bournemouth in August (F.H.H.).
- Orange Tip** (*Euchloe cardamines* L.).—The first was seen at Linwood on April 11th (H.L.).
- Clouded Yellow** (*Colias croceus* Fourcroy).—One was seen at Sway on August 19th (E.C.).
- Brimstone** (*Gonepteryx rhamni* L.).—The first seen at Linwood on February 14th (F.H.H.).
- Pearl-bordered Fritillary** (*Argynnis euphrosyne* L.).—One was seen flying near Damerham on April 27th (C.W.A.).
- Comma** (*Polygonia c-album* L.).—One at Sway on July 22nd; not at all uncommon there in autumn, the last being seen on October 10th (E.C.). Several were seen at Linwood on March 22nd (F.H.H.). Fifteen were counted on Michaelmas daisies at Linwood on October 2nd (H.L.).
- Small Tortoiseshell** (*Aglais urticae* L.).—Much less numerous than Peacocks and Red Admirals around Sway in autumn; the last was seen on October 15th (E.C.).
- Peacock** (*Nymphalis io* L.).—Very large numbers around Sway in autumn, especially on buddleia (E.C.). The first was seen at Linwood on March 21st (H.L.).
- Red Admiral** (*Vanessa atalanta* L.).—As for Peacock in the Sway district. The last was seen on October 29th (E.C.).
- Painted Lady** (*Vanessa cardui* L.).—One at Linwood on May 14th (H.L.). A perfect specimen at Shawford on May 16th (H.P.F.). Two at Sway on September 16th, and one as late as October 10th (E.C.).
- White Admiral** (*Limenitis camilla* L.).—One at Linwood on June 21st (H.L.).
- Grayling** (*Eumenes semele* L.).—Large numbers of Graylings, many of them mating, were seen on the downs between the Needles and the Tennyson Monument, I.O.W., on August 13th (E.C.).
- Purple Hairstreak** (*Thecla quercus* L.).—First at Linwood on July 2nd (H.L.).
- Green Hairstreak** (*Callophrys rubi* L.).—One at Linwood on May 12th (F.H.H.).
- Small Copper** (*Lycaena phlaeas* L.).—The first was seen near Linwood on May 27th (F.H.H.); and the last on Stanpit Marsh on October 17th (E.C.).
- Chalk-Hill Blue** (*Lysandra coridon* Poda.).—Vast numbers of this species many of them mating, were observed on the downs between the Needles and the Tennyson Monument, I.O.W., on August 13th (E.C.).
- Holly Blue** (*Celastrina argiolus* L.).—Specimens were seen near Linwood on April 10th (H.L.) and April 12th (F.H.H.); males were seen at Sway on July 12th and 23rd (E.C.).
- Long-tailed Blue** (*Cosmotyche boeticus* L.).—One flew in at a window at Bournemouth, and was captured, in September (F.C.F.).
- Grizzled Skipper** (*Pyrgus malvae* L.).—One at Linwood on April 22nd (F.H.H.).

Lepidoptera (Moths).

- Humming-bird Hawk Moth** (*Macroglossa stellatarum*).—The latest was seen at Sway on October 10th (E.C.).
- Broad-bordered Bee Hawk Moth** (*Hemaris fuciformis*).—One was seen flying over rhododendrons near Linwood on April 27th (F.H.H.).
- Alder Kitten** (*Cerura bicuspis*).—Four empty pupa cases and one full cocoon on a white poplar near Bournemouth in September (F.C.F.).
- Oak Eggar** (*Lasiocampa quercus*).—A female at Sway on August 10th (E.C.).
- Drinker** (*Cosmotriche potatoaria*).—Specimens at light at Sway on July 24th and 28th and August 11th (E.C.).
- Ruby Tiger** (*Phragmatobia fuliginosa*).—One at Sway on August 11th (E.C.).
- Copper Underwing** (*Amphipyra pyramidea*).—First seen at Sway on July 22nd (E.C.).
- Red Chestnut** (*Pachnobia rubricoa*).—Numbers on sallows near Fordingbridge on nights on March 16th and 17th (C.W.A.).
The same applies to the **Blossom Underwing** (*Taeniacampa miniosa*), **Small Quaker** (*T. pulverulenta*), **Common Quaker** (*T. stabilis*), **Twin-spotted Quaker** (*T. munda*), **Chestnut** (*Orrhodia vaccinii*) and **Satellite** (*Eupsila satellitia*).
- Beaded Chestnut** (*Amathes lychnidis*).—*Ab. ferrea*, Haworth, recorded at Sway on October 9th (E.C.).
- Early Grey** (*Xylocampa areola*).—A specimen was found indoors at Linwood on March 3rd (F.H.).
- Red-tipped Clearwing** (*Sesia formicaeformis*).—Many recorded at Linwood in 1945 (F.H.H.).

The following species were also recorded at Linwood during the year :—**Beautiful Yellow Underwing** (*Anarta myrtilli*), **Marbled White Spot** (*Lithacodia fasciana*), **Birch Mocha** (*Ephyra pendularia*), **The Tissue** (*Triphosa dubitata*), **Autumn Green Carpet** (*Cidaria miata*).

OBITUARY.

Frederick Haselfoot Haines.

AN APPRECIATION.

The death of F. H. Haines has robbed the Hampshire Field Club and Archaeological Society of another very prominent member. He died on 21st March, 1946. He was born on 19th February, 1864, in London and matriculated at the University of London in 1882, and went to the University College Hospital for his medical training, taking his M.R.C.S. (London) and L.R.C.P. (London) in 1889, followed by the D.Ph. in 1899.

In 1896 he married Eva Mary Fenn, a daughter of George Manvill Fenn, and had four children—one son and three daughters—all of whom survive him. Haines started his medical work at Brentford, Middlesex and subsequently proceeded to Winfrith, Dorset, where he lived for twenty-five years until he gave up medical practice. He had joined the Dorset Field Club and was Secretary of the Natural History Sub-Committee and also a Trustee of the Mansell-Pleydell and Cecil Medal Funds; he won the former medal in 1922 with a paper on "The Distribution of any one Order of Insects in Dorset, with suggestions as to the limiting causes" (printed in *Proceedings* of this Society, Vol. 43, pp. 65-107).

After leaving Dorset Haines settled down in the New Forest at Linwood and he devoted most of his time to scientific work. He joined the Hampshire Field Club and took a great and enthusiastic interest in its activities, and for many years he contributed to the Biological Report on Ornithology, Entomology and General Natural History. In recognition of his work he was elected a Vice-President of the Club. Haines was also a member of the Suffolk Natural History Society and also of the Society for British Entomology.

Quite apart from his scientific work Haines was a great animal lover and a generous supporter of many humanitarian societies. He was President of the Bournemouth Branch of the British Union for the Abolition of Vivisection. His very wide interests were not confined to Natural History, but included Literature, Art and Archaeology. Such a man as I have described will be sorely missed, and, personally, he will be a great loss to me, as he was always willing to help in any problem that arose and which I referred to him for his views.

H. PUREFOY FITZGERALD.

REPORT OF THE PHOTOGRAPHIC SECTION FOR THE YEAR 1945.

The Committee has pleasure in reporting an outstanding event in 1945: By the kindness of the Winchester City Council, a room at the Public Library in Jewry Street has been placed at the disposal of the Hants Field Club, for its sole use free of expense, for the storage and display of the photographic collection and for meetings. Access to the collection by members of the public for the purpose of study is granted at the discretion of the City Librarian, Mr. F. W. C. Pepper, F.L.A., who is taking a keen interest in it. Ever since its inception the Committee has desired such accommodation and wishes to place on record its gratitude to the City Council, and especially to the Library Committee, for its generosity.

The Courtauld Institute of Art, which has stored our negatives up to the present, has now, with the consent of the donors or owners, handed over all photographs of Britain "on permanent loan" to the National Buildings Record. Our negatives are now in the charge of this important body, the Hants Field Club being one of its Local Committees. The same facilities accorded us by the Courtauld Institute are in operation.

On October 9th, 1945, Mr. John Summerson, Deputy Director of the National Buildings Record and Curator of the Sir John Soane Museum, at the invitation of the Society, gave a lecture at the Guildhall, Winchester, on "Architectural Photography in War and Peace." The lecture was attended by many people, including some concerned with Town and Country Planning, and was much appreciated. Many lantern slides were shown, including some from the Hants Field Club's collection.

The Section has sustained a great loss in the death of Mr. E. S. McEuen, J.P., F.S.A., who was an enthusiastic and much valued contributor from the first meeting of the Section in 1936 until his death.

A small number of photographs has been received during the year, war and post-war conditions having made large-scale photography difficult. The collection now numbers 8,500 photographs.

It is hoped that the Committee of the Section may be able to meet again shortly and make plans for a new effort to enlarge the record.

As the collection becomes better known it is beginning to be made use of by various authorities concerned with Town and Country Planning, the preservation of ancient buildings, etc., but up to the present little use is being made of it from an educational point of view.

C. J. P. CAVE, *Chairman.*

ARTHUR R. GREEN,	} <i>Joint Hon.</i>
P. M. GREEN,	
	<i>Secretaries.</i>

FIELD MEETINGS IN 1945.

Though shortage of petrol prevented a full use of the roads, nine meetings were arranged, and the attendances of members were large.

Hamble and Hound.

The first Field Meeting was held on Tuesday, May 15th, at Hamble and Hound Churches. Dr. A. R. Green, F.S.A., the Director for the day, read a carefully prepared paper on the church at Hamble. He pointed out a number of features which are unsolved architectural puzzles, and drew attention to the excavations which were being made on behalf of the Society with a view to establishing the site of former conventual buildings, if any. The priory church of St. Andrew is now the parish church, being originally two churches of equal length; the chancel was the church of the monks of the alien priory of Tiron, south-west of Chartres, while the nave served as the parish church. Excavation at a similar priory at Andwell, near Up Nately, showed that the priory there possessed monastic buildings. Hamble Priory was founded in A.D. 1109, and the Charter granted by Bishop Giffard is preserved at Winchester College, as the priory was purchased by William of Wykeham for the endowment of his Colleges. Dr. Green dealt with the interesting architectural features of the church and its ten exterior openings, some of them now inexplicable.

The party afterwards proceeded to Hound, a normal example of a small village church. Tradition stated that it had been built by the monks of Hamble about A.D. 1230. The most interesting architectural feature was the chancel arch, which was a perfect example of the Early English style, as shown by the capitals and pediments.

A Visit to Alton.

Some thirty members assembled at Alton on Monday, June 4th, when Mr. W. H. Curtis, F.S.A., was the Director for the day. A visit was first paid to Westbrook House, now the offices of the Urban District Council. Mr. Curtis explained that the house was traditionally on the site of the much earlier Manor of Alton Westbrook. The fine oak staircase (c. A.D. 1720) was admired, and the frieze running round the entrance hall was believed to have come from the former manor house at Hartley Mauditt, which belonged to Sir Simeon Stewart. In a mound in the grounds were found Roman pottery, some earlier bronze brooches, and an Egyptian scarab of the 6th or 7th century. Displayed in the Council Chamber were paintings, drawings and furniture bequeathed by William Herbert Allen, for 40 years art master at Farnham.

Lansdowne House was visited by the kindness of Dr. and Mrs. Payne, and the Adam fireplace in the panelled dining room was examined with interest; it has an intricate design carried out in pewter on the stained wood. The exterior of the house is probably the finest of its kind in Hampshire.

The party then visited the Curtis Museum under the guidance of the Director and his co-curator, Mr. S. A. Warner, M.C., M.A. It is notable for its "Bygoness" section, and for glass, pottery and an agricultural collection, and has taken a leading place among museums in the County.

Meeting at Winchester.

A Meeting of unusual interest was held on Tuesday, June 19th. First, a visit was paid to the Priory Stables that run in a northerly direction from Cheyney Court, in the Cathedral Close. Mr. W. J. Carpenter Turner, A.R.I.B.A., pointed out that the building was originally timber framed, and the brickwork was a later introduction. He was doubtful whether the range was originally

built as a stable, but the Parliamentary Survey of 1649 showed that it was then so used by six prebendaries. The timber structure, he said, showed every indication that this was a prefabricated building, probably fashioned in winter under cover, and then put up truss by truss.

Mr. F. Warren, F.S.A., pointed out to the members the historical details of St. Swithun's on Kingsgate, and remarked that the former East Gate and North Gate also had churches built over them.

By the invitation of the Warden, the Rt. Hon. H. T. Baker, P.C., the members then visited the College, and were welcomed by the Warden in the Library. Mr. J. M. G. Blakiston had organised a display of treasures, including the Foundation Charter of College, the Statutes of 1400 A.D., and numerous MSS. and early specimens of printing and bookbinding, including the MS. of Malory's "History of Prince Arthur" discovered by Mr. Oakeshott in 1934, and first folios of Ben Jonson and Shakespeare. Finally, in Hall, selected pieces of the College plate were displayed, and described by the Warden. The oldest piece shown was Election Cup, c. 1520, with the lid a Tudor crown, the gift of Warden White.

Meeting at Southampton.

Under the guidance of Mr. O. G. S. Crawford, B.A., F.S.A., the members on Monday, June 25th, spent an interesting afternoon at Southampton and Bitterne Manor. A brief visit was first paid to the little known Old Farm House Inn in Mount Pleasant Road, Bevois Valley. There is an oak-panelled room with a finely carved chimney piece, unfortunately covered with modern paint. It was apparently built in 1611, according to the date which appears in blue brickwork headers, flanked by the initials "E.R." The brickwork bearing the date has obviously been re-set, and the writer suggests that in the process the date has been blundered, from 1601 to 1611. If that is so, the "E.R." may well stand for "Elizabeth Regina." Mr. Crawford told how the house was the successor of an earlier 12th century house which was the Grange of St. Denys Priory. The sea originally came right up to the premises.

The party then moved to Bitterne Manor, the site of Roman Clausentum. The visit was tinged with sadness and regret, as the house is now almost a ruin through enemy bombing. Mr. Harold Mattingley, M.A., Assistant Keeper of Coins and Medals in the British Museum, spoke of the Roman admiral Carausius who rebelled and was afterwards recognised as joint Emperor with Diocletian and Maximianus. He spoke of coins of Carausius with the mint-mark C L, which there was reason to think stood for Clausentum, and not for Camulodunum (Colchester). If Stukeley was right when he quoted a coin with C L A on it, that would clinch the matter.

Mr. Crawford read a paper on Bitterne Manor, saying that through history down to the 17th century piracy was the besetting sin of that part of the world. Many Mayors of Southampton ran piracy as a side line. The history of the manor of Bitterne could be taken back to A.D. 1045, though it was not mentioned in Domesday. The Great House, mentioned in the Pipe Rolls of 1207-8, still survived, and the explosion of bombs during the war had revealed a lancet window in the south wall, of the 13th century. The house had been inhabited continuously for 750 years. As a long term plan he suggested the preservation of the site, and the excavation of the walled Roman settlement, in the garden, possibly the earliest base of the British Navy. He put forward the plan for the consideration of the owner, the Corporation and citizens of Southampton, and the members of the Hants Field Club, perhaps all acting in concert.

Botanical Meeting near Greywell.

A Botanical Meeting was held in the neighbourhood of Greywell on Monday, July 2nd, with the Rev. N. E. G. Cruttwell, B.A., as Director. A report appears on pages 290-2.

Visit to Stratfieldsaye.

By invitation of the Duke of Wellington, F.R.I.B.A., F.S.A., some 40 members of the Club paid a visit to Stratfieldsaye House, the seat of the Dukes of Wellington, on Tuesday, July 31st. Assembling outside the main entrance, the Duke first explained with diagrams the architectural features of the house, the central portion of which goes back to the time of Sir William Pitt in the days of Charles I. It was built of red brick, but about the year 1750 it was re-roofed and a coating of stucco was applied. The two outer gables of the main front were added at the same time, and an upper storey for these wings was afterwards built.

The members present divided into two parties, and the Duke, who was surveyor of H.M. The King's works of art before he succeeded to the dukedom, showed and explained the features of the house. The Roman legionary eagle from Silchester, which is unique in this country, was an object of great interest. The house and its furnishings have been little altered since its occupation by the First Duke. Family portraits, illuminated MSS., drawings, snuff boxes, and choice bindings were examined in turn.

The thanks of the members to the Duke for his great kindness were expressed by the President.

Geology at Burghclere.

Mr. D. G. Titcomb, F.G.S., the Club's Geological Subject Secretary, arranged a Geological Meeting for Saturday, September 22nd, in the Burghclere area. From the G.W.R. Station the Director led the way to Scouse's Corner, on the main Winchester—Newbury Road. The sections exposed by a recent re-grading of the road were the Upper Cretaceous strata of the Chert beds of the Upper Greensand, which were almost horizontal, and were exposed by the denudation of the chalk. Then the Lower Chalk was visible dipping to the north at 21 degrees. Next the Middle Chalk was visible, followed by the Upper Chalk, seen in Whitway chalk pit. It was interesting to note that a geological fault had led to the superimposing of the lower Reading beds of the Eocene strata over the chalk beyond this point. Hence the boring for a well at the Carnarvon Arms had to be abandoned at 502 feet depth without reaching the water-bearing chalk. The Director showed a number of fossils typical of the various strata, and the afternoon was an interesting one.

Georgian Houses at Farnham.

With Dr. J. H. Gibson as Director, some fifty members visited Farnham on Wednesday, September 5th. A visit was first paid to Farnham Grange, the home of Major-General Sir Edward Perceval. Built on the site of the old stables and home farm of Farnham Castle, the Grange is one of the finest examples of a Georgian country house in the kingdom. The staircase, one of six in Farnham, is of an unusual design of the later Queen Anne period, with carvings on the sides of the treads; it is believed that they are not of local workmanship, but were made elsewhere and taken to Farnham in the prefabricated manner.

After picnic lunch, the party assembled in the Council Chamber and were officially welcomed to the town by the Clerk (Mr. A. A. Minns). In the absence of the President, thanks to Mr. Borelli and the Farnham Council were expressed by Mr. F. Warren, F.S.A. Under the guidance of Mr. C. E. Borelli, who has done so much for the preservation of Georgian houses in Farnham, many of the more interesting houses were visited. It was fully realised that the prosperity of the town 200 years ago through the hop trade had left a rich architectural legacy to the present generation.

Fungus Foray at Chawton Park Wood.

A Fungus Foray was held on Tuesday, October 16th, at Chawton Park Wood, and a report appears on pages 292-3.

REPORT OF THE COUNCIL FOR 1945.

The Society enters upon its 61st year, and with the end of the World War can look forward to renewed activities and increased membership.

MEMBERSHIP.—At the last Annual Meeting a membership of 327 was recorded. Since that time there have been many applications to join the Club, and the number of members is now 363.

PERSONAL.—We welcome the return of Mr. J. P. Purvis, a former Hon. Treasurer of the Club, after experiences as a prisoner of war of the Japanese. It is an honour to the Club that one of its Honorary Members, Sir Cyril Fox, PH.D., F.S.A., has been elected as President of the Society of Antiquaries. His father, Mr. C. Fred Fox, F.S.A., of Bursledon, is one of our oldest members, and still takes a keen and active interest in the Club's doings.

OBITUARY.—Not long after the Annual Meeting in May, the Club suffered a heavy loss in the death of the Hon. Editor of its *Proceedings*, the Rev. W. J. Ferrar, M.A., formerly Rector of Over Wallop, who was living in retirement at Bournemouth. He was a scholar of Hertford College, Oxford, where he won the Newdigate Prize, and took a Second Class in Litt. Hum. After working in several parishes in London, he came to Over Wallop in 1934. He was a former Vice-President of the Club, and succeeded the Rev. F. N. Davis, M.A., B.LITT., as Editor of the Club's *Proceedings* in 1939. In addition to a small volume of verses on the Wallops, he was the author of "Sacred Poems" and a number of religious books. A distinguished former Editor of the Club's *Proceedings* who died in March, 1946, was Professor F. J. C. Hearnshaw, formerly of Southampton University College, the founder of the Southampton Record Society, and author of *The Court Leet Records of Southampton*. He held the post of Editor jointly with the late Rev. G. W. Minns, LL.B., F.S.A., from 1904 until 1910, when he went to the Chair of Modern History at Armstrong College. The biological section of the Club has suffered a heavy loss in the death on March 21st, 1946, of Dr. F. H. Haines, of Appleslade, Ringwood. For a number of years he had been Entomological and Ornithological Subject Secretary of the Club, and his carefully compiled and detailed reports had been a valued feature of the *Proceedings*. In this work his scientific training had stood him in good stead, and his place will be hard to fill. He was a Vice-President of the Club at the time of his death. In the death of Miss Spittal the Club has lost a member of its Council, who had done much useful and skilled work as a botanist, particularly in maintaining the flower table at the Winchester City Museum for a number of years. Another member of the Club's Council, who has passed on, was Col. J. B. L. Stilwell, J.P., a keen naturalist and sportsman, who attended many of the Club's Field Meetings.

COUNCIL FOR BRITISH ARCHAEOLOGY.—During the year Sir Richard Luce, F.S.A., and Mr. Stuart Piggott, F.S.A., attended the Annual Meeting in London when the Council was firmly established to take over the work of the former Archaeological Congress, with headquarters in London. The Hampshire Field Club as a County unit is prepared to take its part in and give its support to the future work of the National Council.

THE SOCIETY'S COLLECTION OF HAMPSHIRE PHOTOGRAPHS numbers some 8,000, and by the goodwill of the Winchester City Council is now housed in an upstairs room at the Winchester Public Library. The collection is available to members of the Club, and to other students, upon application to the City Librarian or his senior assistant. It is hoped that the use of this room may be developed as a Muniments Room for literary and other treasures which may be entrusted to the Club.

PUBLICATIONS.—During the year Part 2 of Volume XVI of the Club's *Proceedings* was prepared for publication by Mr. Brian Vesey-FitzGerald, F.L.S., Editor of *The Field*, who succeeded to the Editorship on the death of the Rev. W. J. Ferrar in May, 1945. Publication was delayed by staff difficulties in the printing trade, but the Part has now been issued and posted to members.

FIELD MEETINGS.—The programme of Field Meetings was again limited by the scarcity of petrol. Meetings were held at Hamble and Hound, Alton, Winchester, Stratfieldsaye Park, and Farnham, whilst a geological meeting was held near Burghclere, and a botanical meeting at Greywell, with a fungus foray at Chawton Park Wood.

An unusual feature of the year's programme were two lectures : on the National Architectural Record, by Mr. John Summerson, F.S.A., A.R.I.B.A. ; and by Mr. Peter Leicester, M.A., F.G.S., on " Geological Problems and Processes in prospecting for Oil," which dealt with an Empire problem.

THE FUTURE.—As already indicated, there has been a welcome influx of new members since the end of the war. The Research Committee looks forward to excavating the Pagan Saxon Cemetery at Worthy Park, by permission of the owners, so soon as the military have ceased to occupy the site. The excavation may well throw valuable light upon the West Saxon invasion and occupation of this part of the country, and upon the Dark Age after the departure of the Romans. A fuller programme of Field Meetings should also be possible now that motor coaches are again available, and petrol is not quite so scarce.

THE HAMPSHIRE FIELD CLUB AND ARCHAEOLOGICAL SOCIETY

FINANCIAL STATEMENT for the Year ended 31st December, 1946.

GENERAL ACCOUNT.

RECEIPTS.			£	s	d	£	s	d	PAYMENTS.			£	s	d	£	s	d
To	Balance per last Account	...	...	...	...	377	18	2	By	Subscriptions :-	...	...	...	...	...	...	...
"	45 Entrance Fees at 5s.	...	...	...	...	11	5	0		Council for British Archaeology	...	1	10	0			
"	154 Subscriptions, 1946 at 10s. 6d.	...	...	...	...	80	17	0		English Place-Name Society	...	15	0	0			
"	205 " 1946 at 15s. 0d.	...	...	...	...	153	15	0		Society for Protection of Ancient Buildings	...	1	1	0			
"	7 " 1945 at 10s. 6d.	...	...	...	...	3	13	6		Royal Society for Protection of Birds	...	1	1	0			
"	5 " 1945 at 15s. 0d.	...	...	...	...	3	15	0		Commons, Open Spaces and Footpaths Preservation Society	...	1	1	0			
"	2 " 1944 at 10s. 6d.	...	...	...	...	1	1	0		S.E. Union of Scientific Societies for 1945-46	...	15	0	0			
"	1 " 1944 at 15s. 0d.	...	...	...	...	15	0	0		Council for Promotion of Field Studies	...	10	0	0			
"	1 " 1943 at 10s. 6d.	...	...	...	...	10	6	0		" Hon. Secretaries' Expenses	...	...	...	...	6	13	0
"	1 " 1942 at 10s. 6d.	...	...	...	...	10	6	0		" Hon. Treasurer's Expenses	...	...	...	...	4	18	5
"	1 " 1941 at 10s. 6d.	...	...	...	...	10	6	0		" Printing, Stationery, Hire of Rooms and Miscellaneous Expenses	...	...	...	...	2	10	3
	(Subscriptions paid in advance not included)					245	8	0		" Cost of Field Meetings	...	...	...	...	38	7	10
"	Sale of <i>Proceedings</i>	...	...	...	...	1	4	9		" Audit Fee	...	...	...	...	2	2	0
"	Visitors' Fees	...	...	...	...	8	0	0		" Cost of <i>Proceedings</i> , Vol. XVI, Part 2 (for 1944-45)	...	...	...	...	166	19	8
"	Balance on Coach Fares	...	...	...	...	1	14	0		" Expenses of Lectures	...	...	...	...	6	16	5
"	Refund of Cost of Blocks for Illustrations in <i>Proceedings</i>	...	...	...	...	10	15	3		" Expenses of Photographic Section	...	...	...	...	2	7	0
										" Transferred to Excavation Fund	...	...	...	...	100	0	0
										" Balance to next Account	...	...	...	...	*304	9	9
						£656	5	2							£656	5	2

* This balance includes the cost of *Proceedings*, Vol XVI, Part 3, for 1945-46, now in the hands of the printers.

EXCAVATIONS FUND.

To Balance from last Account	...	...	...	£	s	d	By Balance to next Account	...	...	...	...	£	s	d
„ Transfer from General Fund	...	...	...	23	6	9						138	15	9
„ Donations	...	...	...	100	0	0								
				15	9	0								
				<u>£138</u>	<u>15</u>	<u>9</u>						<u>£138</u>	<u>15</u>	<u>9</u>

Balance, General Fund	...	...	...	...	£	s	d	Balance in Lloyds Current Account	...	£	s	d	£	s	d
Balance, Excavations Fund	...	...	...	...	304	9	9	Less Subscriptions received in advance	...	336	6	3			
					138	15	9		...	13	2	6			
													323	3	9
								Balance in Lloyds Deposit Account	...	...	...	23	6	9	
								Balance in Post Office Savings Bank	...	...	...	96	15	0	
					<u>£443</u>	<u>5</u>	<u>6</u>					<u>£443</u>	<u>5</u>	<u>6</u>	

C. BETTON ROBERTS,

Hon. Treasurer.

I hereby certify that I have examined the above Accounts with the Books and Vouchers of the Society and that they are in accordance therewith.

MARJORIE BICKFORD,

Certified Accountant.

PORTSMOUTH.

9th January, 1947.

I

HAMPSHIRE FIELD CLUB AND ARCHAEOLOGICAL SOCIETY 1946

President.

*O. G. S. CRAWFORD, B.A., F.B.A.

Vice-Presidents.

THE REV. CANON GOODMAN, B.D., F.S.A.
COMMANDER E. C. WREY, O.B.E., R.N.
REV. H. PUREFOY FITZGERALD, M.B.E., J.P., F.L.S.
GRIFFITHS, LT.-GEN. F. H., D.L., J.P.

Council.

Retire 1948.

GIBSON, DR. J. H.
ROBINS, E. A., P.-P.R.P.S., F.L.S.
CARPENTER-TURNER, W. J., A.R.I.B.A.
*MAGUIRE, E. J.
RITCHIE, K. J.
SIMPSON, J. W., M.A.

Retire 1949.

*COTTRILL, F., M.A.
*MILNER, THE REV. CANON, M.A.
*PAYN, LIEUT.-COLONEL W. A.
*PIGGOTT, PROF. STUART, B.LITT., F.S.A.
*WHITE, H. T., A.M.I.C.E.
WHITE, MRS. H. T.
WILLIS, G. W., J.P., F.S.A.

Retire 1950.

ATKINSON, T. D., F.R.I.B.A.
BAKER, THE RT. HON. H. T., P.C.
CHUTE, C. L., M.C., J.P.
CURTIS, W. H., F.S.A.
*GREEN, DR. A. R., F.S.A.
*VESEY-FITZGERALD, B., F.L.S., F.R.E.S., F.C.S., M.B.O.U.

With the Past Presidents.

(See page x.)

Hon. Editor.

*NORMAN COOK, B.A.,
Tudor House Museum, Southampton.

Hon. Treasurer.

*COMMANDER (S.) C. BETTON ROBERTS, F.S.A., R.N.,
Kennett Lodge, Hambledon, Portsmouth.

Hon. Secretaries.

*THE REV. G. A. BAYLY, M.A., 1 Park Road, Winchester.
*F. WARREN, J.P., F.S.A., Staple Garden, Winchester.

* Research Committee.

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Smith, Miss W., 7 Padwell Road, The Avenue, Southampton.

Solomon, Capt. Robert, M.C., LL.B., Salterns Hill, Beaulieu, Brockenhurst, Hants.

Souter, Miss, 18 Edgar Road, Winchester.

Sparks, Mrs. Arthur, S. Claude, Victoria Road, Fleet, Hants.

Stidston, Mrs. Amy H., 7 Sparkford Road, Winchester.

Stilwell, Miss Joan, Thriftswood, Hants.

Stirling, Mrs., Greenways, Oakley, Basingstoke, Hants.

Stock, Miss Ellen, The Laurels, Appleshaw, Andover, Hants.

Straker, Mrs. K. H., The Tithe Barn, Ashmansworth, Newbury, Berks.

Stubington, Miss C., Oaklands, Rowland's Castle, Hants.

Swayne, T. Gattton, Northdown, Warwicks Bench, Guildford.

Symes, Stanley, Winchester Road, Romsey, Hants.

Tanner, The Rev. Edward Victor, M.C., M.A., 32 Christ Church Road, Winchester.

Tanner, W. A., Icart, Northbrook Avenue, St. Giles' Hill, Winchester.

Taylor, The Rev. B. C., M.A., Kinross, Barnes Close, Winchester.

Taylor, Lady, Whitedale, Hambledon, Portsmouth.

Thomson, T. F., County Planning Officer, Litton Lodge, Clifton Road, Winchester.

Thorp, Miss M. N., Mapledurwell, Basingstoke, Hants.

Tilling, Mrs., The Old House, Michelmersh, Romsey, Hants.

Tindall, Mrs. K. B., West Downs, Winchester.

Titcomb, D. G., F.G.S., Itchen Rise, 30 Garfield Road, Bitterne Park, Southampton.

Tozer, G. A., The Vineyards, Beaulieu, Brockenhurst, Hants.

Tranchell, Lieut.-Col. H. G., The Plantation, Curdridge, Southampton.

Turner, W. Gilbert, M.I.E.E., Oakhill, 126 Highfield Lane, Southampton.

Turner, W. J. Carpenter, A.R.I.B.A., 4 Great Minster Street, Winchester.

Turner, Mrs. W. J. Carpenter, 4 Great Minster Street, Winchester.

University College Library, per The Librarian, Southampton.

Venning, Brig. F. E. W., Pinewood, Butts Ash, Hythe, Southampton.

Vesey-FitzGerald, Brian, F.L.S., F.R.E.S., F.C.S., M.B.O.U. (Editor of *The Field*), Murrayfield, Farnham, Surrey.

Waldron, Miss N., c/o Sir R. Sperling, Knowl Hill, Kingsclere, near Newbury.
 Walker, Frank M., "Dennistoun," Hillside Road, St. Albans, Herts.
 Walton, The Rev. T. H., M.A., Preston Candover, Basingstoke, Hants.
 Warren, F., J.P., F.S.A., Danesacre, Worthy Road, Winchester. (*Joint Hon. Secretary.*)

Warren, Mrs. H. W., Silkstead Cottage, Compton, near Winchester.
 Wason, Lieut.-General E. R., C.B., M.C., Wheathill, Sparsholt, Winchester.
 Watson, Vice-Admiral B. C., C.B., D.S.O., R.N., The Court House, Hambledon, Portsmouth.

Watt, Mrs. W. Boyd, Cintra Lodge, 7 Knole Road, Bournemouth.

Webber, John, The Chalet, Nursling, Southampton.

Weeks, George, 32 Cranworth Road, Winchester.

Weeks, Mrs. A., N.T.S.C., 32 Cranworth Road, Winchester.

Were, Rev. F., F.R.G.S., The Vicarage, Ropley, Alresford, Hants.

White, Miss D. F. B., 45 Waverley Road, Southsea.

White, H. T., A.M.I.C.E., Great Close, Ampfield, Romsey, Hants.

White, Mrs. H. T., Great Close, Ampfield, Romsey, Hants.

Whitlock, Ralph, F.Z.S., M.B.O.U., Webb's Farm, Pitton, Salisbury.

Williams, Prof. Laurence Frederic Rushbrook, C.B.E., M.A., B.LITT., Rye House, Silchester, Reading, Berks.

Willis, G. W., J.P., F.S.A., 2 Wote Street, Basingstoke, Hants.

Willis, Herbert John, Bank of England, E.C. 2.

Winbolt, V. E., Upyonda, 223 Worting Road, Basingstoke, Hants.

Winchester Public Library, per F. W. C. Pepper, F.L.A., Jewry Street.

Winn, W. J. G., The Manor Farm, Stockbridge, Hants.

Wood, Miss, 3 Upland Road, Eastbourne, Sussex.

Wood, Miss Edith M., Honeycritch, Froxfield, Petersfield, Hants.

Wren, M. F., Reform Club, Pall Mall, London, S.W. 1.

Wrey, Commander E. C., O.B.E., R.N. (ret.), Chewton Pines, Highcliffe-on-Sea, Hants. (*Vice-President.*)

New Members, 1947.

The following additional Members have joined up to June 1st, 1947 :—

Andrews, C. W., The Homet, Hale, Fordingbridge.

Bickford, Major Edward P., Corner Cottage, Droxford, Southampton.

Birley, Mrs. H., Broomfield, Heath Road, Petersfield.

Boulenger, Mrs. G. M., Nursling House, Nursling, Southampton.

Boulton, Miss Violet M., Broomfield, Heath Road, Petersfield.

Bush, A. T., Mark Three, Palmerston Way, Alverstoke.

Bush, Mrs. A. T., Mark Three, Palmerston Way, Alverstoke.

Cazalet, The Rev. Peter, M.A., M.C., Bull's Farm House, Herriard, Basingstoke.

Churchill, Mrs. H. P., Oliver's Cottage, Shalden, Alton, Hants.

Cottrill, Frank, M.A., 3 The Square, Winchester.

Duke, Tom J., F.R.H.S., F.N.I.A.B., Curdrige Croft, Curdrige, Southampton.

Edmeades, Miss D. M., Little Meade, Cheriton Road, Winchester.

Griffiths, The Rev. J. A. S., M.A., Ampfield Vicarage, Romsey.

Griffiths, Mrs., Ampfield Vicarage, Romsey.

Hallett, Sir M. G., K.C.S.I., C.I.E., Ashdene, St. Giles' Hill, Winchester.

Hallett, Lady, Ashdene, St. Giles' Hill, Winchester.

Hedley, Miss Eileen, Upton House, Wonston, Sutton Scotney.

Heppinstall, Mrs. W. H., Greenroof, The Crescent, Romsey.

Hickling, Mrs., Cowleaze, Binley, near Andover.

Hicks, F. M., M.A., Red Lane, Shawford, near Winchester.

Hunt, Mrs. R. H. G., Oakhammer, Itchen Abbas, Winchester.

Hughes, The Rev. F. C., M.A., St. John's Vicarage, Winchester.

Jenkins, Miss Frances P., M.A., Grammar School for Girls, Upper Hill Lane, Southampton.

Kerr, Mrs. P., Stoner Hill, Petersfield.

Marshall, Miss I. C., Stonycroft, Bighton, Alresford, Hants.

Morley, Lt.-Colonel L. C., Morwenstowe, Wellington Avenue, Fleet.

Ordnance Survey, Director-General of (Archaeology Branch), Leatherhead Road, Chessington, Surrey.

Owen, Miss I. M., Cook's Down, Alresford, Hants.

Paget, Miss C., Itchen Stoke, Alresford, Hants.

Parker, Mrs. Cecil, Houghton Lodge, Stockbridge, Hants.

Percival, Miss J., The Flat, Clifton House, Winchester.

Prince, Mrs. C. R., 50 Winn Road, Southampton.

Robins, F. W., F.R.G.S., 4 Harewood Avenue, Pokesdown Hill, Bournemouth.

Tilling, Major R., The Old House, Michelmersh, Romsey.

Turner, Miss Evelyn, The Old Farm House, Oakley, Basingstoke.

Turville-Petre, Mrs., Riddings, Kingsgate Road, Winchester.

Troup-Elliott, Mrs. V. L., Harfields, Curdridge, Southampton.

Walter, Mrs. R., Hope Cottage, New Farm Road, Alresford, Hants.

Wellington, His Grace the Duke of, F.R.I.B.A., F.S.A., Stratfieldsaye House, [Reading, Berks.]

Wills, Mrs. A. R., Oxleas, Belbins, Romsey.

Winser, Arnold A., Thornleigh, Curdridge, Southampton.

Errors, or omissions from the above list should be notified to: The Hon. Secretaries, Hampshire Field Club, Staple Garden, Winchester.

(The List has been revised, and corrected, to June 1, 1947.)

Past-Presidents.

- 1885—1888 F. DE CHAUMONT, M.D., F.R.S. (the late).
 1888—1891 W. WHITAKER, B.A., F.R.S., F.G.S. (the late).
 1891—1893 W. E. DARWIN, B.A., F.G.S., J.P. (the late).
 1893—1895 THE VERY REV. THE DEAN OF WINCHESTER (THE VERY REV. G. W. KITCHIN, D.D., F.S.A.) (the late).
 1895—1896 W. WHITAKER, B.A., F.R.S., F.G.S. (the late).
 1897—1898 B. W. GREENFIELD, M.A., F.S.A. (the late).
 1898—1900 THE RIGHT HON. THE EARL OF NORTHBROOK, G.C.S.I., D.C.L., F.R.S. (the late).
 1900—1902 WILLIAM W. PORTAL, M.A., F.S.A. (afterwards SIR WM. W. PORTAL, BART.) (the late).
 1902—1904 J. H. OGLANDER, F.S.A. (the late).
 1904—1906 W. F. G. SPRANGER, J.P. (the late).
 1906—1908 THE MOST NOBLE THE MARQUIS OF WINCHESTER.
 1908—1910 SIR WILLIAM W. PORTAL, BART., M.A., F.S.A., D.L. (the late).
 1910—1912 THE RIGHT HON. THE EARL OF NORTHBROOK (the late).
 1912—1914 THE RIGHT HON. THE LORD MONTAGU OF BEAULIEU (the late).
 1914—1916 SIR WILLIAM W. PORTAL, BART., M.A., F.S.A., D.L. (the late).
 1916—1918 C. E. KEYSER, M.A., F.S.A., D.L., J.P. (the late).
 1918—1920 DR. DUKINFELD SCOTT, F.R.S., F.L.S., F.G.S., LL.D., D.SC. (the late).
 1920—1922 THE RIGHT HON. THE LORD MONTAGU OF BEAULIEU (the late).
 1922—1924 THE RT. HON. BEATRICE COUNTESS OF PORTSMOUTH (the late).
 1925—1926 THE RT. HON. THE EARL OF NORMANTON (the late).
 1926—1929 DR. J. P. WILLIAMS-FREEMAN, M.D., J.P. (the late).
 1929—1932 SIR CHARLES CLOSE, K.B.E., C.B., C.M.G., SC.D., F.R.S.
 1932—1935 DR. J. P. WILLIAMS-FREEMAN, M.D., J.P. (the late).
 1935—1936 SIR CHARLES ARDEN-CLOSE, K.B.E., C.B., C.M.G., SC.D., F.R.S.
 1936—1939 LIEUT.-COL. J. B. KARSLAKE, T.D., D.L., J.P., M.A., F.S.A. (the late).
 1939—1940 SIR RICHARD HARMAN LUCE, K.C.M.G., C.B., M.A., F.R.C.S.
 1940—1943 C. J. P. CAVE, J.P., M.A., F.S.A., F.R.P.S.
 1941—1944 SIR RICHARD HARMAN LUCE, K.C.M.G., C.B., M.A., F.S.A., F.R.C.S.

The Editor will welcome contributions relating to the subjects dealt with by the Society; and review copies of books dealing with Hampshire and the Isle of Wight. Address: Norman Cook, B.A., Tudor House Museum, Bugle Street, Southampton.

RULES.

Name and Objects.

Rule 1.—The name of this Society is "The Hampshire Field Club and Archaeological Society," and the object of the Club is the Study of the Natural History and Antiquities of the County.

Headquarters.

Rule 2.—The headquarters of the Club are at Winchester.

Members.

Rule 3.—The Club shall consist of ordinary members and of honorary members.

Rule 4.—Scientific persons of distinction, non-resident in the County, may be proposed and elected as honorary members of the Club at any meeting of the Council.

Rule 5.—Ladies are eligible for election as members and officers of the Club.

Rule 6.—Candidates for membership must be proposed and seconded by two members of the Club. The proposer must be personally acquainted with the candidate. Candidates thus proposed and seconded shall be elected to the Club by the ballot of the Council. Three black balls to exclude.

Rule 7.—The proposer of any candidate is required to state the particular branch of Natural History or Antiquities in the study of which any candidate for admission into the Club is engaged or is interested, or any other qualification, or special line of study.

Officers.

Rule 8.—The Officers of the Club to be elected at the Annual Meeting shall consist of a President, 4 Vice-Presidents, Treasurer, Editor, Secretary or Secretaries, and Chief Subject Secretary. Also the Local Secretaries shall be elected by the Council. If at the Annual General Meeting the number of nominations for the posts of President, Vice-Presidents, Members of Council or any of the Hon. Officers of the Club exceeds the vacancies, the election in each case shall be by ballot. Members cannot vote unless all their subscriptions have been paid including that for the then current year.

Rule 9.—The President and Vice-Presidents shall not hold office for more than three years consecutively.

Hon. Editor.

Rule 10.—The Editor shall, if possible, publish a volume of the *Proceedings* in each year which shall contain the reports of the Subject Secretaries and an account of the Meetings and Excursions of the Club and such other matters as the Editor thinks desirable.

Rule 11.—The publications from other societies which are received in exchange for those of the Hants Field Club shall be regarded as the property of the Club.

Hon. Secretaries.

Rule 12.—The Hon. Secretary or Secretaries shall be responsible for the non-financial business and correspondence, for the arrangements for the General and Council Meetings, and for the sending out of Notices of Field Meetings and other events to every Member.

Hon. Treasurer.

Rule 13.—The Treasurer shall be responsible for the collection of Subscriptions and the Annual Financial Report and Balance Sheet. Payments to be made by cheque signed by the Treasurer and one other Member of the Council.

Local Secretaries.

Rule 14.—Local Secretaries shall be appointed by the Council for any parts of the County that seem to them desirable. They shall watch the interests of the Club in their respective districts, investigate any matters to which their attention shall be called by any member of the Club and report any matters of interest to the Hon. Secretary or Secretaries.

Subject Secretaries.

Rule 15.—There may be appointed by the Annual Meeting, Subject Secretaries to represent the following and other interests :—Archaeology (including Field Archaeology), Architecture, Botany, Entomology, Geology, Heraldry, Historic Records, Mycology, Numismatics, Ornithology, Paintings, Photographic Records and Engravings.

Rule 16.—The names of such Subject Secretaries shall be printed in the *Proceedings* and their function shall be to foster an interest in their respective subjects, receive communications from other members and make an Annual Report of work done to the Chief Subject Secretary, who shall report further to the Hon. Editor.

Subscriptions.

Rule 17.—The Annual Subscription for ordinary members shall be as follows :—(a) For members elected after the Annual Meeting on Wednesday, April 25th, 1934, 15s. ; (b) for members elected before the Annual Meeting on Wednesday, April 25th, 1934, 10s. 6d. Subscriptions are due in advance on the 1st January, and from new members on admission, with an Entrance Fee of 5s. The names of persons newly elected shall not be entered on the List of Members until their Subscriptions and Entrance Fees have been paid.

Rule 18.—The *Proceedings* of the Club shall be sent to those members only whose Subscriptions are paid for the year for which such *Proceedings* are issued, and whose names appear, or should appear, in the printed list of members contained therein.

The name of a member whose Subscription for any year is in arrear at the end of June of the following year shall (subject to the discretion of the Council) be removed from the list.

Council.

Rule 19.—The Government of the Club is vested in a Council to be elected at the Annual Meeting and to consist (ex-officio) of :—the Past Presidents, the Officers for the time being, and not less than six other Members.

Rule 20.—Five shall be a quorum of the Council.

Rule 21.—A Council Meeting may be called at the discretion of the Secretary or Secretaries, or shall be held within 21 days on the written request of not less than 5 Members of the Council.

Annual Meeting.

Rule 22.—An Annual Meeting for general purposes shall be held in the early part of each year, on a date to be decided by the Council, at which the Secretary or Secretaries shall submit a Report, and the Treasurer his Financial Report and Balance Sheet.

XIII

Field Meetings.

Rule 23.—Not less than six ordinary Field Meetings shall be held in each year.

Rule 24.—A Meeting of the Council shall be held at least a month before the Annual Meeting to receive suggestions for the Field Meetings, and to draw up a list to be submitted to the members at the Annual Meeting.

Rule 25.—The organization of the Field Meetings (including the limitation, if necessary, of the numbers of members and visitors who can be accommodated) shall be in the hands of the Hon. Secretary or Secretaries who will receive such financial grants for the expenses as the Council shall decide.

Rule 26.—Subject to Rule 25, each member of the Club shall be at liberty to introduce one visitor to each ordinary meeting of the Club. A fee of 2s. 6d. shall be payable for every such visitor, as a minimum Subscription towards expenses.

Rule 27.—Members of the Club who do not attend any meeting after having given notice of their intention to attend, shall be liable for their share of the expenses which may be incurred by the Council in connection with such meeting.

Preservation of Natural Objects and Antiquities.

Rule 28.—The Club shall discourage the practice of removing and rooting up rare plants from their characteristic locality, and the extermination of rare birds, and also use its influence with landowners for their protection.

Rule 29.—The Club shall use its influence to promote the preservation of objects of antiquity.

Alteration of Rules.

Rule 30.—No alteration or addition shall be made to the foregoing rules except at an Annual General Meeting ; and fourteen days notice shall be given of any proposed alteration or addition to the rules.

