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HAMPSHIRE FIELD CLUB.

PAPERS & PROCEEDINGS.

No. I.

EDITED BY

THE REV. G. W. MINNS, LL.B.

Southampton :

PRINTED BY CHARLES COX, "SOUTHAMPTON TIMES" OFFICE,
ABOVE BAR.

1887.

PREFACE.

With the fourth number of the Proceedings, the Hampshire Field Club completes its first volume. It will be seen that with the growth of the Club the publication has yearly increased in bulk and importance, and it is hoped that further improvements may be made. The Editor is not responsible for the size and arrangement of the first part, which being cut does not quite range with subsequent numbers. It was projected with no idea that the Club would meet with the success it has done. The first published list (April, 1885) numbered only 51 members, whereas we have now over 250. In the way of publications nothing was contemplated by the original promoters, but in 1886 it was suggested that "a respectable pamphlet" annually might be attempted. It was soon found, however, that ample material was forthcoming, and it became necessary to adopt the style and size of similar works, with which it is hoped that our "Papers and Proceedings" will favourably compare. The present limited subscription (5s.), which has to cover postages to members and expenses of management, precludes the introduction of numerous or costly illustrations, and but for generous helpers, so many plates could not possibly have been introduced.* Some of the writers have borne the entire expense of illustrating their papers, others have furnished drawings, while the services of the executive officers have been entirely honorary. Now that the Club is fully established, so much gratuitous help in these various ways can hardly be expected in the future.

*In this way our thanks are specially due to the Rev. W. L. W. Eyre, and Messrs. G. W. Colenutt, F. Fane, J.P.; B. W. Greenfield, F.S.A.; R. G. Pinder, E. C. Poole, A. H. Skelton, and others who have kindly assisted with the illustrations.

With a very small increase in income, a new volume may witness additional features of interest, and the objects of the Club be further promoted. We think there should be some permanent record of our excursions, when facts and objects of great interest are often brought under notice, and, in the absence of any such authorized report, which in future will be included in our "Proceedings," a list of meetings, with programmes of the excursions, may prove useful. With this view, those that have been projected by the Club during the first five years of its existence are here given.

The Editor wishes it to be understood that the selection of Papers devolves upon the Committee, who will be glad to receive matter suitable for publication; such communications should be addressed, in the first instance, to the Corresponding Secretary. He also wishes to thank contributors to this first volume for their courtesy, co-operation, and patience; and hopes that the Members of the Club, however varied their interest in matters relating to the county, will find something suited to their particular study in these pages, which extend over a wide field of research, embracing papers on Antiquities, Botany, Entomology, Genealogy, Geology, Numismatics, Ornithology, and other branches of Archæology and Natural Science.

He would also thank the printers, both managers and operatives, for their liberal co-operation and interest in the work, which in the matter of scientific names and arrangement presented considerable typographical difficulties.

G.W.M.

October, 1890.

BIBLIOTHECA HANTONIENSIS.

The Editor would call attention to the forthcoming new edition of Mr. H. M. Gilbert's *Bibliotheca Hantoniensis*, which, revised and augmented by Mr. Gilbert and the Rev. G. N. Godwin, B.D., will include the lists of Sir Wm. Cope, Bart., and other eminent collectors, and form a most complete catalogue of topographical and general literature relating to the county. It was thought that the Hants Field Club might undertake the re-publication of this work, which had gone out of print and become scarce, but as this seemed undesirable, the Editor has guaranteed the sale of a certain number of copies, which can be obtained by members of the H.F.C. at a reduced rate. The published price of the work will be 3s. 6d., a few copies, large paper and interleaved, 10s. 6d., to be raised to 5s. and 15s. on the day of publication. Members of the H. F. C. can receive copies at 2s. 3d. and 8s. 6d., post free, by sending their names to

REV. G. W. MINNS,
THE CLIFF,
WESTON,
NR. SOUTHAMPTON.

NOTE. Since the above was in type, it has been found that the volume will greatly exceed in size what was originally proposed, and the cost of production has been increased. The Publisher has been compelled to raise the price to 4s. 6d. and 10s. 6d.; to members of the Field Club, 3s. 3d. and 8s. 6d. Those members who have already given in their names the volume will be supplied on the terms of their subscription.

Copies of the H.F.C. "Papers and Proceedings" may still be obtained at the following prices—Part I, 1s. 6d.; Parts II and III, 2s. each; Part IV, 2s. 6d. As but a limited number of some of the Parts remain, early application is recommended to the Hon. General Secretary,

MR. W. DALE, F.G.S.,
Sussex Place, Southampton.

CONTENTS.

	PAGE
List of Officers and Members	3
Rules	7
Report for 1885	9
Financial Statement, 1885	12
Report for 1886	13
Financial Statement, 1886	16
Excavations at Bramshaw. J. W. Elwes	17
Analysis of a Sample of "Malm Rock." Prof. F. de Chaumont, M.D., F.R.S., &c.	21
Ancient Camps and Earthworks in Hants. T. W. Shore, F.G.S.	22
Report of the Analysis of a Sample of Water. J. Briery	27
The Lepidoptera of Hampshire. Rev. A. C. Hervey ...	28
Flora of Hants. H. Purefoy FitzGerald, M.C.S. ...	35
Some Notes on the Plants of Ropley and its Neighbour- hood. Rev. T. Woodhouse	36
The Land and Fresh Water Mollusca round Christchurch. C. Ashford	40
Notes on Roman Coins found in the neighbourhood of Southampton. A. H. Skelton	42
List of Hampshire Mosses. F. I. Warner, F.L.S. ...	45
Notes of an Antiquarian Discovery made at Moordown, December, 1873. R. G. Pinder, F.R.I.B.A. ...	47
A List of Hants Fungi. Rev. W. L. W. Eyre ...	49

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- Young, Mrs.

MAY 20TH, 1887.

RULES.

1.—That this Society be named "THE HAMPSHIRE FIELD CLUB," and that the object of the Club be the study of the Natural History and Antiquities of the County.

2.—That the Club consist of ordinary members and honorary members.

3.—That the annual subscription payable by each ordinary member be five shillings, and that the names of newly elected members be not entered on the list of members until the first annual subscription has been paid.

4.—That scientific men of distinction, non-resident in the County, may be proposed and elected as honorary members of the Club, at any meeting of the Committee, such honorary members not to exceed twenty-five in number.

5.—That ladies be eligible for election as members of the Club.

6.—That the subscription of ordinary members be due in advance, and be paid at or before the first meeting of the Club in each year, and that the name of any member in arrear for one year be removed from the list of members.

7.—That the Head-Quarters of the Club be at Southampton.

8.—That the Government of the Club be vested in a Committee, to be elected annually, and to consist of the President, the Honorary Secretaries*, one of whom shall act as Treasurer, and not less than six other members.

9.—That three be a quorum of the Committee.

10.—That the Committee be empowered to appoint Local Secretaries for any part of the County, who shall be ex-officio members of the Committee.

11.—That persons who are members of any recognised Scientific Society, publishing proceedings, be eligible for admission as members of the Club without ballot, and that other persons, having been duly proposed and seconded by two members of the Club, be elected to the Club by the ballot of the Committee,

12.—That the proposer of any candidate be 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.

* The duties having greatly increased, an Honorary Treasurer and three Secretaries have been appointed.

13.—That in order for any such candidate to be elected a member of the Club, the ballot by the Committee be unanimous.

14.—That the Club hold not less than four ordinary field meetings in each year.

15.—That an annual meeting for general business be held in the early part of each year.

16.—That the financial report of the Club be brought up at the annual meeting in each year.

17.—That any member of a recognised Scientific Society, publishing proceedings, be eligible to attend any field meeting of the Club as a visitor, on the introduction of a member of the Club.

18.—That each member of the Club be at liberty to introduce one visitor (who may not be a member of any recognised Scientific Society) to each field meeting of the Club, but not the same visitor more than once in any one season.

19.—That members of the Club who do not attend any meeting, after they have given notice of their intention to attend, be liable for their share of any expense which may be incurred by the Committee in connection with such meeting.

20.—That the Club discourage the practice of removing and rooting up rare plants from characteristic localities, and the extermination of rare birds, and also use its influence with landowners for their protection.

21.—That the Club use its influence to promote the preservation of objects of antiquity.

WILLIAM DALE, *Hon. Gen. Sec.*,

5, SUSSEX PLACE, SOUTHAMPTON.

Southampton, May 20th, 1887.

REPORT FOR 1885.

The Hampshire Field Club was established on the 22nd March, 1885, when five gentlemen were present, and at the end of the first year it consisted of 110 Members. One Member had died during the year.

During the season five Field Meetings were held, viz., at Shawford and Winchester, at Alton and Selborne, at Burghclere and Highclere, at Bishop's Waltham and the Meon Valley, and at Brockenhurst and Boldre. During the first meeting the lynchets on the Down near Shawford were examined, and also a remarkable depression extending in an irregular line from near the top of the Down to the railway, and probably originally as far as the river. Mr. Whitaker thought that this remarkable depression might possibly mark the course of an underground stream in the chalk. The chalk was examined during this excursion in the pits on Compton Down, in the pit at the foot of Twyford Down, and in the great pit at Chilcomb. The origin of the remarkable black stains seen in the chalk in Twyford Down pit was discussed, and a sample was taken for analysis, which was subsequently made by Professor de Chaumont, President of the Club, who reports that they were due to an oxide of manganese. During this excursion the freshwater tufa in the meadow near the Itchen was examined by the Club, and its origin described by Mr. Whitaker. One of the hon. secretaries, Mr. E. Westlake, prepared a section to show the arrangement of the chalk in the neighbourhood of Winchester, copies of which were distributed among the Members. The Club, during this meeting, visited the churches of Compton and Chilcomb, both of which show good examples of early Norman work.

The earthwork on the top of St. Catherine's Hill was also examined, and Mr. Shore pointed out that though described on the Ordnance Map as a Roman camp, it possessed all the characters of an earthwork of British origin.

During the second meeting the Museum at Alton, chiefly formed through the life-long labours in geology of Dr. W. Curtis, was visited. The civil war connection of Alton and the fight that took place in Alton Church were described in the church itself by the Rev. G. N. Godwin. After studying the Norman and perpendicular features of the church the party proceeded to view the Malm Rock which crops out in many places between Alton and Selborne, and a discussion took place on the composition of the rock and its exact geological position. A sample of the Malm rock from Water Lane, West Worldham, was taken for analysis by the President, who subsequently reported its composition. The botanical Members had an excellent opportunity of studying the plants of the district during the walk from Alton, *via* West Worldham and Hartley Maudit, to Selborne. The churches of West Worldham (in ruins), Early English; Hartley Maudit, late Norman; and Selborne, transition Norman, were visited; and visits were also paid to Gilbert White's house and Selborne Hanger.

The third excursion enabled the Members to visit the sections of the Upper Greensand, near Burghclere Station, and sections of the chalk and the London clay in the same neighbourhood. The party also visited Burghclere Church—Norman and Early English, and ascended Beacon Hill, where the remarkable earthworks were closely examined. Mr. Whitaker described the geological features of the Kingsclere Valley, and Mr. Shore described the remains of early British inhabitants in the neighbourhood.

The Members subsequently visited Highclere Castle, by permission of the Earl of Carnarvon, where Mr. W. Money and Mr. F. J. Baigent described the early history of Highclere in connection with the see of Winchester.

The fourth meeting of the Club was chiefly of an archæological nature, and included an examination of the ruins of Bishop's

Waltham Palace, the Roman sarcophagus preserved in Soberton Church, and the architectural antiquities in the same church. Droxford Church, Norman and decorated; Meonstoke Church, Norman and Early English; Corhampton, Saxon Church; and Warnford, Norman, were visited. The Members also visited Old Winchester Hill, and examined the remarkable earthwork at the top. Mr. Whitaker described the origin of the Meon Valley as an example of a chalk valley; and Mr. Shore gave an outline of the evidence tending to prove that the earliest inhabitants of the valley were Celtic people, who spoke a Gaelic dialect, and were the original Meonwaras before the conquest of the Jutes.

The fifth meeting was at Brockenhurst, Boldre, and Lymington. On this excursion the fungi of the New Forest were studied, as well as the high level gravels on Setley Plain. Several ring barrows, believed to have been constructed by the people who used bronze implements, were also visited on the same plain. In Roydon Brickfield, Mr. Whitaker gave a description of the strata observed, and of the fossils it contains. The Club subsequently examined the earthwork at Buckland Rings, after which it was resolved that a communication be sent to the Director-General of the Ordnance Survey suggesting that the word "Roman," as printed on the Ordnance Maps as descriptive of the earthworks at St. Catherine's Hill, Old Winchester Hill, and Buckland Rings, be omitted from the maps, seeing that these earthworks, in the opinion of the Club, exhibit undoubted marks of British origin. The honorary secretaries have since been informed that this suggestion would be acted upon. During this meeting the Club also visited the churches of Brockenhurst, in part of Norman origin standing on an artificial mound, probably of Saxon date; and Boldre, Norman and Early English.

FINANCIAL STATEMENT

FOR THE YEAR 1885.

RECEIPTS.	£ s. d.	EXPENDITURE.	£ s. d.
94 Subscriptions at 2s. 6d.	11 15 0	Printing, per Mr. Westlake	4 1 6
		Secretarial Expenses, per Mr. Shore	3 8 3
		Ditto, per Mr. Westlake	1 18 1½
		Stationery, ditto	0 4 4
		Balance paid by Mr. Westlake to Mr. Morris Miles	2 2 9½
	11 15 0		11 15 0

E. WESTLAKE,
Honorary Secretary

REPORT FOR 1886.

At the end of its second year the Club consists of 160 Members. One Member, Mr. W. W. Poole, of Winchester, a promising young botanist, has died during the year, to the great regret of all who knew him.

The first meeting in the year was that held in Southampton early in April, at which the annual business of the Club was transacted. The Museum of the Hartley Institution was examined with much interest. The Collection of Hampshire and Isle of Wight maps, and the large collection of etchings and engravings relating to the county, which are preserved in the Hartley Institution, were exhibited to the Club. The Members also visited four of the ancient vaults of Southampton, and examined them in detail. These vaults are chiefly of Norman and early English dates.

A series of Field Meetings, extending over four days, in combination with the Geologists' Association, was held about the end of April by invitation of the Geologists' Association, who at that time visited Southampton and Salisbury. These meetings were under the direction of Mr. W. Whitaker, B.A., F.G.S., of the Geological Survey. The party examined the sections of the Lower Bagshot and Bracklesham Beds in the neighbourhood of Southampton at the first of these meetings. On the second day the party examined the cuttings of the new railway from Brockenhurst to Christchurch. These cuttings comprise sections of the Barton, Headon, and Osborne beds. On the third day the party assembled at Salisbury and examined the thick river deposits at Fisherton, and subsequently the upper chalk containing *Belemnites* at Clarendon Hill, and the London clay containing *Ditrupe* and other fossils near to it. On the fourth day of these meetings the party again met at Salisbury, and proceeded to the Stratford

pit, containing gravel from which flint implements are found resting on chalk. Afterwards the party examined the British, Roman, and Norman fortress of Old Sarum, and then proceeded to Stonehenge, which was carefully studied and discussed.

A resolution was passed drawing the attention of the owner to the burrowing of rabbits near the stones, and also to the desirability of removing the wooden beams which have been placed near one of the trilithons.

The Club met at Silchester and Old Basing in May. At the former place a resolution relating to the ruins of Silchester and their better preservation was passed, and this was forwarded to his Grace the Duke of Wellington, who, in his reply, thanked the Club, and stated that it was his wish "that everything of real value in these remains should be preserved, and that, in addition to a corrugated iron roof now being erected over the principal bath, he had directed that similar precautions be taken for the protection of the most interesting parts of the excavations."

At the Silchester meeting the Club also passed a resolution relating to the preservation of Hayling Island Common. The Bill for its enclosure was defeated on the second reading in the House of Commons.

In June a meeting was held at Hindhead and Bramshott, and the geology of the neighbourhood chiefly occupied the attention of the Members. This meeting afforded a good opportunity for the study of the Lower Greensand beds.

In July a meeting was held at Christchurch and Hengistbury; a paper was read by the Rev. G. H. West on the erosion of the coast in Christchurch Bay, after which a discussion took place on the paper. The ironstone, formerly more abundant than at the present time at the base of the cliff at Hengistbury, was examined, and its origin discussed. Later in the day the Club inspected the antiquities of Christchurch Priory Church.

In August a meeting was held in the neighbourhood of Andover. The British Oppidum at Bury Hill was visited and examined under the guidance of Canon Collier, and several

worked flints were found within the enclosed area. The churches of Lower Clatford and Upper Clatford were also visited, and later in the day the museum at Andover was examined. Some of the most interesting of the muniments of the Town Council of Andover were also exhibited to the Club by permission of the Mayor, and a paper on the Valley of the Anton was read by the Rev. R. H. Clutterbuck.

In September the Club met at Porchester and Horsea. By permission of the Admiral-Superintendent of Portsmouth Dock yard the Club visited Little Horsea, and, under the guidance of Mr. McCallum, resident engineer, examined the excavation works for the Torpedo Range in course of construction. This, consisting of a deep trench cut through Little Horsea and an embankment across the channel to Great Horsea, was inspected with much interest. Mr. Whitaker described the geology of the neighbourhood, and pointed out that this work showed that Little Horsea is a chalk island. Specimens were also examined of the burnt flints and shells (oysters and winkles), which, being found in heaps, show that this island was occupied at an early period.

Later in the day on the occasion of this meeting the antiquities of Porchester Castle and Church were examined under the direction of Mr. C. R. Pink, F.R.I.B.A.

The last meeting of the season was held in Winchester in October, and was chiefly of an archaeological nature and interest. The chief objects of antiquarian interest in connection with the County Hall were described by Mr. Pink, and a discussion took place on the nature and origin of the Round Table. Mr. Shore pointed out that the Legend of the Knights of the Round Table is one which is widely diffused through continental countries as well as our own; the table at Winchester, he thought, was the *rota fortuna*, or wheel of fortune, ordered to be set up there by Henry III. Subsequently the churches of St. John and St. Peter's Cheeshill, were visited, and in the afternoon the crypt of the Cathedral, the Cathedral library, and several of the less known antiquities of the Close under the guidance of the Dean.

FINANCIAL STATEMENT

FOR THE YEAR ENDING 31ST DECEMBER, 1886.

MONEY RECEIVED.	£ s. d.
Balance brought forward... ..	2 2 9½
136 Subscriptions of 5s. each for the year 1886 ...	34 0 0
5 Subscriptions of 5s. each, received in advance for the year 1887	1 5 0
	£37 7 9½

MONEY EXPENDED.	£ s. d.
Cheque Book	0 2 0
Thirty Dozen Post Cards for Committee and other Notices	0 17 6
Stationery and Printing, per Mr. Adams	0 14 6
Printing, per <i>Hampshire Independent</i>	5 9 0
Secretarial Expenses, per Mr. T. W. Shore	7 7 4
" " per Mr. Morris Miles	1 4 8
Balance carried forward	21 12 9½
	£37 7 9½

MORRIS MILES, *Hon. Sec.*