

BOTANICAL RAMBLES.

A MEETING of the Botanical Section of the Hampshire Field Club took place on Thursday, June 1st, near Warnford, in the Meon Valley, when some 30 members were present. A visit was made to a neighbouring wood, where the narrow-leaved helleborine was seen growing in considerable quantities. The party then proceeded through East Meon to the neighbourhood of Coombe, from whence a ramble over Drayton Down and through Henwood was commenced. The route led over varied country, down, woodland and land formerly agricultural, and many interesting plants were seen. Among the most notable were cypress spurge, and intermediate avens, and fly, butterfly, and bird's nest orchids. After an exceedingly enjoyable walk, the party returned to West Meon for tea.

A Meeting of the Botanical Section of the Field Club was held on Wednesday, August 9th, at Pennington and Keyhaven Marshes in order to study the distinctive flora of the district.

About thirty members from all parts of the County were present, and during the morning the eastern portion of the marshes was walked over and several interesting plants were noted. Unfortunately rain came on and conditions became rather unpleasant, and most members of the party were considerably wet. Lunch was taken in members' cars which had been left on the road to the marsh, after which a good many of the party returned home. In the afternoon, a smaller number went on towards Keyhaven and explored the banks of two small streams, which yielded more typical marsh plants and grasses. Mr. and Mrs. H. T. White were in charge of each of the above expeditions.

The following list gives the more interesting finds of the day :—

Meeting at Pennington and Keyhaven Marshes, August 8th, 1939.

LIST OF PLANTS NOTED.

Celery-leaved Crowfoot (*Ranunculus Sceleratus*), Water Crowfoot (several kinds), Hairy Buttercup (*Ranunculus sardous*), Smith's Cress (*Lepidium Smithii*), Swine's Cress (*Senebiera didyma*), Sea Sandspurry (*Spergularia salina*), Trailing St. John's Wort (*Hypericum humifusum*), Purple Loosestrife (*Lythrum Salicaria*), Great Willow herb (*Epilobium hirsutum*), Marsh Pennywort (*Hydrocotyle vulgaris*), Slender Hare's ear (*Bupleurum tenuissimum*), Procumbent Marshwort (*Apium nodiflorum*), Wild Celery (*Apium graveolens*), Parsley Dropwort (*Eranthe Lachenalii*), Hemlock water dropwort (*Eranthe crocata*), Hemp Agrimony (*Eupatorium cannabinum*), Teasel (*Dipsacus sylvestris*), Sea Aster (*Aster Tripolium*), Golden Samphire (*Inula Crithmoides*), Fleabane (*Pulicaria dysenterica*), Trifid-leaved bur marigold (*Bidens tripartita*), Scentless Mayweed (*Matricaria*

inodora), Rayless Mayweed (*Matricaria suaveolens*), Wood Ragwort (*Senecio sylvatica*), Sea Lavender (*Limonium vulgare*), Thrift (*Armeria maritima*), Yellow Loosestrife (*Lysimachia vulgaris*), Brookweed (*Samolus Valerandi*), Tufted Forget-me-not (*Myosotis caespitosa*), Water Speedwell (*Veronica Anagallis*), Buckshorn Plantain (*Plantago Coronopus*), Sea Plantain (*Plantago maritima*), Sea Beet (*Beta maritima*), Sea Purslane (*Atriplex Portulacoides*), Grass-leaved Orache (*Atriplex litoralis*), Spreading Orache (*Atriplex patula*, in various forms), Marsh Samphire, or Glasswort (*Salicornia europaea*), Crow Garlic (*Allium vineale*), Lesser Reedmace (*Typha angustifolia*), Water Plantain (*Alisma Plantago*), Sea Arrowgrass (*Triglochin palustre*), Lesser or glaucous Bullrush (*Scirpus Tabernaemontani*), Salt marsh Clubrush (*Scirpus maritimus*), Annual Sea-blite (*Suaeda maritima*), Sea hard-grass (*Lepturus filiformis*), Sea Barley (*Hordium maritimum*), Glabrous finger grass (*Glyceria Borreri*), Procumbent meadow grass (*Glyceria procumbens*), Erect sea couch grass (*Agropyrum pungens*), Townsend's Cord Grass (*Spartina Townsendii*), Rushes (*Juncus—maritimus, effusus, bufonius, Gerardi, supinus*).

H. P. F. G.

BIOLOGICAL SECTION.

We have suffered a very great loss by the death of Rev. F. C. R. Jourdain, M.B.O.U., F.Z.S., which occurred on 27th February, 1940, on the very day that the Council was proposing him as a Vice-President; he was our Ornithological Secretary. For very many years he was an ardent student of bird-life, and a world-wide authority in many branches. Jourdain's chief studies had been connected with the breeding and life history of Palaeolithic birds; another study was the nature of the food of birds of all species and their geographical distribution. He was endowed with tireless energy, both in the field and in his communications to the Press. Jourdain's publications on various subjects connected with bird life were very numerous and extended from 1899—1939; these included studies of the ornithology of many countries ranging from Iceland and Spitzbergen to Syria and Morocco. He was also part author of the new *Handbook of British Birds*.

Endowed with a very exceptional memory, a memory replete with accurate details, and, to quote from the obituary notice in the April number of *British Birds*, "he had a horror of any statement which he knew to be inaccurate, and always felt it a stern duty to correct such statements so far as he could." His criticisms, severe and often caustic, made him unpopular with some. "However characteristic was that withering style of his public controversies, to those who knew him well, and especially those of a younger generation, this was far outweighed by his remarkable sympathy and inexhaustible kindness and helpfulness. No estimate of his character could be true without stressing this side of it."

Jourdain's notes for this year's Report were being prepared at the time of his death, and I am very grateful to F. H. Haines for taking on a very difficult task in getting these notes together.

Mr. and Mrs. H. T. White, of Ampfield, very successfully organised and carried out two Botanical excursions.

ORNITHOLOGICAL COUNTY COMMITTEE.

The Council has decided to form a County Ornithological Committee, representative of all districts in the County; the following members will form the nucleus of this Committee, with power to co-opt others to serve: F. H. Haines, Esq., B. Ringrose, Esq., and Lieut.-Colonel Payn.

All Bird Notes and Observations should be sent to the Hon. Secretary, F. H. Haines, Esq., Appleslade, Linwood, nr. Ringwood, who has undertaken to compile the Bird Report for this year.

H. PUREFOY FITZGERALD,

Biological Secretary.

ORNITHOLOGICAL REPORT FOR THE COUNTY OF HAMPSHIRE, 1939.

By F. H. HAINES.

From Notes made or received by the late Rev. F. C. R. JOURDAIN,
M.A., M.B.O.U., F.Z.S.

Meteorology.

Some meteorological data have been given in the Report on
Insects in Hampshire

Systematic List.

- Raven** (*Corvus c. corax*). 2nd April, Freshwater cliffs, 1 pair (P H).
Crow (*Corvus c. corone*). Several in ones and twos, Linwood, 8th November (F H).
Rook (*Corvus f. frugilegus*). The usual incursion of Rooks at the beginning of June into the Linwood district noted on 8th June. It continues for some three weeks. They are usually entirely absent for the rest of the year. Some reappeared on 22nd November. Their appearance is very unusual in this part of the Forest in November (F H).
Jackdaw (*Coloeus m. spermologus*). A large flock, with Gulls, seen at Blashford on 13th and 15th November. Jackdaws are not often seen in this neighbourhood (E M H).
Magpie (*Pica p. pica*). A B reports one, after years of absence, at Burghclere.
Starling (*Sturnus v. vulgaris*). Noted in mid-June in small flocks at evening (F H). April 1st-2nd night, St. Catharine's Light, about fifty to light (P H).
Hawfinch (*Coccothraustes c. coccothraustes*). A pair in a copse at Linwood, 21st February (T S). One, Sway, 19th April (M C).
Greenfinch (*Chloris c. chloris*). Nest and four eggs, Sway, 25th April (M C).
Goldfinch (*Carduelis c. britannica*). Very large flocks at Linwood in January, July and autumn (F H). A flock of Goldfinches (about fifty) appeared in the garden at Ampfield on 14th August. The species had been seen on 27th February (H W).
Lesser Redpole (*Carduelis l. cabaret*). 12th August, Petersfield (W W). A flock was seen eating the birch seed at Linwood on 24th December (H L).
British Bullfinch (*Pyrrhula p. nesa*). In Mr. Ringrose's garden at Farley (Harbridge), a nest of this species was placed in a curious site, well in amongst ivy growing round the top of an old stump about 5ft. from the ground. This nest contained the large number of seven eggs and subsequently all seven young flew (B R). A Bullfinch was sitting on eggs at Andover on 24th September, and young were still being fed at the nest on 4th October (W P).
Crossbill (*Loxia c. curvirostra*). One nest in the Bordon district contained large young on 8th February which were on the wing by 19th, an early date (H G). It is remarkable that this species still holds on in N. Hants, and yet has never returned in any numbers to the Bournemouth district and the southern New Forest where it used to be so plentiful (F J).
Girl Bunting (*Emberiza cirrus*). 27th May, three on Quarley Hill; a pair, Bury Hill, Andover, 25th July (W P).
Reed Bunting (*Emberiza s. schoeniclus*). 25th January, several on Ibsley Marshes; 30th, cock in Forest at Whiteshoot; 2nd February, cock on Ibsley Marshes (B R). None nesting on marshy ground at Linwood this year (F H).

- Snow Bunting** (*Plectrophenax nivalis*). Two appeared on the cliffs at Southbourne on 6th December and were still about on the two following days, but only one was seen on the 9th and 10th (S C) (F J). They were extremely tame, allowing approach within a few yards.
- Wood Lark** (*Lullula a. arborea*). Much reduced in numbers in N. Hants in 1939 (H G).
- Skylark** (*Alauda a. arvensis*). Migration in small parties noted along the coast on 28th and 29th December westward, but not in anything like the numbers noted in the great rush of December 1938 near Portchester and Langston Harbour (J S). Several were on our lawn during the cold spell in December, and January 1940, and hundreds, if not thousands, in the Bournemouth district (E M T).
- Richard's Pipit** (*Anthus r. richardi*). At the end of 1938 while snow was still thick on the ground in the Isle of Wight a dead Pipit was picked up on the cliff edge at Totland Bay; definitely larger than other Pipits—not less than 7 inches in length. The hind claw is described as not less than 1½ in. with the toe, the claw alone measuring ¾ in. Unfortunately no steps were taken to preserve even a part of this most valuable specimen, so that all confirmatory evidence is lacking, though from the description the identification seems to have been correct (H M L). In such cases it is easy to preserve the whole specimen.
- Grey Wagtail** (*Motacilla c. cinerea*). 1st April, on small lake at Burghclere. Appeared again there on 23rd August and 14th September (A B).
- White Wagtail** (*Motacilla a. alba*). Mudeford, 3rd May (C P).
- Nuthatch** (*Sitta e. affinis*). Although common enough in the Avon Valley, one does not often meet with this species in the town of Bournemouth; one at Southbourne, 5th September (F J).
- Golden-crested Wren** (*Regulus r. anglorum*). One came into the house at Ten Oaks, Linwood, on 4th September (H L). Numbers well maintained throughout year at Burghclere (A B).
- Pied Flycatcher** (*Muscicapa h. hypoleuca*). This is a sufficiently scarce passage migrant to deserve special mention; male at Mudeford 21st April (C P).
- Chiffchaff** (*Phylloscopus c. collybita*). About six at St. Catharine's Light, April 1st-2nd night (P H).
- Marsh Warbler** (*Acrocephalus palustris*). Mr. H. Whistler informs us that he received a Marsh Warbler which was killed at the St. Catharine's Lighthouse with several other common warblers on 19th May. As most first-arrival dates recorded are at breeding places and rather later, this record has interest (B B).
- Garden Warbler** (*Sylvia borin*). Many heard and seen, Setthorns Enclosure, near Sway, New Forest, 20th May (T E B). Two or three birds singing at Appleslade on 16th June (F H).
- Dartford Warbler** (*Sylvia u. dartfordiensis*). Almost exterminated in N. Hants (H G). A B is very certain he has seen it on a large common near Burghclere.
- Thrush** (*Turdus p. clarkei*?). Many in beams, St. Catharine's Light, April 1st-2nd night (H P).
- Wheatear** (*Oenanthe o. oenanthe*). One at St. Catharine's Light, April 1st-2nd night (H P).
- Redstart** (*Phoenicurus p. phoenicurus*). Mrs. J. B. Priestley has given us details of a Redstart which she watched at close quarters with binoculars on 24th November, 1939, near St. Catharine's Lighthouse. The bird was evidently a female. This is a later date than any of which we have previous note (B B).
- Black Redstart** (*Phoenicurus o. gibraltariensis*). Ringwood.
- Robin** (*Erithacus r. melophilus*). 29th April, immature albino, fledged, found near Ringwood (A P).

- Wren** (*Troglodytes t. troglodytes*). An interesting account of song at Sway by G M (B B, Vol. 32, p. 397).
- Dipper** (*Cinclus c. gularis*). One on the sea bank at Pennington Marshes, 27th July. (Both my wife and I know the Dipper well, and have no doubt about the identification, or I should have said it was quite the wrong place for a Dipper.) (H W).
- Swallow** (*Hirundo r. rustica*). During the drought a pair of Swallows laid in an old nest at Farley (Harbridge), but the eggs rolled out over the rim. Later, the rim was built up higher by the birds to avoid further mishap (B R).
- Swift** (*Apus a. apus*). 7th July, even more plentiful than usual about Andover this year (W P).
- Nightjar** (*Caprimulgus e. europaeus*). Note by G M (B B), Vol. XXXIII, p. 81. Noted in August as commoner than earlier in the year at Linwood, flapping and churring in the evenings (F H).
- Woodpecker** (*Picus v. virescens*). Seeing a Green Woodpecker on 7th May, flying agitatedly about a hollow oak, I investigated. On my approach, a Peregrine which was circling round the tree, flew off. The Woodpecker, with a cry of alarm, escaped in another direction (F H).
- Great Spotted Woodpecker** (*Dryobates m. anglicus*). One was busy on 29th May among the tops of young Scotch firs at Linwood (F H).
- Cuckoo** (*Cuculus c. canorus*). A young bird, fully fledged and able to fly, was picked up on the road at Sway, being apparently unable or unwilling to feed itself. It was pure white. In spite of efforts to feed it, it died a few days later and is now in the British Museum (G M).
- Brown Owl** (*Strix a. sylvatica*). Two half-grown young rats picked up underneath a perching place of this species in Southbourne on 14th and 28th September, when the single young bird was still apparently being fed by its parents (F J).
- Peregrine** (*Falco p. peregrinus*). 2nd April, Freshwater cliffs, one pair (P H). April 12th, Peregrine over Appleslade, attracted, doubtless, by the numbers of Wood Pigeons. One was circling and gliding over the neighbourhood on 2nd July and another on 13th August. On 6th September a very small male and a female were over Appleslade. While the female glided and circled round, the male constantly darted at and toyed with her. The game was still continuing after the several minutes I watched. Several "kills" of Wood Pigeons noticed in and near the wood here in December.
- Hobby** (*Falco s. subbuteo*). A pair bred in North Hampshire.
- Merlin** (*Falco c. aesalon*). 23rd January, adult male at Ringwood (A P).
- Common Buzzard** (*Buteo b. buteo*). Reports from the New Forest show that the colony of this useful species is holding its own well (B R, F J). 18th February, Parnholt Wood, west of Farley Mount (H W); 8th April, one near Farley Chamberlayne (H W). One rose from the ground near me in Mark Ash on 8th June, and one was soaring over Burley Old on 10th June (F H). One at Porchester in September (J S). Three over Linwood on morning of 25th September (H L). Petersfield, 12th July (W W).
- Marsh Harrier** (*Circus a. aeruginosus*). Three, 1st February, Longstock (E F C).
- Hen Harrier** (*Circus c. cyaneus*). 2nd January, a reliable forest keeper told me he saw a grey cock near Millersford (New Forest) on 28th December, 1938, and that there had been another (presumably, as it was brown, a hen or young cock) about Ashley Lodge for a month or more. 30th January, M D told me that there had been a hen about Lepe Point for some weeks (B R). 13th January, female, Ringwood; 21st, immature male, Ringwood; 30th March, adult male, Christchurch (A P). A Harrier, female or young male, seen in the Forest on 6th June, presumed from the

date to be this species (G M). Two seen near Ogdens on 28th October. Seen again on 10th November, and after a long and close view confirmed as this species (H L). A large Harrier-like bird, beating about low down, was seen on Rockford Common, probably a Hen Harrier, on 13th December and again on 14th (F H). A Harrier flying up the Test valley, near Leckford, 13th February. (This was a dark bird, presumably a female Hen Harrier.) (H W). One on 28th November. Juvenile, or female, on Chilbolton. Down on 10th December (W P).

Montagu's Harrier (*Circus pygargus*). A male seen on St. Catharine's Hill, 5th May (C P). No reports of breeding received this year (F J). Seen on 6th August north New Forest, rather small (?) male (A P); 2nd September, adult male near Ringwood (A P).

Goshawk (*Accipiter g. gentilis*). October or November, Stockbridge (E F C).

Osprey (*Pandion h. haliaetus*). 18th September, immature male, Christchurch (A P).

Spoonbill (*Platalea l. leucorodia*). We have received interesting information as to the presence of this species outside our area. One is, however, reported to have been seen flying over Stanpit Marsh on 30th September (S K in *B.N.S.S. Proceedings*). Mr. H. J. de S. Disney writes that he and Dr. C. Suffern observed three Spoonbills on the River Meon on 30th and 31st August, 1939. These birds have been seen at intervals from 26th or 27th May by L H and several observers, the latest record being dated 30th September (C. Suffern in *B.B.*). They were seen wading rapidly through shallow water and shovelling with their bills.

Bittern (*Botaurus s. stellaris*). Two at Wick, near Ringwood, 23rd November (A P).

Whooper Swan (*Cygnus cygnus*). 12th March, Beaulieu, one pair courting (P H). Beaulieu, 18th and 19th March.

Swan (*Cygnus sp.*). 12th January, four and, later, more on Heath Pond, Petersfield (E H).

Mute Swan (*Cygnus olor*). 12th March, Beaulieu, one pair (P H).

White-fronted Goose (*Anser albifrons*). 1st January, about 150 geese in neighbourhood of Ringwood: mostly Canada and a few White-fronted! (A P).

Grey Geese (species unknown). 14th December, 11 Grey Geese flying east to west, Langston Harbour (J S). A flock, at one time exceeding 100 birds, was about Ibsley marshes for the best part of a month during very severe weather in January and February, 1940 (B R).

Brent Goose (*Branta b. bernicla*). Some numbers, Chichester and Langston Harbours, end of December (J S).

Canada Goose (*Branta c. canadensis*). 24th March, two on pond, Petersfield! (E H).

Sheld-Duck (*Tadorna tadorna*). 12th March, Needs Oar, Beaulieu, flock of about 17 (P H). 1st April, Newtown, Isle of Wight, about 10 scattered pairs (P H).

Mallard (*Anas p. platyrhynchos*). Five on Fisher's Pond, near Winchester, 24th January (A B); two at Newtown, Isle of Wight, on 1st April (P H).

Gadwall (*Anas strepera*). 1st January, pair on Avon, near Ringwood; 7th, a male shot near Ringwood (A P).

Teal (*Anas c. crecca*). Three on Fisher's Pond, near Winchester, 24th January (A B). Seven at Newtown, 1st April (P H).

Wigeon (*Anas penelope*). 9th November, bunches of Wigeon (50 to 100) in Langston Harbour (J S).

Pintail (*Anas a. acuta*). 9th November, a few amongst the Wigeon in Langston Harbour (J S).

Shoveler (*Spatula clypeata*). 12th March, two males, New Alresford Pond (P H).

- Pochard** (*Nyroca f. ferina*). 30th January, four drakes on Irons Well, New Forest; 13th February, one drake on Irons Well (B R). Two females at Alresford, 12th March (P H).
- Tufted Duck** (*Nyroca fuligula*). Three, Christchurch, 21st April (C P). One pair, Alresford, 12th March (P H). 8th February, a drake and duck on the Avon between Bickton and Rookery (B R).
- Goosander** (*Mergus m. merganser*). Stockbridge, 1st February (E F C).
- Red-breasted Merganser** (*Mergus serrator*). Titchfield, 6th April (L H).
- Smew** (*Mergus albellus*). Adult, 6th January, Hern (A P); Stockbridge, 1st February (E F C).
- Cormorant** (*Phalacrocorax c. carbo*). White thigh patch, 29th January; two at Newtown, Isle of Wight, on 1st April (P H). Good many nests occupied on Freshwater cliffs, 2nd April (P H).
- Gannet** (*Sula bassana*). One at Hern, dead, 15th December (A P).
- Great Crested Grebe** (*Podiceps c. cristatus*). Two Alresford, 12th March (P H). A good many off-shore, Mudeford, early February (C P). 6th May, four on lake, Petersfield (W W).
- Slavonian Grebe** (*Podiceps auritus*). On 26th March one first noted on the Avon above Winkton, which stayed there for 23 days! and was last seen on 17th April. First reported by Miss Dacombe; identified and watched subsequently (F J).
- Black-necked Grebe** (*Podiceps n. nigricollis*). One at Winkton, 8th April.
- Great Northern Diver** (*Colymbus immer*). One at Burton, on the Avon, presumably young (R M T).
- Red-throated Diver** (*Colymbus stellatus*). One, Christchurch Harbour, 5th February (C P).
- Wood-Pigeon** (*Columba p. palumbus*). There is a biological note on this bird by G.M. in *B.B.*, Vol. 33, p. 138. A great invasion at Linwood during autumn and winter, feeding on the abundant acorn crop of the Forest. They were observed in April flying in large and small parties and singly S.E. to N.W. or W. Shell of a newly-hatched egg found on 16th September. Cooing much on 20th September, and were noted as still paired on 29th (F H). Flock of about 150 at Newtown, Isle of Wight, on 1st April (P H).
- Turtle-Dove** (*Streptopelia t. turtur*). Nest of Turtle-Dove found, 8th May. The species is very common, building in the birch coppice and on the lower branches of young pines at Appleslade. Cooing constantly, Linwood, 12th July (F H).
- Stone Curlew** (*Burhinus o. oedicephalus*). On 10th September, 50 in junipers on flank of Quarley Hill (W P).
- Pratincole** (*Glareola p. pratincola*). One, Isle of Wight, 26th January (H M L).
- Oyster-Catcher** (*Haematopus o. ostralegus*). One pair, Newtown, Isle of Wight, 1st April (P H).
- Ringed Plover** (*Charadrius h. hiaticula*). 1st April, Newtown, Isle of Wight, about six (P H); 15th September, a flight over sea at Gosport (W W).
- Grey Plover** (*Squatarola s. squatarola*). First noted, Christchurch, Stanpit, 4th October (C P); 9th November, a few in Langston Harbour (J S).
- Lapwing** (*Vanellus vanellus*). 1st April, Newtown, Isle of Wight, about 30 (P H). A great flock in the Avon Valley on 27th February; executing vernal evolutions, 30th March. Large flocks on 25th July, near Fordingbridge, and on 15th September, at Blashford (F H).
- Turnstone** (*Arenaria i. interpres*). One, 1st April, Newtown, Isle of Wight, 23rd July, and five on Warren Beach 25th to 30th August (P); one, Christchurch Harbour, 13th October.
- Sanderling** (*Crocethia alba*). Eleven on lagoon, Avon Beach, 6th April (C P); two, Christchurch, 13th October; flocks at Keyhaven, 27th January; September, six running about at Langston Harbour (J S).

- Knot** (*Calidris c. canutus*). One, Beaulieu, 24th June (S); one, Stanpit, 12th September (P and J); six, 13th September (P), and a few at Beaulieu, 26th September (R and S).
- Dunlin** (*Calidris a. schinzii*). 200 at Newtown, 1st April (P H).
- Little Stint** (*Calidris minuta*). One, Beaulieu, 26th September (R and S).
- Purple Sandpiper** (*Calidris m. maritima*). Southsea, 17th to 29th December (G L C).
- Wood Sandpiper** (*Tringa glareola*). One, Beaulieu, 19th August (S).
- Green Sandpiper** (*Tringa ochropus*). Lyndhurst, 5th January (A P); one Keyhaven, 4th April (S); 25th December, one, Harbridge Green (B R); one, at least, on River Anton, south of Andover, all the summer (W P).
- Common Redshank** (*Tringa t. totanus*). 1st April, Newtown, Isle of Wight, about 20 (P H). Several nesting pairs in the water meadows between Harbridge and Ibsley, 14th May (F H).
- Greenshank** (*Tringa nebularia*). 7th February, one, Newtown, Isle of Wight (S); two at Newtown, 1st April (P H); one, Stanpit Marsh, 4th April (C P); Beaulieu, 4th April; up to three wintered at Beaulieu, last seen 11th April (S); three, Swineham, 19th July (B R); first seen Beaulieu, 29th July; two on 19th August, and four to five on 18th September (S). About 20 at Beaulieu, 26th September (R and S).
- Phalarope** (*Phalaropus* sp. ?). One seen with Godwits at Mudeford on 4th October which, from its flight, seemed to be the Red-necked species (P).
- Avocet** (*Recurvirostra avosetta*). Two at the mouth of the Beaulieu River, 26th August (P).
- Bar-tailed Godwit** (*Limosa l. lapponica*). Stanpit Marsh, 3rd May (C P); only seen in small numbers: one, Keyhaven, and one, Stanpit, 8th May (P); and single birds at Beaulieu in winter (S); eight at Stanpit, 12th September (P and J), also on 4th October (P); 23rd August, saw one in full breeding plumage at Need Oar Point, Beaulieu. It appeared very tired and hardly moved for the two hours we were watching (B R). 9th November, some in Langston Harbour (J S).
- Black-tailed Godwit** (*Limosa l. limosa*). Three at Beaulieu, 27th August (P). 9th November, a few in Langston Harbour (J S).
- Common Curlew** (*Numerius a. arquata*). 23rd February, Petersfield, seen and heard (W W). 1st April, Newtown, Isle of Wight, flock of about 20 (P H). Back to its breeding haunts on Linwood Bog, 20th April (F H). Fewer than formerly, as are Snipe and Lapwing: no Redshank now.
- Common Snipe** (*Capella g. gallinago*). 31st January, a "wisp" of eight, crowded, flushed, at Burghclere: unusual, as they rise singly or two or three at a time (A B). 6th April, drumming, Burghclere (A B).
- Woodcock** (*Scolopax r. rusticola*). A nest near Ringwood with four eggs on 26th June (C B). One flushed in wood at Appleslade on 10th November (F H). 21st July, flushed one in bracken. A fair number breed at Burghclere every year (A B).
- Little Tern** (*Sterna a. albitrons*). Arrived as usual at Mudeford, but after a time left, and did not breed here, which is hardly surprising considering the treatment they have been subjected to of late (C P). The other Hants colony is, however, flourishing; a young bird, some days old, found at Beaulieu, 10th June, points to early nesting (P H).
- Black-headed Gull** (*Larus r. ridibundus*). 12th March, a few with the Common Gull at New Alresford Pond (P A D H). There is a report on the colonies of this bird by P. A. D. Hollom in *B.B.*, Vol. 33, p. 203; a list of the Hants colonies being given on p. 212.
- Common Gull** (*Larus c. canus*). 300 on water at Alresford, and more than that number on hillside half a mile off, 12th March (P A D H). 23rd July, Stanpit (C P).
- Moor-Hen** (*Gallinula c. chloropus*). Great numbers on water meadows at Blashford on 3rd November and from then through December (E H).

Coot (*Fulica a. atra*). Great numbers on water meadows at Blashford on 3rd November and from then through December (E H).

Quail (*Coturnix c. coturnix*). On 1st February a local man shot a bird at Wick which was brought to me and proved to be a hen Quail, in good condition : a most unexpected occurrence, as normally they are in Africa at this time (F J).

In *British Birds*, vol. 33, p. 4, there are notes on Bird Song at Sway by G. Marples.

Arrival of Spring Migrants in Hampshire, 1939.

Tree Pipit. 29th March, several near Lumps Fort, Southsea, early (G C) ; 4th April, St. Catharine's Hill (C P) ; 20th, Harbridge (M R) ; 6th May, Havant (H B) ; a pair seen 29th, Linwood (F H).

Yellow Wagtail. 7th April, Harbridge (M R) ; 7th, Ringwood (A P) ; 9th, Stanpit (C P) ; Bournemouth (F) ; 16th, Havant (J W).

White Wagtail. 5th April, Bournemouth (F) ; 3rd May, Stanpit (C P).

Red-backed Shrike. 19th April (very early), Sway (M C) ; 7th May, Bournemouth, male, still alone on 14th (E M T) ; 10th, Harbridge (M R) ; 21st June, Petersfield (W W).

Spotted Flycatcher. 17th May, Bournemouth (F) ; 19th, Mudeford (C P) ; 20th, near Sway (T B) ; 22nd, Harbridge (M R) ; 30th, Linwood, scarce here (F H).

Pied Flycatcher. 21st April, Mudeford (C P) ; 17th May, Bournemouth (F).

Chiffchaff. 25th March, Hengistbury (C P) ; 29th, Bournemouth (F) ; 31st, Southbourne (F J) and Linwood (F H) ; 1st April, Newtown, Isle of Wight, one seen (P H) ; 1st, Harbridge (M R) ; 2nd, Ringwood (C B) ; 6th, Bournemouth, seen (M P) ; 8th, Ampfield (H W) ; 9th, Burghclere (A B).

Willow Warbler. 1st April, Bournemouth (F) ; 2nd, Linwood (F H) ; 4th, Harbridge (M R) ; 8th, Mudeford (C P) ; Burton (F J) ; 9th, two at Bagnum (A P) ; 9th, Burghclere, heard (A B) ; 23rd, Ampfield (H W) ; 19th May, nest, Linwood (F H).

Wood Warbler. 11th April, Bournemouth (M P) ; 21st, Harbridge (M R) ; 29th, Ringwood (C B) ; 4th May, Linwood, scarcer than usual (F H) ; 8th May, Mudeford (C P) ; 20th, near Sway (T B) ; 8th June, Burghclere (A B).

Grasshopper Warbler. 18th April, Linwood (F H) ; 1st May, Harbridge (M R).

Reed Warbler. ? 16th April, Bournemouth (F) ; 4th May, Havant (J W) ; 6th, River Avon (C P) ; 7th, Stanpit (F J).

Sedge Warbler. 14th April, Stanpit (C P) ; 16th, Bournemouth (F) ; 17th, Harbridge (M R) ; 28th, Linwood (F H).

Garden Warbler. 14th April, seen Linwood, heard 5th May (F H) ; 5th, Mudeford (C P) ; 21st, Harbridge (M R) ; Bournemouth (F) ; 5th May, Burton (C P) ; 2nd June, Petersfield (E H).

Blackcap. 19th April, N. New Forest (F J) ; 20th, Harbridge (M R) ; 23rd, Burley (F J) ; 1st May, heard and saw, Burghclere (A B) ; 4th, Linwood (F H) ; 11th, Mudeford (C P).

Whitethroat. 9th April, Bournemouth (F) ; 17th, Mudeford (C P) ; 19th, Harbridge (M R) ; 30th, Ringwood (C B) ; 6th May, Burghclere (A B) ; 10th, Petersfield (W W) ; 29th, Linwood (F H).

Lesser Whitethroat. 12th April, heard and seen Linwood (F H) ; 20th, Havant (H B) ; 21st, Mudeford (C P).

Wheatear. 12th March, Bournemouth (F) ; 30th, New Forest (C P) ; 1st April, Bournemouth (M P) ; 1st, Havant (J W) ; 2nd, St. Catharine's, two males, one female (P H) ; 9th, Dean Hill, near Lockerley (H W).

- Whinchat.** 26th April, Bournemouth (F).
- Redstart.** 3rd April, Mudeford (C P) ; 7th May, Bournemouth (F) ; 22nd, song, Havant (H B).
- Nightingale.** 14th April, New Milton (F) ; 19th, Harbridge (M R) ; New Forest (F J) ; 24th, Highcliffe (C P) and Ampfield (H W) ; 3rd May, Burghclere, much rarer than of old (A B) ; 18th, Petersfield (W W).
- Swallow.** 1st April, Newtown, Isle of Wight, one (P H) ; 2nd, Bournemouth (F) ; 5th, Harbridge (M R) ; 10th, Mudeford (C P) ; 11th, Bournemouth (M P) ; 14th, Linwood (F H) ; 21st, Sway (M C) ; 21st, Totland Bay (J D) ; 23rd, Ampfield (H W). A decided increase about Ringwood in 1939, and much more numerous than for several years past (C B). 26th, very late, three places at Burghclere (A B).
- Martin.** 9th April, Bournemouth (F) ; 10th, Harting (W W) ; 14th, Throop (C P) ; 17th, Sway, two (M C) ; 23rd, Linwood, in numbers (F H) ; 24th, Harbridge (M R) ; 6th May, Totland Bay (J D) ; 7th (H W).
- Sand-Martin.** 4th April, Avon Valley (C P) ; about 50 over Avon on 6th (A P) ; 7th, Bournemouth (F) ; 11th, Harbridge (M R) ; 21st, several, Burghclere (A B) ; 23rd, Linwood, in numbers (F H).
- Swift.** 7th May, Mudeford (C P) ; Ampfield (H W) ; 9th, Ringwood (C B) ; 12th, Ringwood (F H) ; Harbridge (M R) ; 13th, Bournemouth (F) ; Totland Bay (J D) ; many at Ibsley, 14th ; 16th, Linwood (F H) ; 18th, Southsea (G C).
- Nightjar.** 7th April, Bournemouth (F) ; 23rd May, Havant (H B) ; 7th June, Burghclere (A B) ; 8th, Linwood (F H).
- Cuckoo.** 4th April, Bournemouth (E M T) ; 10th, Mudeford (C P) ; 11th, Ringwood and Bagnun (A P) ; 11th, Harbridge (M R) ; 12th, Ampfield (H W) ; 14th, Petersfield (W W) ; 19th, Linwood (F H), New Forest (F J) and Portsmouth (G C) ; 7th May, Totland Bay (J D).
- Garganey.** 16th April, Havant (J W).
- Turtle Dove.** 23rd April, Farley Mount, a very early date (F H) ; 6th May, Southbourne (F J) ; 7th, New Milton (F) ; 8th, Ampfield (H W) ; 13th, two, Burghclere (A B) ; 15th, Harbridge (M R) ; 20th, near Sway (T B) ; 26th, Mudeford (C P).
- Stone Curlew.** 9th April at Dean Hill, near Lockerley (H W).
- Sandpiper.** 11th April, Warnford ; 18th, Stanpit (C P) ; 23rd, Bournemouth (F) ; 10th May, on lake, Petersfield ; 25th, two, Lee-on-Solent (W W).
- Whimbrel.** 10th May, Stanpit (C P) ; 10th, song, Havant (H B) ; 15th, Wick (F J).
- Common Tern.** 7th May, Havant (J W).
- Lesser Tern.** 17th April, Mudeford ; 26th, Bournemouth (F) ; 3rd May, Havant (J W).

Note on 20th May.—Several migrants have not been seen here (Appleslade), are late or in reduced numbers, such as the Nightjar, Spotted Flycatcher and Red-backed Shrike, though noted, rarely, in the vicinity. At Linwood, Swallows, Martins and Swifts appear late and in smaller numbers. At Ringwood, they appear as numerous as usual. Lesser Whitethroats are very common here and in suitable spots in the Forest (F H).

G B reports the following birds as nesting in the Bournemouth district on 21st May : Whitethroats (many nests, some birds sitting) ; Lesser Whitethroat (nest with five eggs) ; Red-backed Shrike (nest with five eggs) ; Yellow Bunting (four nests) ; Willow Warbler (nest with seven incubated eggs) ; Goldfinch (nest with young) ; Bullfinch (two nests, nearly hatching) ; Skylarks (sitting hard) ; Wood Pigeon (several) ; in a colony of Sand Martins, one nest containing six eggs.

- A B** notes at Burghclere that a Missel Thrush was finishing her nest on 12th March, laying on 23rd and sitting on 28th. On 28th nest was attacked by Sparrows and the fledglings went.
- A P** found near Ringwood nests of Coot and Lapwing, each containing two eggs, on 23rd March; nest of Song Thrush, containing two young on 24th, and a Hedge Sparrow sitting on three eggs; a Blackcap's nest, with five pink eggs, on 30th May; a Hedge Sparrow's nest with six eggs on 11th June.
- W P** reports a Bullfinch sitting on eggs in a garden, Andover, on 24th September: still feeding young at nest on 6th October.
- E H** saw a White Chaffinch on 26th January on the heath, Petersfield, and later.

Departure of Migrants and Latest Dates of Song.

- Yellow Wagtail.** A few still left in valley of River Anton, Andover, on 21st September (W P).
- Chiffchaff.** 8th September, singing in the garden, early morning, Linwood; near Ringwood, 11th (F H); 21st, Ringwood (C B); 28th, Ampfield. They usually appear here for a day or two at this time (H W).
- Willow Warbler.** 21st July, song heard; 6th August, singing in early evening. Still heard at intervals to 26th August (F H); 6th and 7th September, singing, Petersfield (W W); 17th, Petersfield, seen (W W); 16th October, Bournemouth (C P); 11th November, a Willow Warbler was seen by me from a house window, and pointed out to E M H who said, "It is singing," as it was. It was flitting about near the verandah, uttering an imperfect trill! The weather was practically calm, with a south-east tendency in the wind, and very genial to explain this strangely late date. Other birds were singing much: thrushes very vigorously. The shade temperature was 56°, rising to 65° in the sun (F H).
- Grasshopper Warbler.** 5th August, still singing, especially at evening. Had left Appleslade neighbourhood by 30th August (F H).
- Wheatear.** 16th October, Bournemouth (C P).
- Swallow.** 14th September, Linwood. Still in numbers on 28th (F H). 2nd October, last at Burghclere (A B); Swallows left Ampfield about 12th October (H W); 17th October, Bournemouth (C P); 19th, Totland Bay (J D); 29th, Petersfield (W W); 3rd November, Iford (M and F P).
- Martin.** 28th September, still at Linwood in numbers (F H); 10th October, last at Burghclere (A B); left Ampfield about 12th October (H W); 17th, Bournemouth (C P); 17th, a few, Petersfield (E H).
- Sand Martin.** High up in the sky, at evening, on 8th and 17th September. Still in numbers at Linwood on 28th (F H).
- Swift.** 12th August, last Swift seen (H W); 1st September, Totland Bay (J D).
- Cuckoo.** 2nd July, note, Havant (H B).

Winter Migrants.

- Fieldfare.** 30th January, about 100 at Bleak Hill, Harbridge. (There had been very large numbers all round this district during the previous autumn. 300 were seen on one occasion opposite Turner cottages.) A good many remained in the district until the beginning of April, about 500 being seen near Primrose Cottage on 14th February (B R). 21st January, a small flock of Fieldfares (possibly Redwings) passed over in the dusk. 1st February, a flock of about 12 flew over at dusk, travelling S.W., at Linwood. 27th October, small flock seen in early morning going W. at Linwood (F H).

Redwing. 2nd January, a large number in Mockbeggar football field. A few about all the winter (B R) ; 7th, about 12 on a Bournemouth lawn (T E B) ; 30th March, a flock in meadow at Burghclere (A B) ; 28th October, flock seen in early morning going West at Linwood (F H) ; 24th December, during the late very cold weather, the Redwings have cleared the numerous holly berries in many places at Linwood (H L). A mixed flock of over 50, with Fieldfares, attacked a holly tree in a Bournemouth garden on 25th December, and had completely stripped it of berries by the early afternoon (E M T). A large number, in hedges on Chilbolton Downs, eating hips and haws on 10th December (W P).

Wood Pigeon. Migratory flocks were seen in the spring flying from south-east to north-west or west at Linwood. 17th October, a migratory flock at Linwood. Many small flocks on 9th November, and then a great increase in numbers. On 15th November, and through November and December, vast numbers were in the neighbourhood. Presumably the invasion is largely due to the phenomenal crop of acorns in the Forest this season.

Golden Plover. 23rd August, whistle heard at Linwood (H L).

Earliest Dates of Spring Song and latest Autumn of Residents.

Greenfinch. 2nd February, singing, trill (E H).

Linnet. 14th April, Petersfield (W W).

Chaffinch. 6th Feb., Petersfield (W W) ; 18th, Ampfield (H W) ; 21st, Linwood (F H) ; 2nd March, Petersfield (E H).

Yellow Bunting. 4th February, Petersfield (W W) ; 9th March, Petersfield (E H) ; 12th April, Linwood (F H).

Cirl Bunting. 31st March, Havant (H B).

Skylark. 10th January, Havant (J W) ; 7th February, Petersfield (W W).

Pied Wagtail. 1st October, 53 on heath, Petersfield, one began singing (W W) ; 22nd, one singing, Petersfield (W W) ; 10th December, flock in tree by lake, Petersfield (W W).

Tree Creeper. 7th March, Havant (J W) ; 31st, Linwood (F H) ; 29th October, Havant (H B).

Nuthatch. 24th January, Havant (H B) ; 30th March, Linwood (F H) ; 23rd November, Havant (H B).

Great Tit. 1st January, Linwood (F H) ; 1st, Petersfield (E H) ; 1st, Havant (H B).

Coal-Titmouse. 1st January, Havant (H B).

Marsh Tit. 10th January, Linwood (F H).

Missel Thrush. (Earliest) 17th January, Havant (J W). (Latest) 30th November, Ampfield (H W).

Song-Thrush. (Latest) 1st November, Bournemouth, in full song (M and F P) ; 9th and 11th November, Ampfield (H W). One singing with much vigour on 13th November and others on 17th. They continued singing strongly and continuously into December at Linwood. Birds in general were singing a great deal ; Tits, especially the Great Tit, being conspicuous (F H). S, Petersfield, comments on the vernal character of song at the beginning of December.

Blackbird. 17th February, Petersfield (W W) ; 23rd, Ampfield (H W).

Robin. 1st January, Havant (H B) ; 19th, Linwood (F H).

Hedge Sparrow. 5th January, Havant (J W).

Kingfisher. 30th March, Havant (H B).

Green Woodpecker. 5th January, Havant (J W) ; 16th February, Petersfield (W W) ; 9th March. Was uttering a vernal call in the genial conditions of midday at Linwood, 15th November to 26th December (F H).

Great Spotted Woodpecker. 12th March, Havant (H B) ; 18th September, Havant (H B).

Lesser Spotted Woodpecker. 8th March, Havant (J W) ; 27th September, Havant (H B).

Tawny Owl. 13th December, Havant (H B).

Little Grebe. 27th March, Havant (J W).

Wood Pigeon. 3rd March, Petersfield (W W) ; 15th, Linwood (F H).

Stock Dove. (Latest) 30th November, cooing, Ampfield (H W).

Redshank. 24th March, Havant (H B).

Snipe. Drumming, 23rd February, Linwood Bog (F H) ; drumming, 20th March, Ampfield (H W).

Partridge. 5th September, Havant (H B).

Thanks are due to many correspondents. The following abbreviations have been used :—

Capt. A. F. L. Bacon	(A B)	George Marples	(G M)
H. Beeston	(H B)	Col. W. A. Payn	(W P)
T. E. Belcher	(T B)	Miss F. Penrose	(F P)
C. J. Bellamy	(C B)	Miss M. Penrose	(M P)
G. Brasnett	(G B)	A. J. Ponchaud	(A P)
M. Chambers	(M C)	Miss C. Popham	(C P)
G. L. Chandler	(G C)	H. L. Popham	(H P)
Miss E. F. Chawner	(E F C)	C. W. Mackworth Praed	(C M P)
M. C. Dilke	(M D)	B. J. Ringrose	(B R)
J. Dover	(J D)	Mrs. Ringrose	(M R)
H. T. Gosnell	(H G)	W. C. Simmons	(W S)
E. M. Haines	(E M H)	Capt. T. Smith	(T S)
F. H. Haines	(F H)	Capt. J. Stares	(J S)
Mrs. E. Harrington	(E H)	J. W. A. Stares	(J W S)
L. H. Hewlett	(L H)	W. W. Thompson	(W T)
P. A. D. Hollom	(P H)	Miss E. M. Trotter	(E T)
Rev. F. C. R. Jourdain	(F J)	R. Watkins	(R W)
Miss S. K. Knight	(S K)	H. T. White	(H W)
H. Lea	(H L)	W. P. White	(W W)
H. M. Livens	(H M L)	J. Wilkins	(J W)

Extracts have also been used from *British Birds* (Mag. B.B.), *The Field Newspaper* (F.) and the Proceedings of the *Bournemouth Natural Science Society* (B.N.S.).

F.H.H. hopes that no error has occurred in the arrangement and completion of this Report for which he is responsible.

WILLOW AND MARSH TITS IN A HANTS GARDEN.

IN South Hants on the West of the New Forest the British Marsh Tit (*Parus palustris dresseri*) is, I am told, decidedly common, while the Willow Tit (*Parus atricapillus kleinschmidti*), though I am told it occurs in most districts in South Hants, is comparatively scarce. It may therefore be of some interest to relate that in my garden and grounds of about seven acres two pairs of Marsh Tits and one of Willow Tits bred in 1939.

Of the Marsh Tits, one pair took possession of a nesting-box. This nesting space was very restricted, and the nest probably in consequence contained very little moss in its foundation. In all other respects it was quite typical. The second pair of Marsh Tits used a larger nesting-box, and a much larger nest was built with plenty of green moss in its foundation.

The Willow Tit had a hole an inch or two deep when first noticed about the 26th March. Boring was begun at a small hole in the side of a dead stump about 5ft. high and the hole was 4ft. 4in. from the ground. Although the interior was decayed the wood was still hard, and it must have been a work of considerable labour to excavate a hollow 6½ins. deep and about 4½ins. in diameter. After the young had flown the stump was taken down and the hole examined in the presence of the late Rev. F. C. R., Jourdain after it had been sawn across and opened up. There were three infertile eggs and the nest was typical—a small pad of rabbit fleck mixed with fibre, no moss. When the nest was opened it became evident that the wood was further advanced in decay in some parts than others, and the Tits had kept away from the harder wood and concentrated on the more decayed part.

During the nesting period the Willow Tit habitually used the "Chay," "Chay," note, while both pairs of Marsh Tits used the typical "potchüü," followed generally by the typical string of scolding notes.

The nests, and the birds at intervals, were seen by Mr. Jourdain, and he was present when the nest was opened out and he confirmed identification.

BERNARD J. RINGROSE.

INSECTS IN HAMPSHIRE, 1939.

By F. H. HAINES.

JANUARY was a cold, wet month (Rainfall 6.56in. at Linwood) with some snow and little bright sun. February was cold and dry (Rainfall 1.64in.). There were frosty nights but an amount of sun and genial days. It was succeeded by a similar March (Rainfall 1.26in.), cold winds occurring. April was rather dry until the end (Rainfall 2.20in.), with genial intervals at the beginning and middle, but at times much cold wind and night frosts. The succeeding May was a dry month. There were cold N.E. winds for the first half, and later rain. The last third was very fine: much sun and great heat, but with some cool N.E. wind and coldish nights (Rainfall 1.67in.). The first third of June was hot, sunny and dry. Later the weather became broken with cloudy conditions, normal rainfall, cold wind, often thundery, and slight frost during some nights (Rainfall 2.21in.). A cool, very wet, often torrential July, bringing some cold nights, sunny intervals by day, but no continuous sunshine followed (Rainfall 6.1in.). August was a warm and dull, thundery month, but it yielded pleasant days (Rainfall 3.29in.). A severe thunderstorm and heavy rain (2in.) occurred on 3rd September, which afterwards proved a very dry month, being sunny but not hot. At the end it was colder: a few cloudy days and some slight night frosts occurring (Rainfall 2.59in.). October was a wet month, particularly in the first half, bringing much cold N.E. wind and night frost. Sunny days occurred, despite a rainfall of 5.52in. November was a mild, wet month, with little sun, calm except for one or two days, and a few slight frosts, with a rainfall of 6.69in. The earlier part of December was rather wet, and had little sun. The last third was very cold by night and day, but at times sunny. Much N. and E. wind prevailed. (Rainfall 1.86in.) The year was, like 1938, a poor one, generally, for insects.

I have no notes of importance in the *Apterygota* which contains the archaic, wingless orders *Protura*, *Collembola* (Springtails), *Campodeioidea* (*Campodea*) and *Thysanura* (Bristletails), nor in the *Anapterygota*, containing the orders *Mallophaga* (Bird-lice), *Anoplura* (Lice) and *Siphonaptera* (Fleas), once winged, but, owing to their parasitic life, now also wingless. There are notes in several orders of the *Exopterygota* (insects whose wings are developed outside the body: *Orthoptera*, *Hemiptera*) and in the *Endopterygota* (whose wings are developed within the epidermis: *Neuroptera*, *Lepidoptera*).

Orthoptera (Earwigs, Cockroaches, Crickets and Grasshoppers). The males of *Mecostethus grossus* L. were very common on Linwood Bog on 8th September, and an adult female was seen on 10th, after which date the species

became increasingly common. The females rest lower down in the herbage than the males which often fly more actively in the sun. All grasshoppers seemed to be over early: the very common waste land species, *Myrmeleotettix maculatus* Thunb., hardly lasted into October, the grass-loving, moorland *Omocestus viridulus* L. was over in September, and the rarer heathland *O. ventralis* Zett. yet sooner. The abundant *Chorthippus bicolor* Charp. disappeared from fields and sands after the beginning of October, as did the abounding agricultural species *C. parallelus* Zett. The bog-frequenting, long-horned *Metrioptera brachyptera* L. was as always very common here, but did not last far into October. The cold end of September, raw October, and the extreme wet of later autumn were doubtless the cause of the early dates.

Ephemeroptera (Mayflies). *Ephemera danica* Mull. was abundant on Ober Water on 4th June.

Paraneuroptera (Dragonflies). A teneral *Pyrrhosoma nymphula* Sulz. was seen in the garden on 18th April, a remarkably early date. R.T. noted the species at Wisley on 19th. Other specimens were seen on 6th and 10th May, after which it got common and lasted well, even into August, after the bad weather, the season being a very good one for it. *Calopteryx virgo* L. appeared here on 28th, both sexes being in profusion on Dockens Water on 29th, and widespread over the neighbourhood. The species continued beyond mid-August, despite bad weather. *Libellula depressa* L. was seen on 29th, and *Ischnura elegans* V. de L. and *Agrion puella* L. were seen at Mudeford on 30th. *Gomphus vulgarissimus* Leach. was out on Ober Water on 31st where it had emerged still earlier, several old cases being found. *Cordulia aenea* L. was observed by F.C.F. at Littlesea on 30th, as were *Agrion puella* L., *Ecnallagma cyathigerum* Charp., many *Brachytron pratense* Mull., *Libellula depressa* L. and *L. quadrimaculata* L. on 2nd June by me. Teneral *Platycnemis pennipes* Charp., teneral *Orthetrum caeruleum* F. and *Cordulegaster annulatus* Latr. were noted on Ober Water on 4th June. *Gomphus vulgarissimus*, some still teneral, was still numerous on 10th. On the bog, where *Ischnura pumilio* is found, *Agrion mercuriale* Charp., blue males of *O. caeruleum*, *P. nymphula* and *Palaeobasis tenella* Vill. were all numerous and pairing. Visits to Hern at midsummer showed that the terrain of *O. curtisii* was recovering, but very slowly, from the fire of July 1934. *Limenitis sibilla* had not reappeared, and *Theriodictyon montanum* Mg. and *O. curtisii* Dale were still hardly to be found. The metropolis of this dragonfly is the Moors River and the Stour, near their confluence, whence it flies to Ramsdown, Pokesdown and Parley Heath. It will doubtless return to its known grounds from its undiscovered sanctuary when the old haunts are again congenial and safe. Apart from the fire, the great heat and drought of 1934 must have exposed the nymphs bred higher up the stream to special dangers, through abnormally low water and ensuing ecologic changes. This archaic insect is on the extreme northern boundary of its range, and therefore specially susceptible to adverse conditions. *Oxygastra* is one of the comparatively few genera of dragonflies peculiar to Palearctica. *Sympetrum scoticum* Don. and *Lestes sponsa* Hans were rather common on the ponds at Ramsdown on 15th of July when B.M.H. felt sure she saw *O. curtisii* on the Moors River bank. A fine, but worn, specimen of *C. annulatus* Latr. was seen on Linwood Bog on 10th September. The species continued very late. *Aeschna cyanea* Mull. was seen here on 18th September, but it was scarce. *Sympetrum striolatum* Charp. was seen in October and continued late.

Hemiptera (Heteroptera, Bugs, and Homoptera, Frog-hoppers, Plant-lice and Scale insects). *Corixa venusta* D. and S. and *C. striata* L. were taken in Ober Water on 4th June. F.C.F. showed me, at Bournemouth on 26th July, a heavy infestation of *Prunus laurocerasus* (a most unusual food plant and not mentioned in Dr. Davidson's list) by a dark aphid, like *Macrosiphum sonchi* L., which had apparently migrated hither from *Cytisus*. *Chilacis*

typhae Perr. was abundant on *Typha latifolia* here on 21st August. A female of *Ledra aurita* L. was found on the door of a garden room on 26th August, and a male was seen near the spot on the 27th. No more could be found. One specimen had occurred here before. This curious insect is scarce and local, but is sparingly present in the Forest, living on oak. *Triecphora vulnerata* Illig. was again abundant. The strange nymph of *Centrotus cornutus* L. was taken on 22nd September.

Mecoptera (Scorpion-flies). Both the common species of *Panorpa*, *communis* L. and *germanica* L. were abundant from early spring. An extremely small specimen of *P. communis* was found here on 12th.

Neuroptera (Alder-flies, Snake-flies, Brown and Green Lacewings). A hibernated *Chrysopa carnea* St. (f. brum.) came to light here on the evening of 13th February, and another specimen of normal colouring on 8th April. Six larvae of *Westmaelius quadrifasciatus* Reut. were found on Farley Mount on 23rd April (F.C.F.). *Hemerobius atrifrons* McL. and *H. humulinus* L. were taken at Wilverley on 6th May. *Sialis lutaria* L. was out on the Avon at Ibsley on 14th May. Two specimens of *S. fuliginosa* Pict. were seen near Dockens Water on 27th, but this species has almost disappeared since a great flooding of the stream some years ago. *Chrysopa perla* L. was abundant on 29th. The large *C. vittata* Wsm. was taken here on 16th June, and was common in Ocknell, flying under thundery conditions, on 26th. None were to be found on 2nd July. *C. flava* Scop. occurred here on 8th July. *Hemerobius stigma* St. was very common everywhere on 23rd, as was *W. quadrifasciatus* at Bournemouth. So, too, had been *Micromus variegatus* F. (F.C.F.). A single *Eumicromus angularis* St. was taken here on 22nd August, in great contrast to its former abundance, and a second was taken on 22nd September. A possible larva had been found by F.C.F. on 20th August. *Chrysopa carnea* (f. brum.) came to light in a warm room here on 8th December.

Trichoptera (Caddis-flies). A great hatch of *Sericostoma personatum* Spence was noted on Ober Water on 21st May. The aquatic fauna of the Forest streams contrasts markedly with that of the Avon and the other Hampshire chalk rivers. Dockens Water is typical of the former. Cases of the larvae of *Silo*, *Hydropsyche*, *Hydroptila*, *Rhyacophila*, *Mystacides*, *Chaetopteryx* and *Sericostoma* occur in it, as do the plecopterous genera *Nemoura* and *Leuctra* and the neuropterous *Sialis*. The New Forest streams are acid, draining a leached soil without calcium (P^H 6.0 — 6.5; alkali reserve .05 p.p. 100.00). On the other hand the Avon is alkaline (P^H 7.5 — 8.0; alkali reserve of 19.3 p.p. 100.00), draining chalk until it enters the New Forest area. The stones become encrusted with Calcium Carbonate and in the interstices delicate larvae of aquatic *Coleoptera*, *Diptera* and *Trichoptera* shelter, while plecopterid, ephemerid and hardier trichopterid larvae cling to the outside. The average number of insects to a square foot at Latchmore is 68 in 10 different species, and the average number in the Avon is 384 in 15 different species. The food supply of algae is far greater in the Avon, acid waters being poor in nutrient salts. The substratum, whether mud, sand or stones, is important, both for mechanical and chemical reasons. The chemical factor P^H broadly determines the distribution of a fauna, but the substratum controls the details, giving firmer or softer foundation for the insect and other life, and the growth or deposition of its food, whether algal or detrital. The fauna alters as erosion or deposition takes place, the latter covering algae and profoundly affecting food supplies. Moon shows how, at Tyrrell's Ford, where a shallow lagoon with much mud has formed, apart from the main river, the fauna is either of the burrowing or swimming type, and very poor. The species number only 7 per square foot, with a thousand individuals, while in samples from the main river there may be 11 or 12 species, with from 111 to 225 individuals. The four different forms of ephemerid larvae (digging, flat, swimming and crawling)

show how important is the substratum in determining the nature of the inmates of a water. The degree of evolution of a stream, first swift, with algal food, and then sluggish with detrital food, is also fundamental. It may be indicated by the types of plant growth, these being determined by the silting and the percentage of organic matter in the soil. In an unevolved stream we find stones, erosion and algae, in an evolved stream, silt, deposition and detritus. Macan, studying plant succession in the Lake District, as a stream, lake or pool evolves, gives five types of emergent plants, and correlates the distribution of the *Corixidae* therewith: *Typha latifolia* grows when the rate of increase of per cent. o.m.s. is low, then *Phragmites communis*, *Scirpus lacustris*, *equisetum limosum* and *Carex inflata* in succession as the rate increases.

A consideration of the various factors quoted above may explain why *O. curtisii* is so local. As the parent butterfly is instinctively led to deposit its eggs on the right plant, so is the dragonfly led to that stretch of water which alone suits its nymph and to which its homing instinct bids its return. The course of the Moors River is through the Lower and Upper Eocene of the Tertiary. The Stour traverses the Upper Oolite, Chalk and the Lower and Upper Eocene, like the Moors River. The Avon keeps its character of a chalk stream, even after it has traversed the New Forest Tertiary formations. The dragonfly evidently requires, with shelter, low elevation and warmth, an evolved stream with an acid tendency. It has never been connected with the alkaline Avon. Though it has been only doubtfully reported in the New Forest, its streams would largely resemble the Moors River in constitution. Some other subtle factor must be present, too, which careful examination of the water of its haunts might disclose. The Moors River is in places muddy, with deep holes. It may be pointed out that the Stour, though more alkaline than the Moors, would be practically of the same constitution *just below* the confluence and entirely different to the Avon, on which, though so close, *O. curtisii* has never been reported. I am under obligation to Mr. T. T. Macan, M.A., F.R.E.S., and to Mr. A. H. Moon, M.A., for data used, and their respective papers, "Evolution of Aquatic Habitats" (*Journal of Ecology*) and "The Ecology of Aquatic Insects" (*Trans. Soc. for Brit. Entom.*).

Lepidoptera (Butterflies and Moths). *Operophtera brumata* L. came to light on 16th January. A worn *Vanessa* to L. was sunning itself on 9th February. A fine male *Vanessa c-album* L. was in the garden at 12 p.m. on the genial 19th. *Xanthorhoe multistrigaria* Hw. came to light in numbers on 13th March. *Gonerteryx rhamni* L. and *V. c-album* were seen on 31st March. *V. urticae* L. roused from hibernation in the house and flew into the garden on 1st April. *Pieris rapae* L. appeared on 10th April when *Hibernia leucophaearia* Schiff. was still flying. *Pararge aegeria* L. was seen on 12th April. *Depressaria arenella* Schiff. was active after hibernation at evening on 14th April. *Ectropis biundularia* Bkh. was seen at Matley Bog on 7th May. *Hesperia tages* L. was out on 20th. *Pieris napae* L., *Coenonympha pamphilus* L., *Pseudopanthera macularia* L. and a three-quarter grown larva of *Odonestris potatoria* L. and many *Bupalus atomarius* L. were noted on 21st, and *Thecla rubi* L. and *Tyria jacobaeae* L. on 23rd, and *Chrysophanas phlaeas* L. on 26th. *Melanchra myrtilli* L. was flying over flower beds, and *Lycaena argiolus* L. was seen at Linwood on 27th. *Argynnis adippe* L. appeared on 29th when *L. icarus* Rott. was noted. *Hydriomena bilineata* L., *Pararge megaera* L. and *Euchloe cardamines* L. were out at Mudeford on 30th. *Pieris brassicae* L. was in numbers at Bournemouth and several *Eriogaster rubi* L. were careering in the afternoon sunshine by the Ober Water on 31st. *Hemaris bombylifformis* Esp. and *H. fuciformis* L. were noted and *Heliothis dipsacea* L. was flying actively here on 5th June. A fresh *V. cardui* was seen at Mogshade on 8th June and a faded one on Ibsley Common on 12th. *G. rhamni* was still in plenty and pairing on 9th. A *Sphinx pinastri* L. was resting on an outside door here at 5 p.m. on 15th, demonstrating still further its advance from Dorset into Hampshire. A few *Tortrix viridana* L.

were here and in the Forest on 21st. Several *Epinephele janira* L. here, *Limenitis sibilla* in the Forest and *Lycaena aegon* Schiff. at Ocknell and Minstead were noted on 25th. Full-grown larvae of *Tyria jacobaeae* L. were met with at Holmsley on 30th. A fresh female of *V. c-album* was about the garden on 7th July, and *Epinephele hyperanthus* L. on 11th. A female *V. c-album*, seen on bracken, with its wings closed over its back, showed remarkable mimicry with the curled pinnae. A blackbird caught a *V. urticae* near me on 12th. It was held by the hind wings which were closed over the back. The bird at once bolted the whole insect. Had it escaped, the incisions would have resembled those often seen on the wings of butterflies, sometimes, too, on the wings of grasshoppers and other insects. Other *V. io* and *V. urticae* have been seen thus mutilated this year. *Satyrids* during the wet, rainy days in July braved the weather, and the abundant Wood Argus, Ringlets, Meadow Browns and Gatekeepers lent animation to the gloom. Such butterflies have sombre colours and, I believe, in the tropics there are certain night-flying butterflies, and even dragonflies, of appropriate hues. Tillyard mentions a genus *Argiolestes*, the rock-dwelling species of which tend to become dark, while orange or red colours are developed in those of dense jungle. *Satyrus semele* F. was out on 23rd July. *V. urticae* came in for hibernation on 7th August. The summer brood of *L. argiolus* was seen on 14th August. One of the very abundant *V. io* entered the house for hibernation on 15th. The larvae of *Sphingidae* were very scarce. A specimen of the August brood of *Pararge megaera* L. was not seen until 30th, and this brood, like that of the spring, was almost non-existent. At the end of August and beginning of September, a great irruption of *Plusia gamma* L., previously rare, occurred here, all being worn. It was noticed that when the shadow of a flying bird passed over a *V. atalanta* with its wings outspread, they were quickly raised, thus instantly obscuring the insect. This act is, I think, specially seen in showy insects. Burr relates how the rich colour of the underwings of foreign grasshoppers assists their escape. A bird will chase the bright flash, but when the insect settles and the colour disappears, hidden by the neutral coloured front wings, it will give up the chase in bewilderment. A fresh female *V. c-album* was on heather here on 18th September, and several others were seen later. *P. aegeria* was still flying in the garden on 6th October.

F.C.R.J. reports *Coleus croceus* Frc. as very scarce in 1939. He saw one on 28th September resting within about a hundred yards of the sea at Southbourne. He did not find *V. atalanta* very scarce at Bournemouth, as stated in records of immigrant insects. He generally counted about 12 in his garden on 29th September and following days.

A.F.L.B. saw *V. urticae* on 15th February, *G. rhamni* on 3rd March, *Brephos parthenias* L., flying high up amongst birch on 8th April, and several *B. parthenias* and *B. notha* Hb. on 9th. Both had gone by mid-April. *T. rubi* was flying on the downs on 7th May. He only saw one *L. argiolus* on his own grounds (on 21st May). He reports *L. mimimus* Fuesl., *L. bellargus* Rott., *C. astrarche* Bgstr., *L. icarus* Rott., *T. rubi*, *H. malvae* L., and *H. tages* L. on the Winchester downs on 30th May, an extremely hot day. Two *Nemeobius lucina* L. were probably seen in a wood near Winchester and *A. plantaginis* L., found there forty years ago, was again found near by. A.F.L.B. noted *V. cardui* and *V. atalanta* on 9th June and a very large pale *V. cardui* on 25th, and two more *V. cardui* on 27th. Several *Anarta myrtilli* L. were seen over heather on 7th July and others on 9th, flying fast in the sun. Three *L. sibilla* and one *T. quercus* were seen near a wood on 12th, and two *L. aegon* on a common. *A. paphia* L., *sibilla*, *T. quercus*, a brilliant *V. c-album* and *Pamphila thaumas*, Hufn., were all flying on 13th July. *L. sibilla* was seen in a new locality, a cut-down pine wood with no oak wood nearer than half-a-mile, on 31st. *Zygaena filipendulae* L. was on the downs on 6th August, and *L. corydon* and *C. astrarche* (2nd brood) on 12th. A *G. rhamni*, on 13th August, settled on the back of a rhododendron leaf, was almost invisible. *Amphipyra pyramidea* L. was noted

as coming to light, a rather rare thing, on 14th August, as several others had done before. The summer brood of *V. c-album* was just out on 16th August and *S. semele* on 17th August. A.F.L.B. saw *V. atalanta* and *V. urticae* in great numbers on garden flowers from 15th September onwards. He saw four *V. c-album*, one *V. io*, countless *V. urticae*, and several *V. atalanta* on one aster on 29th September. He thinks it was not a bad year, considering the rainfall. There were many *Noctuae* about by night at flowers.

In the *Journal of the Society for British Entomology* (Vol. I, Pt. 9) there are interesting accounts of the capture of *Telphusa aethiops* Westw. near Chandlersford and *Whittleia reticilla* Newm. at Cracknore Hard. The *Entomologist* has the following: Two *V. atalanta* on 20th February in the Forest, and two others on 10th December and in middle of January; *Hyloicus pinastri* L. taken at light on 10th June at Brockenhurst; *V. cardia* and *C. croceus* in New Forest on 5th June; a gynandrous *A. paphia* taken near Burley on 4th July; *Eupithecia irriguata* Hb. in the New Forest; larvae of *Plusia chryson* Esp. in the Test valley; *Oeonistis quadra* L. on oak in Wilverley; *V. antiopa* at Minstead on 4th September; two striking aberrations of *E. tithonus* in the Forest of Bere in late July; *Oeonistis quadra* and *Catocala promissa* Esp. in the New Forest in August; *Thecla quercus*, var. *bellus*, in the New Forest on 15th July; *Catocala fraxini* L. taken at Aldershot on 24th September; an unusual abundance of *V. c-album* in Havant Thicket, which produced more than a normal number of var. *hutchinsoni* Rob. In the *Entomologist* of December 1939, the immigration of Cabbage Whites which extended from the end of May to the end of August is referred to, *P. rapae* often predominating. They appeared to come down the English Channel, and not from the Baltic this year. F.C.F. states that at Bournemouth, between 10 a.m. and 2 p.m., scores of *P. rapae*, with some *P. napi* and a few *P. brassicae*, appeared fresh and, after a rest, flew S.W. against a light wind on 28th July. *P. brassicae* and *P. rapae* were flying inland, northwards, at 300 per hour on 25th August. S.G.C.R. comments on the absence of the pupae of *P. brassicae* after a plague of larvae, and queries whether the immunity from attack by birds has ceased, as in the case of *V. urticae*. F.C.F. records a *Sphinx convolvuli* L. on 20th September, and comments on its much greater size than any of his Indian specimens. The exceptional number of *E. semele* and *E. tithonus* and variations in the latter species in N.E. Hampshire are alluded to on p. 294 (*Entomologist*). In the *Entomologist* for January 1940, S.G.C.R. questions whether the association of ants with lycaenid larvae is beneficial, and quotes his experience pointing otherwise.

C.M. sends records of twelve *Drymonia trepida* Esp. and one of the rare *Odontotia camelita* Esp. taken in Rhinefields at light in April.

Coleoptera (Beetles). *Hydroporus angustatus* St., *H. palustris* L., *H. nigrita* F., *Agabus didymus* Ol., *Dytiscus semisulcatus* Ml., *Gyrinus colymbus* Er., *Philydrus coarctatus* Gd., *Anacaena globulus* Pk., *A. limbata* F., *Laccobius* (?) *sinuatus* Mots., var. *maculiceps* Rott., and *Hydrochus angustatus* Gm. were taken in Ober Water on 4th June. A larval *Lampyris noctiluca* L. was found here on 27th April. *Melolontha vulgaris* F. was seen here on the evening of 4th June and another on 22nd. *Cicindela campestris* L. was extremely numerous in Berry Wood on the 7th. *C. sylvatica* L. was seen between Sloden and Hasley on 12th. There was a remarkable scarcity of *Pyrochroa coccinea* L. throughout the Forest, but E.M.R. saw it in plenty. A *Lampyris noctiluca* which appeared on 9th June showed its light for ten days near the verandah. It then moved to a near-by flower bed and continued to display there until about the 21st July. A male of *Lucanus cervus* L. was found dead in Ellingham Drive on 10th of July. *Amphimallus solstitialis* L. was seen at Breamore on 16th. Many *Lampyris noctiluca* displayed on 25th. Several *Cassida viridis* L. were found on thistles on 19th August. *Aromia moschata* L. was very common here on Angelica flowers on 21st August, continuing for some time. E.M.R. took some

Geotrupes pyrenaeus Charp. flying in sunshine in Rhinefields on 15th: *Apion flavipes* Pk. and *A. meliloti* K. were taken at Burley on 20th and *A. pallipes* K. and *A. carduorum* K. at Farley Mount on 22nd.

Diptera (Flies). *Eristalis pertinax* Scop. had become very common by the 9th April, basking and hovering. A small *Bombylius major* L., like those in Webb's Copse, occurred here on 23rd May. *Leucozona leucorum* L. and *Xanthogramma citrofasciatum* Deg. were very common on 26th. *Therioptectes bisignatus* Jaen. was seen on 29th, when many *Merodon equestris* F. were over the bulb beds. *Calliprobola speciosa* Rossi. was flying in Mark Ash on 1st and 6th June. *Physocephala nigra* Deg. and *Chrysotoxum octomaculatum* Curt. were seen in some numbers, and *Cinochira atra* Zett. and *Sarcophaga dissimilis* Mg. were noted at Studland, and *Conops versicularis* L. was seen here on 2nd June. *Xanthogramma ornatum* Mg., *Chrysotoxum octomaculatum* Curt. and *Physocephala nigra* were noted here on rhododendron on 4th June, and *Aedes* was very common at Marlborough Deepes. *Calliprobola speciosa* Rossi, *Xylota lenta* Mg., *Criorrhina floccosa* Mg. and *C. herberina* F. were seen in Mark Ash on 8th. *Brachypalpus bimaculatus* MCG., which occurred here on 16th, and many *Ctenophora pectinicornis* L. were seen out in Wood Crates on 9th. The season was bad for *Tabanidae*. *Anthrax fenestratus* Flin. was settling on the paths on 7th July and *Echinomyia grossa* L. was frequent on Heracleum giganteum. *Hilara chorica* Flin. and dipterous larvae were found inhabiting the burrows of *Cryptorhynchus lapathi* L., with small beetles (*Staphylinidae* and *Nitidulidae*) and their larvae, on 8th July. A male *Therioptectes distinguendus* Verr., as on previous mornings, was hovering early over a path here on 12th. F.C.F. picked up a cone of *Pinus sylvestris* on 6th August. A number of the tachinid, *Paraphorocera semilis* Mg., were sheltering therein like bees in a comb. *Anthrax circumdatus* Mg. occurred on Angelica on 19th. Further specimens were taken by J.E.C. on 20th. *Tabanus miki* Brauer was caught by C.D.D. at Rhinefields and *Chlorops rufum* Ztt. and a *Syntomogaster* were found here on 23rd. *P. nigra* and *A. circumdatus*, rare flies, common locally in Dorset, had never appeared here before this year. *Stomoxys calcitrans* L., a fly like *Musca domestica*, was reported by Dr. Beddard as settling on and puncturing people's ankles, no other parts being attacked, in autumn at Linford. Great numbers of *Pollenia rudis* F. ("Cluster-Fly") appeared in the house for hibernation on 7th October, and a vast number of a small species of phorid and a chalcid were also common. Such occurrences are frequent. The two latter may be parasitic on some large spiders (*Amaurobius* or *Tegenaria*) whose dead bodies are sometimes found.

Hymenoptera (Sawflies, Ichneumon-flies, Ants, Wasps and Bees). *Apis domestica* L. was working crocuses here on 19th February, as was *Bombus lucorum* L. on 10th March, when *Andrena albicans* K. was seen on shallows. A queen *Vespa crabro* L. emerged from hibernation in the house on 10th April. *Bombus agrorum* F. was seen in the garden on 20th. Several queen wasps were prospecting for nests on 21st. *Bombus venustus* Sm. was seen on 12th May. A large female *Rhyssa persuasoria* L. was observed near dead wood here on 1st June. *C. lapathi* has infested *Salix* here for over 12 years. Although *Ephialtes tuberculatus* Frc. and *E. carbonarius* Chr. both possible parasites occur in the Forest, it was not until late summer, this year, that the former appeared to discover its prey. A great increase in numbers both of individuals and species of *Bombus* is obvious since undisturbed natural conditions have obtained on my ground. F.C.F. gave me a cocoon of *Arctio caja* L., found on 23rd July at Bournemouth, containing two tachinid pupae, one of which had disclosed several of the braconid, *Macrocentrus abdominalis* F., as hyperparasites. This braconid is usually a direct parasite of Lepidoptera, and never hyperparasitic. F.C.F. told me on 6th August that he had bred large numbers of a tiny proctotrypid from eggs of *Eriogaster rubi* L., which would normally have produced larvae of the host about three weeks before. *V. crabro* was reported as numerous

at Linwood, but it was usually scarce, and the other species of *Vespa* remained few until the end of the season. Species of *Odynerus* and *Megachile* were abundant here in August. *Mutilla europaea* L. was common from early to late in the season. A male was on *Scabiosa succisa* on 26th September. A fresh male of *Bombus terrestris* L. was basking in the sun on a door on 19th September. Male ichneumons (especially *I. extensorius* L. and *I. confusorius* Gr.) were very numerous as usual in the autumn. The reactions of the threatened host to the presence of the parasite and the method of attack have not been sufficiently studied. I note spiders, e.g. *Linyphia*, threatened, often drop. Lepidopterous and tenthredinid larvae jerk their bodies violently and, if furnished with protective fluid, will of course eject it. Their efforts usually seem in vain. Even the most carefully constructed spider's nest, too, is not proof against the attack on its eggs of *Pezomachus*, and the *Chernitidea* are victimized at seasons when the integument is soft and they are inactive. *Ophion obscurus* F. came to light on the evenings of 9th and 16th November.

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February 17th, 1940.

NOTES ON GENERAL ZOOLOGY.

By F. H. HAINES.

Mollusca. It may be worth noting that the usually abundant *Helix aspersa* Müll, is quite absent from Appleslade, and *H. nemoralis* L. uncommon.

Arachnida. *Pisaura mirabilis* Clk. and early *Lycosidae* had become numerous by 30th March. Spiders, like insects, as evidenced by beating and sweeping, were not usually in normal numbers. There was much gossamer on 9th April after a cool night, and on 21st May. There were also conspicuously heavy falls of gossamer on 27th July, after a cold night with heavy dew; at the end of August; from 5th to 9th on misty nights, and again on 25th September, as on 12th November.

Amphibia. Common Frog (*Rana temporaria* L.). Many tadpoles were in a pond here on 20th May. The spawn had escaped notice. They perished, from the drying up of their haunts, and enemies.

Reptilia. Sand Lizard (*Lacerta agilis* L.). A cat caught one on 3rd March, and the species was frequently seen on genial days on suitable heathland.

Common Lizard (*Lacerta vivipara* Jacq.) is not as common in the Forest as *L. agilis*. One was basking in the sun and watching for insects here, on 26th August.

Slow-worm (*Anguis fragilis* L.) was abundant as usual.

Grass Snake (*Tropidonotus natrix* Sch.) and Adder (*Vipera berus* L.) were not numerous in our neighbourhood. The latter was not seen by me until 27th May, at Newlands, but they were common in Linwood in mid-August.

Cheiroptera (Bats). Hardly a species was noted except the Common Bat (*Pipistrellus pipistrellus* Schr.) in small numbers. The Noctule (*Vesperugo noctula* R. and B.) entirely deserted its usual beats.

Carnivora. Fox (*Canis vulpes* L.). A vixen was barking at evening on 29th January.

Insectivora. Common shrew (*Sorex araneus* L.). Two were found dead on 22nd April and one, almost adult, on 11th August, and another adult on 11th October. Several were noted on 15th October, the heavy rains having flooded the lower ground and ditches. Autumn mortality was light.

Pigmy Shrew (*Sorex minimus* L.) was scarce. One was found on 15th October.

Water Shrew (*Neomys fodiens* Pal.) was not seen more than once or twice.

Rodentia. Red Squirrel (*Sciurus vulgaris* L.) is much too rare in the New Forest. *S. carolinensis* is absent.

Wood Mouse (*Mus sylvaticus* L.) was very scarce in the beginning of the year, and remained so until mid-September, when several were seen. In October very young ones appeared from 8th to 18th and, after 21st October, one-third grown ones were numerous, cats taking heavy toll. Litters must have been few and the season adverse.

House Mouse (*Mus musculus* L.). This house is isolated, and there are no House Mice. One was caught in the open by a cat on October 15th. Outdoor are more sandy than indoor House Mice, but this one was not markedly so.

Brown Rat (*Mus decumanus* Pal.) is almost non-existent here, as are rabbits. A cat brought in an adult on 15th October.

Bank Vole (*Evotomys glareolus* Shr.) was almost absent. Cats brought in only one or two young, one-third grown, the whole season.

Field Vole (*Microtus agrestis* L.) were not numerous early in the year, but half-grown ones were noted in March and, in April, all ages, specially one-third and half-grown ones, appeared. In July the numbers waned. A slight recrudescence was noted in September, but they were few to the end of the year, probably the result of the wet.

Common Hare (*Lepus europaeus* L.) is never common.

Rabbit (*Lepus cuniculus* L.) was abundant on this ground until 1927, when it was thought right to banish them. The following experience is economically significant. A keeper with ferret, net, gun and dog was so efficient that rabbits have been practically absent ever since. Having encouraged such animals as foxes, stoats and weasels, and predacious birds, they have never returned. Farmers' losses from the raids of mice, rats, voles and rabbits far outweigh the trivial loss of poultry that might ensue from the presence of the carnivores. Leaving mere poultry farming and game preservation out of the question, the most economic policy for farmers depending on hay, corn and roots is to preserve them. Lately a favourable summer for rabbits led to a slight invasion from outside, but cats brought in one-third and half-grown rabbits in July, and helped to check the invasion too. This is only my experience with a small area of ground, but the principle would surely hold true with larger tracts.

Cetacea. Porpoise (*Phocaena communis* Cuvier.). The Rev. F. C. R. Jourdain reports that a large Porpoise was cast ashore at Southbourne last autumn. He saw it on 11th November. It was then partly buried in the sand, and decomposing. The length was made out to be 10ft. or a little more, a remarkably large specimen. There was one wound visible, but not enough to cause death, perhaps due to a depth charge? It was subsequently cut up and removed by the Corporation.

SUBJECT SECRETARIES' REPORTS.

FIELD ARCHAEOLOGY, 1939-40.

The petrol and other restrictions of War-time have made Field Archaeology difficult to pursue, and my list of interesting localities discovered or investigated is a short one.

(1) The making of a Rifle Range on **Moody's Down** near Barton Stacey has resulted in the complete removal of the north-easterly of the pair of long barrows on the N.E. of the Winchester—Andover Road. This is unfortunate, as the difference in shape and size from its fellow would have made close watching of the removal worth while with a view to possible dating. Fortunately the exact measurements of these barrows are on record, and the skull and bones of the interment were preserved by the Contractor.

(2) **Claesentum**. The Club will remember that a small Committee was appointed last year to collaborate with the Oxford Society for the Promotion of Roman Studies in excavating a site reclaimed some years ago from the mud just outside the probable line of the walls of Claesentum, and which seemed very likely to include part of the quays of the Roman port. The present owners, the Corporation of Southampton, after endless delays, gave permission for a sufficiently deep excavation, when war broke out and the site was immediately required for an Air-Raid Shelter. Beyond watching the Corporation's excavation and drawing and photographing the sections exposed, we could do nothing further. I will submit a short report of our small Committee, which consisted of Mr. Grimes, Assistant Archaeological Officer of the Ordnance Survey; the Southampton Borough Surveyor, Mr. Dudley Waterman; the Professor of Classical Studies, Southampton University College, and myself.

(3) Mr. H. T. White, of Ampfield, tells me of a site near his house where late Celtic and (?) Romano-British pottery is to be found, and I know of quite half-a-dozen other such sites where pottery has been collected and in some cases sent to museums or our Club's repository in the cellars of the County Surveyor's Department at the Castle. In such cases they remain unrecorded and unpublished. I feel sure that if any member will take up the study of prehistoric pottery our present Subject Secretary would welcome his assistance.

(4) Mr. Willis has reported to me a Roman site in the Basingstoke District whence he has obtained a good many pottery

fragments and a "slickstone," and placed them in the Basingstoke Museum. I append his report :—

"Favourable weather conditions have assisted in the recent discovery of the site of another local Roman building, on ploughed land just to the east of Steventon Manor Park by the North Waltham—Steventon footpath. Abundant fragments of roofing material, both of foreign stone and of tile, attest the former existence of a large building evidently of simple character and possibly connected with agriculture. Little pottery was visible, but the site was happily 'hall-marked' as definitely Roman by the discovery of a piece of pseudo Samian ware. The fragment of a quern was picked up, but the most distinctive find was that of a 'slickstone' in the form of a large pebble of red quartzite with its ends flattened by very hard use and its surface almost entirely covered with polish due to mechanical friction. Several of this specific type have been found in this district and in more than one case on or near Roman building sites, involving the conclusion that these red polished pebbles are of Roman date. One was found in a field adjacent to 'Stanchester,' and two were picked up on the Lanham Down Villa site.

"An even more intriguing type of 'slickstone' is that composed of pure flint, first pounded to spherical form and then ground to a smooth surface by the use of the same technique as that applied to polished celts.

"It is assumed that these flint examples, made from local material, pre-dated the red quartzite, which is not of local occurrence and had to be imported.

"All specimens in hand are on show in the Basingstoke Museum and invite comparison with any found elsewhere.

J. R. ELLAWAY.
G. W. WILLIS."

(5) **King John's Hill, East Worldham.** "This curious hill," as Gilbert White calls it, was begun to be excavated last summer by Major Ferguson of East Worldham House, with the help of Mr. Curtis and Mr. Warner of the Alton Museum.

The hill is a rough oval mound about 100 yards or more by 50, and stands up about 70 feet above the surrounding country. It is evidently an outlier of the greensand out-crop of Selborne and has been quarried for "maulming" the land.

The top of the hill is flat and open and was under cultivation during the last century. The sides are thickly wooded and on three sides at least slope very steeply down from the top for 20 to 25 feet at a slope of 1 in 3 or 1 in 4. I saw no signs of a bank or ditch and could not be certain if this steep scarp is natural or partly artificial; below it the slope is more gradual. The approach is up the N.W. corner, and below this side is a meadow and stream where there is said to have been a mill.

Trial trenches have been dug in half a dozen places on the flat top of the hill, and everywhere under the 9 inches or so of ploughed soil there are signs of occupation—floors of so-called mortar—sandy, gritty material with pieces of “maulm” stone, plenty of oyster shells, fragments of tiles and pottery, some of which can be fitted together, with rims, all of which appear to be mediaeval. A piece of a Bellarmine jug has been found; such ware is said to have been imported into England early in the 14th century.

Three or four short lengths of walls built of rough stone not properly shaped have been found, but not so far fitting into any definite plan. The best preserved piece of building found so far is a stoke-hole about 6ft. in length and 3ft. across, ending in an oven about 3ft. square built of squared stones, all showing charcoal and marks of fire.

(6) Mr. Arthur Arnold, of Wickham, kindly called my attention last year to a large area of burnt flints on the track just inside the wood above St. Clair's Farm, a couple of miles N. of the road from Bishop's Waltham to Corhampton. The road is typical of that country running up a small “dean” the bottom of which is hard and stony owing to the large quantity of flints washed down from the “clay with flints” which cover the sides of the valley. Most such deans carry such roads—this one curves up to Corhampton Beacon, the upper end being known as Betty Mundy's Bottom from an old woman who preyed upon travellers.

The dean has been dug for road flints for generations, hundreds of tons have been taken out this year. They lie in a loose tertiary debris 3ft. or so thick, both within the edge of the wood and outside it. Inside the wood, however, apparently on both sides of the road, is an area, estimated to be 100 yards by 50, where for the depth of 23 inches the flints have been burnt and the intervening loose soil blackened by fire.

The question to be solved is what sort of fire caused these results? I think prehistoric cooking sites may be excluded, for the patch does not shew single hearths or any relics of occupation, though there are some doubtful lynchets higher up the slope. The soil is extremely loose and vegetable rootlets have penetrated quite deep into the carbonaceous matter since the fire. An ordinary heath or wood fire does not I think penetrate more than a few inches into the soil. Lightning has been suggested; perhaps some member has had experience of some such effect. Is it possible that a large stack of faggots or timber, such as must have been in use before the days of coal, can have caught alight and smouldered for weeks in the exceptionally loose soil?

Mr. McEuen said that the site was known to old inhabitants as having been one much used in former days by charcoal burners. This seems a probable explanation.

J. W. F.

April 28th, 1940.

H

ARCHITECTURAL SECTION.

The Foundations of Winchester College.

Settlements in the western part of the range containing the Chapel and Hall had for long given anxiety to the Warden and Fellows. It is perhaps not too much to say that this anxiety was first felt five hundred and fifty years ago, for the first settlement seems to have appeared before the completion of the building. Investigation showed that the building was supported on timber piles, and it was clear that these must be replaced by a more durable material. The object of these notes is to record the character of William of Wykeham's foundations. The part actually underpinned was the four-storeyed building at the west end of Seventh Chamber and Hall, containing the vaulted Cellar, Hatches, Audit Room and Cheese Room. Cloister is built on a similar foundation and there can be little doubt that the same system of timber piling was followed throughout College.

Wykeham's builders proceeded as follows: They dug the trenches for the foundations through mixed soils to a depth of about 6 feet. At that level they came to subsoil water. Below this the ground was peat and silt. Wood piles with pointed ends were driven, close together, through these strata and reached a very solid bed of gravel about 5 feet lower. The piles vary much in size: from 9in. to 15in. It was impossible to determine whether the piling consisted of two rows under the inner and outer faces of the wall, or extended through the entire thickness of 5 feet. On the top of the piling was laid planking 4 or 5 inches thick, and on this was built the battering (sloping) plinth of excellent masonry.

T. D. A.

PHOTOGRAPHIC SECTION.

Until the outbreak of war the work of the Section was proceeding satisfactorily. A number of churches were completely recorded by several members. Of particular interest are a large number of photographs of water-colours, executed by R. H. C. Ubsdell in 1840-45, of churches in the diocese. Many of these churches have now disappeared or have been greatly altered.

A large collection of lantern slides and negatives belonging to the late R. W. Hooley has been presented by Mrs. Wilde.

In April, an Exhibition of about 2,000 selected photographs was held at University College, Southampton, by kind permission of the Principal.

Since the beginning of the war the activities of the Section have been limited. The photographs (over 5,000), the property of the Hampshire Field Club, which were stored at University College, Southampton, have been removed for safety to the repository of Messrs. Chaplin & Pickford, St. Paul's Hill, Winchester. These and some 200 other photographs still in the care of the Hon. Secretary have been insured against fire risks for the sum of £320.

The negatives lately stored at the Courtauld Institute have been removed, with the owners' consent, to a place of safety in the West of England. While there they will not be available.

The work of the Section is still being carried on in a restricted manner. Members are therefore asked to continue to take photographs when possible, but to retain the negatives and prints in their own possession until further notice. The Hon. Secretary will ask for these as he is able to deal with them.

On May 3rd, 1939, the Committee of the Section instructed the Hon. Secretary to send the following resolution to the Council of the Hampshire Field Club :—

"The Photographic Section of the Hampshire Field Club urges the Council to obtain the use of a room for the storing of the Society's collection of photographs and wishes to point out that such a room would be of use to other Sections and for Council and Committee meetings."

It is hoped that when circumstances permit the Council will find it possible to adopt this resolution and put it into practice.

The Hon. Secretary asks members to note his change of address from Croylund, Romsey, to The Old Rectory, Stockbridge.

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

ARTHUR R. GREEN, *Hon. Secretary.*

P.S.—The Photographic Section has sustained irreparable loss by the deaths of two most excellent photographers and contributors, Mr. George Marples and Capt. William Middleton. Capt. Middleton's photographs of the ancient glass of the County are most valuable, and we deeply regret that he was not able to finish his work.

FOLK - LORE SECTION.

The response to the circular issued last April which announced the opening of a Folk-Lore Section of the Club has fully justified the new departure. Items of interest have been contributed from different parts of the County, which show how much still remains current among Hampshire folk in the way of belief and custom, and all that constitutes the local body of the lore of the people.

Before giving the results of the collection that has been gathered for the new Section, attention should be called to a book, published some years ago and called *It Happened in Hampshire*. This contains many legends, stories and sayings, together with local names of flowers and birds, well worth their place in any record of the County folk-lore.

A record of a Hampshire Mummers' Play, from Crondall, as remembered and written down by one of the performers (named Hoar) who took part in it 60 years ago, has been sent me. It runs as follows :—

CHARACTERS.

FATHER CHRISTMAS.

KING GEORGE.

BOLD ROAMER.

BOLD SLASHER.

DOCTOR.

BOLD TURKISH KNIGHT.

TRIM TRAM.

Commences by troupe singing Old-English Christmas songs, after which No. 1 starts as under :—

FATHER XMAS. In come I, old Fat and Fine, half starved and stine (?)
Blind ; broke my back and broke my wind,
One eye out and one eye in.
In my hand is a frying pan,
Don't you think I'm a jolly old man ?

Reply by ? Jolly enough, Father, but you seem rather feeble to-night.

FATHER XMAS. Ay, so would thee be, my son, if you had travelled as many miles as I have. I have travelled both far and near. Yet I should like a mug of thy strong beer.

? ? A mug of my strong beer ?

FATHER XMAS. Yea, a mug of thy very best, and I hope in heaven thy soul shall rest. For on this ground there shall be shown the most dreadful battle that ever was known, betwixt King George and my two sons.

Enter BOLD ROAMER.

BOLD ROAMER. In come I, Bold Roamer,
Bold Roamer is my name,
And known to the world
For my fighting fame.
And I'll fight King George with courage bold,
And if his blood's hot I'll quickly make it cold.

KING GEORGE. Ha, Ha, my friend, King George is here ; and what knavish proud trick have thy fellow done ? I'll quickly take thy life from thee, or thou shalt, from me. So prepare thy sword to fight. For satisfaction I will have from you before you go this night.

BOLD R. No satisfaction at all, King George ; for in less than three minutes thy life I'll take from thee. So battle to battle, you and I will call, to see which on this ground shall fall. So battle to battle you and I will play, to see which on this ground shall lay. So mind your hits and guard your blows ; defend your face, and eyes also.

(*KING G. kills BOLD R. Troupe sings while fight is on. Enter BOLD SLASHER.*)

BOLD SLASHER. In comes I, Bold Slasher, Bold Slasher is my name. With my sword and buckle at my side I hope to win this game. My head is made of iron, my body's lined with steel, My fingers to my knuckle bones. I'll fight King George, all in this field.

KING GEORGE. King George is here. What knavish proud trick have thy fellow done ? I'll quickly take thy life from thee, or thou shalt from me. So prepare thy sword to fight ; for satisfaction I'll have from thee before thou go this night.

BOLD S. No satisfaction at all King George, for in less than three minutes thy life I'll take from thee. So battle to battle you and I will call, to see which on this ground shall fall. So battle to battle you and I will play, to see which on this ground shall lay. So mind your hits and guard your blows ; defend your face, and eyes also.

(*KING GEORGE kills BOLD S. Troupe sings while fight is on.*)

FATHER XMAS. Oh you good for nothing fellow, what have you been and done ? You have killed my two sons, the only two I have. Oh Doctor ! Doctor ! Is there a noble-handed doctor to be found, that can cure my two sons, lay bleeding on the ground.

(*DOCTOR enters.*)

DOCTOR. Oh yea, oh yea, there is a noble-handed doctor to be found, that can cure thy two sons, lie bleeding on the ground.

FATHER XMAS. What are your fees, Doctor ?

DOCTOR. Ten guineas is my fee.

FATHER XMAS. What say, Doctor ? I'm rather hard of hearing.

DOCTOR. Ten guineas is my fee, but fifteen I want from thee.

FATHER XMAS. What can you cure ?

DOCTOR. I can cure the Hitch, Stitch, the pawsy, or the gout. The raging pain goes in and out. Any arm broke, neck broke, I can set them again, I'm not like these little quack doctors, that run about telling a parcel of lies ; I have been to England, Ireland and Scotland, Dover and all the world over, curing these dreadful wounds and received nothing but the fees. I've a little bottle of stuff in my pocket, some call it hokey-pokey, some Hella Compain. Let it be what it will, it will bring dead men to life again.

FATHER XMAS. How I would like to see it, doctor.

DOCTOR. A little to the temple, a little to the heart,
A little to the backbone,
Rise up, dead men, and take your part.

FATHER XMAS. Oh thank ee, doctor.

(Enter TURKISH KNIGHT.)

TURKISH KN. In comes I, bold Turkish Knight,
On Turkish land I learnt to fight;
And I'll fight King George with courage bold,
And if his blood's hot I'll quickly fetch it cold.

KING GEORGE. Ha, ha, my friend, King George is still here.
(Rushes up to T.K., knocks sword out of his hand, and T.K. asks for mercy.)

TURKISH KN. Down on my bended knee, proud king to thee I pray,
To spare my life to be a Turkish slave.

KING GEORGE. Go home to your land and dwell,
Go home to your land and tell
What Champion George has done for thee,
And all old England's swells.

TURKISH KN. And now I'm going home, pray give my free discharge.
God bless the Queen of England, and likewise Champion George.

FATHER XMAS. *(pushing him with his crutch).* Get off home, you're no better than the rest of them.

TRIM TRAM. Here comes I, Trim Tram, left hand press gang, although
my name is Johnny Jack, my wife and family up my back.
My head is big, my family's small,
Yet I think myself best man of all.

FATHER XMAS. What? You think yourself best man of all? Why, I knowed
thy father years ago, bought pigs off him, fed them on
turnip peckers, salted 'em on hammer handles, and then
they dies in the straw yard for want of litter. What
thinks thee's going to do? Why you'd fight all day with a
farden candle and lantern, and then not knock the farden
candle out. I think I'll have a rap along of thee.
(T.T. knocks FATHER XMAS down and sits on him.)

TRIM TRAM. Ladies and Gentlemen, see what I've done. I've knocked my
father Abraham down, like the evening sun. And here
I sit and take my ease. Ladies and Gentlemen, give me
what you please. Now for your bread and cheese and beer.
I wish you a merry Christmas and a happy New Year.

(In conclusion KING GEORGE walks to the front, with drawn sword pointing to a direction, says the following words.)

In yonder castle my father dwells
And in his hall hang silver dwells,
And when they strike the hour of three,
Our troupe shall merry be.

(The whole troupe then sings the following.)

From shore to shore,
Hark the cannons roar,
We'll fight King George
And all his British corps.

KING GEORGE. Hark, the clock strike three, and we are all going home.
 Ya, ha, ha ; Ya, ha, ha, we will laugh and we will sing :
 We will wait until daylight comes, so early in the morning.
 Waiter ! Yes Sir ! Fill another bumper.

DRESSES.

Father Christmas	-	Smock, soft hat with white hair and long whiskers.
King George	-	Military uniform, commander's hat.
Bold Roamer	-	" " " "
Bold Slasher	-	" " " "
		All three with real swords.
Doctor	-	Blue sash, and doctor's hat.
Turkish Knight	-	Uniform and Turk's hat.
TRIM TRAM	-	Comic uniform and pill-box hat.

(1 large doll and 2 small ones fastened on his back.)

(Other versions of the Mummers Play can be found in *Folk-Lore*, Vol. XL, 1929, pp. 262-77 ; Vol. XLI, 1930, pp. 95-8 ; Vol. XLVI, 1935, pp. 361-74 : the origins and parallels in other countries are discussed in Vol. XLII, 1931, pp. 141-9 ; Vol. XLIX, 1938, pp. 370-5. Other references are made elsewhere in the Folk-Lore Society's publications.)

Another quotation of interest is found in a letter published in the *Farnham Herald* in February, 1939 :—

Another Crondall Ghost Story.

Sir,

Between 50 and 60 years ago, I, Sam Snuggs and Edward Quinn were choir boys at Crondall church. We were told by old people that if you walked round the church three times you would see a ghost. After choir practice one night we three agreed to walk around the church three times to see if what we were told was true. It was dark and misty. We did the three times round, and when between the west door and the north door, round the bend we heard something. Getting to the north door we all saw what looked like a large skeleton wrapped in a sheet. It frightened us. We took to our heels and ran down the avenue. Quinn fell and I fell over him, while Snuggs ran away as fast as he could. I have often laughed over it since.

Yours, etc.,
 J. F. P.

From another part of the County, St. Mary Bourne, the following has been sent to me :—

Calendar Customs.

Rhyme sung formerly on going round to houses on Shrove Tuesday. (Remembered by Mrs. M., aged 85, who has lived all her life at St. Mary Bourne.)

Knick-knock ! The pan's hot.
 We be come a Shrovin'
 For a piece of pancake :
 For a piece of bacon :
 Or a piece of truckle cheese
 Of dame's own makin'.

On May 1st, children come with a wooden cross covered in flowers, and sing :—

Version I. First of May is garland day
Second of May is tread-toe day
Knock at the knocker,
Ring at the bell,
Give us a penny for singing so well.

Version II. First of May is garland day ;
Chimney sweepers' holiday.
Ring at the ringer ;
Knock at the knocker ;
Please for a penny for singing so well.

Telling the bees.

Said to the bees in a hive when their owner dies :—

Wake, brownie, wake,
And a new mistress take,
For your old one is dead.

(Mrs. M.)

I knew a woman, says my correspondent, Mrs. Innes, who 'went and told the bees' at nightfall, when her husband died, with the idea that otherwise some further misfortune would befall. This was in the early 20th century.

Death Omens.

If a sparrow taps three times on a window it is a sign of a death in a house.

An instance is quoted as having happened about 35 years ago in Hurstbourne Priors. (Miss M. P. c. 60.)

A bat, or a robin, coming indoors is a sign of death.

A bird flying in by the chimney and out by the door signifies a soul passing.

Hearing knocking is a sign of death. (Mrs. M.)

In cases of knocking, the person whose death is foretold does not hear the knocking. (Miss M. P. c. 60.)

Weather prophecies.

When cows lie down on low ground in wet, wet will continue. When they shelter, wet will not last. (K. E. I.)

When the rooks twirl round and round in a circle, and then dart straight down to the ground, it is a sign of rain.

(W. B., aged 70 ; all his life in the village.)

General.

When baking bread, a cross was always made in the dough when it was set to rise—to keep away witches, etc.

Between 1895 and 1905 I used to visit the village carpenter, probably then about 60. On the walls of his house, in the sitting-room, were hung shrivelled green and mouldy hot-cross buns. The belief was that if cholera came to the village, one of these ground up and drunk in water would either preserve from infection or cure. (K. E. I.)

Hanging the after-birth of a calf on a thorn is a preventive of fever for the cow. One was seen on a thorn by the informant in 1939. (Mrs. L.)

When butter would not 'come,' a red-hot poker was heated and put in the churn, to burn the witch's fingers. (Miss M. P. Remembered from end of nineteenth century in a farmhouse. Miss M. P. was in the village as a baby, and until between 30 and 40.)

Never turn a bed on a Friday. (Mrs. H., c. 40-50 : has lived all her life in the village.)

Never burn green elder. (Mrs. H., c. 40-50 : has lived all her life in the village.)

The reason given being that Christ's Cross was made of green elder. Dry elder may be burnt.

Two streams forming the Bourne, one from Vernham, one from Netherton, meet in some years at Hurstbourne Tarrant. They are called The Cock and The Hen. It is said :—

When the Cock meets the Hen

Hay is scarce and wheat is plentiful (or *vice versa*?).

The story of the cockatrice at Wherwell is well known. I am told that no one in Wherwell will buy or sell duck-eggs. (K. E. I.)

From Gosport :—

Rhymes, etc., used in games.

Singing and dancing game ; played in street by 8-14 year-old schoolgirls. Last noted 30 years ago.

- (1) Monday night, Band of Hope ;
Tuesday night, pull the rope ;
Friday night, vinegar ;
Out goes 'Dolly'* oh !
Oh, me Dolly-oh,
Me bonny, bonny Dolly-oh ;
Of all the gals that I love,
I love Dolly-oh.

(*—selected girl's name here.)

All details similar to above.

- (2) Brown apples, brown apples,
By night and by day,
I'll dare to take poor 'Mary' away ;
I'll wash her in milk,
And dress her in silk,
And write her a letter in gold pen and ink.

Rhymes to choose one as 'it' for a game. Much is merely phonetic spelling ; actual wording beyond me. (G. C.)

- (3) Orry, orry, ee cackoo ;
Where does this little bird go to ?
North, south,
East, west,
The old crow's nest, how far ?

(Still in use.)

Last heard 30 years ago.

(It is interesting to note that the word 'France' was always pronounced with a decidedly French accent. During the Napoleonic wars, many French prisoners were incarcerated in and about Gosport, and were allowed a considerable measure of freedom.)

(As a boy, I have used this jingle myself. It is unquestionably French, but I have not endeavoured to make out any actual French words, and merely give it phonetically as near as possible.—G.C.)

- (4) Sonter fonter elly ka ma,
Dix cue elly ka fa,
Sonter fonter elly ka ma,
France!

Repeated by a schoolboy, 1939.

- (5) Up the ladder, down the ladder,
See the monkey chew tobaccer;
How many ounces will he chew?

(Having regard to the location, this may possibly refer to the 'powder-monkey' on board an old 'wooden wall.'—G.C.)

- (6) General, among 'vulgar' little boys.
Ink, pink, pen and ink,
Who made that awful stink?
I think it must be you!

Established custom among children at play.

To be excused from the rules of a game, or to call an immediate cessation, the child crosses the first and second fingers, shows them and says, 'Finga-fongs,' or it may be 'Finger-fongs.'

This sign is nearly always respected.

Mr. F. W. Robins has written saying that there is a reference to 'dip-making' in a book he was preparing on *Lamps*. He had collected this from an old lady in the New Forest area; she also remembered the 'Jack in the Green' chimney sweep.

Another item from the same area—a Calendar Custom—was reported in *The Times* of the 2nd January, 1940, as follows:—

"In keeping with a . . . New Year's Day custom every family in Minstead, New Forest, attended a special service at the village church yesterday, and then received quantities of free crusty loaves of bread. The charity was founded by Thomas Browne, a seventeenth-century farming squire."

An article on Weyhill and its famous fair appeared in *The Times* of the 9th October, 1939, in which, besides the account of the fair, mention is also made of the paper garlands still to be seen in Abbots Ann Church.

Lastly, here is a query. Can any member throw light on this superstition, which was recorded in the *Denham Tracts*? These were first printed in pamphlet form and later reprinted and published by the Folk-Lore Society in 1891 and 1895. The following paragraph occurs in Vol. II, p. 275:—

The Sign of Life.

Professor Lebour of the University of Durham College of Science, Newcastle, furnishes me with a somewhat singular superstition, which I have not seen noted elsewhere, called 'The Sign of Life.' "The expression is one," he writes, "I have only met with in the neighbourhood of Falstone, up North Tyne, where a peculiar tremulous involuntary twitching of the eye is said to be the 'Sign of Life,' and if repeated a certain number of times (three times,

I think) in a month or a year (I forget which) is supposed to portend great things, but what things—whether good or bad—I cannot remember. My chief informant with regard to this mysterious 'Sign of Life' was Mrs. Robson, the Postmistress of Falstone, a very mine of local knowledge. My wife informs me that in the South of England (Hampshire and Wiltshire) the same thing is called 'Living Blood.'"

I wish to thank Mrs. Cowie, Mrs. Innes and Messrs. Civil and Robins for their contributions.

P. J. HEATHER,
Subject Secretary.

Scheme for Recording the Folk-lore of Prehistoric Remains.

It has been decided, by the Council of the Folk-lore Society and with the support of the Prehistoric Society, to prepare and publish as complete a collection as possible of items relating to the folk-lore of prehistoric monuments and implements in England. The co-operation of members of the Hampshire Field Club and Archaeological Society is invited to help to make this collection as full and accurate as possible.

The enquiry includes the folk-lore of megaliths, barrows, hill-forts, and other earthworks, and also includes the folk-lore of Celtic fields and strip-lynchets. It also covers stone axes, arrow-heads, holed stones, and other implements and ornaments.

A more detailed outline of the scheme, with provisional classification and questionnaire and bibliography, appears in *Folk-lore* for December 1939. I shall be happy to supply intending helpers with a copy of this memorandum and shall be glad to hear from anyone interested.

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c/o The Folk-lore Society,
Royal Anthropological Institute,
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FIELD MEETINGS, 1939.

Newton Valence, Selborne, and Chawton.

In glorious summer weather, the members held their first open-air Meeting on May 10th at Newton Valence, Selborne, and Chawton. Notes of Newton Valence Church and parish were read by Mr. S. A. Warner, M.A., of Alton. Mr. Warner spoke of the origin of the name: Newton, through the Anglo-Saxon, meaning New Farm, and the Valence concerned was William of Valence, Earl of Pembroke, half-brother of Henry III. He spoke also of Richard Yalden, Vicar 1761-85, and of his friendship with his kinsman, Gilbert White of Selborne. By the kindness of the Rev. A. C. Maclachlan, the Rev. R. Yalden's barometer was afterwards inspected in the Vicarage. Mr. Warren also read Gilbert White's Letter recording the fixing of the barometer to the jamb of the door.

Many members walked over Selborne Common and down the famous Zig-zag to the village. The party were met by the Vicar, the Rev. L. G. E. Sunderland, on the Plestor. The Vicar gave some interesting notes of the career of Gilbert White the Naturalist, of the Yew Tree, the Church, and the picture over the altar, given by Benjamin White. A visit was also paid to the Vicarage garden. By permission of Mrs. Bibby, The Wakes house and garden were opened to the members, who saw Gilbert White's old-world parlour, and "the spacious great parlour" that he added to the house; also the sundial mentioned in his "Journal" of October 27th, 1788.

The Meeting ended at Chawton, where the house of Jane Austen was visited. Miss Darnell conducted parties over the house, which is now divided into three dwellings, the centre one of which is used as a boys' club. Outside is "Miss Austen's tree," which is an oak planted by Jane herself, and is the centre one of three now standing outside the garden wall.

Yaverland and Brading, I.W.

To be delayed for 1½ hours by fog was a new experience for members, when they crossed to the Isle of Wight, on Tuesday, May 22nd. This was the 64th Meeting arranged by the local Hon. Secretary, Mr. G. W. Colenutt, F.G.S. At Yaverland Church the party of about 40 were met by the Rev. H. C. Stokes, Curate-in-Charge, who pointed out that the Island was formerly divided more or less into three islands by the eastern and western rivers Yar. The outlet of the eastern Yar in the marshes of Sandown made the Island of Bembridge, including Yaverland. He traced the building of a Chapel at Yaverland by de Aula, lord of the Manor in Norman times. Mr. Stokes pointed out the architectural features of the Church, which was beautifully restored in 1889 by the Rev. J. Nelson Palmer, who gave also the modern reredos of marble and alabaster. The delicate glass of the modern windows commemorates members of the Errington Loveland family.

After luncheon, the Manor House, Yaverland, was visited by permission of the owner, Sir Egerton Hamond-Graeme, Bt., T.D. The entrance hall and west side of the house contain fragments of a house built in Norman times (c. 1150 A.D.). In 1620, Gervais Richards, who had bought the manor of the Russell family, rebuilt the house with its massive stone mullions and fine gables. For two centuries it had been let as a farm house. The magnificent well staircase is adorned with quaint Moorish heads, some winged and playing musical instruments. Other features noted were the open fireplaces, panelled rooms, and many nautical relics connected with the Hamond-Graeme family.

The Roman villa at Morton, near Brading, was then visited for the first time since 1914, and its plan and lay-out were explained by Mr. G. A. Sherwin, F.S.A. It was noted that the coin series from the excavations dated from Domitian, A.D. 81, right down to Honorius, A.D. 393, during whose rule the legions were withdrawn from Britain.

Botanical Day at Westbury and East Meon.

On Thursday, June 1st, a Learners' Botanical Day, arranged by Mr. and Mrs. H. T. White, was held at Westbury and East Meon. (See page 372.)

Farley Mount, Ashley and Woolbury.

Tuesday, June 20th, was devoted to a field day to the west of Winchester. Assembling at Farley Mount, Dr. Williams-Freeman first spoke of the "Mount," which he believed to be a large round barrow of the Bronze Age, afterwards used for the horse monument. Next there was the little camp settlement, rediscovered by air photography, about one or two acres in extent, and belonging to the Iron Age A people.

Mr. H. T. White then spoke on the subject of Beacons, of which he has made a special study. He pointed out that the beacon on Freshwater Down could be seen from Farley, and this chain of beacons went on to Burghclere, and thence to the Wiltshire Downs. Fuel for the Farley Beacon was always taken from the Forest of Bere, which belonged to the King. At the time of the Civil War, General Waller sued the local inhabitants for taking wood for the purpose, but the end of the dispute he did not know. He reminded the members that an iron brazier or cresset was preserved in Farley Chamberlayne Church. He added that he thought the beacon system was arranged to impress foreigners, as the assembling of troops by means of beacons must have been a slow business.

Dr. Williams-Freeman added some notes on the telegraph system, which was set up in 1798. The semaphore at Farley, he said, was probably at Beacon Hill, on the edge of the wood. Mr. White added that near the church was a house called Telegraph House.

At Ashley, Dr. Williams-Freeman drew attention to the importance of Forest of Bere Farm, with its well 8ft. in diameter and 200ft. deep. There was a tradition of hunting by King John who was a friend of the owner, Briwere. Then the late Mr. Montagu Edwards used to tell the story that Queen Anne shot a deer out of a window of the house. He went on to speak of the Roman camp at Ashley as a "semi-permanent" camp, as described by Mr. Collingwood. The late Mr. Andrew had contended that Ashley Camp was pre-Roman, and he was right, for the farmer, Mr. Browning, had found a coin of Epaticcus, a brother of Shakespeare's Cymbeline.

Mr. F. Warren gave a brief description of coins from Ashley recently presented to Winchester Museum. The series began with Hadrian (d. A.D. 79) and went down to Valentinianus I (d. A.D. 375), but there were also a number of *minimi*, such as were minted in the 5th century, and were probably in currency down to the time of the Saxons.

The architecture of the little church of St. Mary, Ashley, was described by Dr. A. R. Green, who dated it the early part of the 12th century.

Dr. Williams-Freeman described the former Norman Castle at Ashley, the licence to build which was granted to William of Briwere in A.D. 1200. He thought the Castle at Ashley was one of the latest of its type in Hampshire.

At Woolbury Down, Dr. Gray Hill, M.C., described the excavations made in 1937. These included barrows of the Early and Middle Bronze Age periods, and in another little dig was the skeleton of an Early Iron Age child. Dr. Gray Hill's most important find was a habitation site of the Middle Bronze Age, which showed probably only temporary occupation.

Woodbury, near Harnham, and Clarendon Palace.

The members spent a day in Wiltshire on Tuesday, July 11th, when they visited the excavation of an Early Iron Age A farm at Woodbury, and also Clarendon Palace.

The excavations at Woodbury were being conducted by the Prehistoric Society. Dr. Bersu explained the work on an Iron Age A farm site, with occupation limits of 200 years or more. Two houses had been found, with numerous pits for grain storage and other purposes, probably covered with branches and skins. There were also corn-drying racks above the ground, ovens, and granaries. Dr. Bersu's three hypothetical reconstructions of the farm dwellings and big "manor house," with verandahs, and even a central dome, were warmly applauded. The occupation could be dated from 400 B.C. to 200, or perhaps 100 B.C.

A visit was also paid to an enclosure on the other side of the Odstock Road, showing late Iron Age remains, and the occupation extended until the 4th century A.D.

In the afternoon a visit was paid to Clarendon Palace, where excavations were being continued by Professor Tancred Borenius, D.LITT., F.S.A. Since the Club's visit three years before, a much larger area had been cleared. The progress of the excavations was described by Mr. John Charlton, M.A., and a 13th century tile kiln, almost the only one remaining in this country, was one of the most interesting of recent discoveries. Space forbids an attempt to describe the details of this eight-acre site.

Botanical Meeting at Pennington and Keyhaven Marshes.

A Meeting of the Botanical Section was held on Wednesday, August 9th, and a report is printed on page 372.

At Bury Hill and Bawksbury.

The Club members, on Wednesday, August 16th, visited the sites of the excavations conducted by Mr. and Mrs. C. F. C. Hawkes, near Upper Clatford, Andover. A summary of the results of the excavations appears in the Council's report for 1939, printed on page 413, and the full report of the excavations is being printed elsewhere in this Part of the Club's *Proceedings*.

REPORT OF THE COUNCIL FOR 1939.

MEMBERSHIP.—The number of members at the last Annual Meeting was 478, in addition to six Honorary Members. Since the outbreak of war fewer new members have joined us, and with the natural annual shrinkage and some special resignations, the membership is now 410. The number of members in 1925 was 325, and until now there has been a steady increase each year.

OBITUARY.—The Society has to regret the loss of several prominent members during the year. The Rev. F. C. R. Jourdain, M.B.O.U., F.Z.S., was an ornithologist of great distinction and international repute. His ornithological reports of recent years have been a feature of our Club's *Proceedings* and were recognised as the official record for Hampshire by the South-Eastern Union of Scientific Societies.

Mr. George Marples, A.R.C.A., A.R.E., M.B.O.U., was a well-known etcher who made his home in the New Forest. He was a lecturer on architecture, and a lecturer and writer on ornithology. He frequently attended the Club's Field Meetings.

Capt. William Middleton, of Lymington, was an enthusiastic member of Committee of the Photographic Section, and contributed much to the photographic records; he was particularly successful with stained-glass windows. Among others who have passed over this year have been: Sir George Cooper, Bart., of Hursley Park, whose Seat or Park the Club has visited on several occasions; Major F. C. Fowler, and Capt. F. H. P. Williams-Freeman, R.N.

FIELD MEETINGS.—Seven Field Meetings were held during the year, including two botanical meetings, and in addition to a third Exhibition of Photographic Records. On the outbreak of war, two Field Meetings arranged for September and October were unavoidably cancelled.

PUBLICATIONS.—During the year Part 2 of Vol. XIV of *Proceedings* was published under the Editorship of the Rev. W. J. Ferrar, M.A. The third and concluding part of Vol. XIV is now in hand.

TREASURERSHIP.—At the outbreak of war Mr. J. P. Purvis, the Hon. Treasurer, was called up on active service, and his resignation was accepted with regret, and with grateful thanks for his efficient honorary work for several years past. The Council were fortunate in securing the services of Paymaster-Commander C. Betton Roberts, R.N., as Acting Honorary Treasurer. Mr. Purvis placed the Club under a further debt of gratitude by allowing the Treasurer's work to be carried on in his office until the end of the year.

EXCAVATIONS.—In July and August, Mr. C. F. C. Hawkes, M.A., F.S.A., carried out excavations at Bury Hill Camp, Upper Clatford, Andover, with the kind permission of the owner, Major Miller Mundy. The defences of the camp were proved to belong to two periods. Camp I with single bank and ditch enclosed an oval of 18½ acres; it can be assigned to the period Iron Age A2, not before the 3rd century B.C. The only entrance was on the S.E., and occupation appears to have been slight.

After a considerable interval Camp II was built within Camp I. It consisted of a circle enclosing 11½ acres, defended by two big banks with a single ditch between. The entrance was the same as in Camp I, and the outer of the ramparts coincided with that of Camp I on part of the E. and S. sides. The pottery was Iron Age B. Thirdly there was intensive Belgic occupation, making use of the ramparts, perhaps with some repair work; there was bead-rim and other wheel-made pottery. A notable find was a bronze belt-loop with

Celtic ornament in relief. There were also two contracted inhumation burials. Mr. Hawkes' report will appear in the Society's *Proceedings* for 1940.

At the same time, Mrs. C. F. C. Hawkes, F.S.A., excavated Bawksbury Camp, Andover, half a mile away, across the little River Anna. It is a large fortified enclosure of 45 acres, with single bank and ditch, perhaps used mainly for cattle. The rampart was proved to belong to the Iron Age A2 period, with a subsequent AB reoccupation.

It has been decided that no excavations can be carried out in 1940.

PHOTOGRAPHIC SECTION.—A third Exhibition of Photographic Records was held at Southampton University College in April. The Collection of Hampshire Photographs and Prints has continued to grow. With the outbreak of the war, however, it was decided to store the photographic negatives and prints in a safe area, and the work of mounting and classifying prints is therefore in abeyance. It is hoped, however, that members will continue to make photographic records, to be handed over to the Club when the war is over.

LIST OF EXCHANGES.

WE are at present exchanging our *Proceedings* with the following Societies:—

- ✓ Bournemouth Natural Science Society.
- ✓ Brighton and Hove Natural History Society.
- ✓ British Archaeological Association.
- ✓ Cambridge Antiquarian Society.
- ✓ Dorset Natural History and Antiquarian Field Club.
- ✓ Oxoniensia.
- ✓ Somerset Archaeological and Natural History Society.
- ✓ Surrey Archaeological and Natural History Society.
- ✓ Sussex Archaeological Society.
- ✓ Wiltshire Archaeological Society.

Our books are housed at the Winchester Corporation Library, where they can be consulted.

HAMPSHIRE FIELD CLUB

AND

ARCHAEOLOGICAL SOCIETY

1940

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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.

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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.

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.

FINANCIAL STATEMENT for the Year ended 31st December, 1939.

£474 1 5

PAYMENTS.		£	s	d	£	s	d
By	Subscriptions to :—						
	English Place Name Society ..	15	0				
	Society for the Protection of Ancient Buildings	1	1	0			
	Royal Society for the Protection of Birds	1	1	0			
	Commons, Open Spaces and Foot- paths Preservation Society ..	1	1	0			
	S.E. Union of Scientific Societies	7	6				
	New Forest Association ..	2	6				
					4	8	0
..	Hon. Secretaries' Expenses				4	13	2
..	Hon. Editor's Expenses				2	6	6
..	Hon. Treasurer's Expenses				3	14	4
..	Miscellaneous Expenses :—						
	Printing, Addressing, Postages, etc.	38	5	2			
	Printing Balance Sheet, 1938 ..	1	17	9			
	Hire of Committee Rooms ..	2	4	0			
	Official Year Book of Scientific Societies		8	6			
	Cheque Book		5	0			
					43	0	5
..	Printing <i>Proceedings</i> , Vol. XIV, Part 2				187	16	4
..	Expenses <i>re</i> Photographic Section				11	18	7
..	Amount transferred to Excavations Fund ..				100	0	0
..	Balance at Bank, 31st December, 1939	119	18	5			
	<i>Less</i> outstanding Cheque ..	3	14	4			
					116	4	1
					£474	1	5

EXCAVATIONS FUND.

	£	s	d			£	s	d
To Balance at Bank, 31st December, 1938 ..	23	3	1	By Cost of Excavations at Bury Hill ..	115	4	5	
„ Sundry Donations	13	12	0	„ Balance at Bank, 31st December, 1939 ..	21	18	4	
„ Amount transferred from Current Account ..	100	0	0					
„ Interest on Deposit Account	7	8						
	<u>£137</u>	<u>2</u>	<u>9</u>			<u>£137</u>	<u>2</u>	<u>9</u>

WHERWELL SCULPTURES FUND.

	£	s	d			£	s	d
To Donations	18	4	0	By the Rev. A. Lewis, contribution towards cost of removal of Sculptures into the Church ..	12	10	0	
				„ Balance at Bank, 31st December, 1939 ..	5	14	0	
	<u>£18</u>	<u>4</u>	<u>0</u>		<u>£18</u>	<u>4</u>	<u>0</u>	

We have examined the foregoing Receipts and Payments Accounts for the year ended 31st December, 1939, with the Books and Vouchers and find the same to be correct.

(Signed) WHITTAKER, BAILEY & CO.,
3 Portland Street,
Southampton.
25th January, 1940.
*Chartered Accountants,
Hon. Auditors.*

(Signed) C. BETTON ROBERTS,
Acting Hon. Treasurer.