

*Report of the Committee, consisting of Sir JOSEPH WHITWORTH, Sir WILLIAM SIEMENS, Sir FREDERICK BRAMWELL, Mr. A. STROH, Mr. BECK, Mr. W. H. PREECE, Mr. E. CROMPTON, Mr. E. RIGG, Mr. A. LE NEVE FOSTER, Mr. LATIMER CLARK, Mr. H. TRUFEMAN WOOD (Secretary), Mr. BUCKNEY, and Sir WILLIAM THOMSON, appointed for the purpose of determining a Gauge for the manufacture of the various small Screws used in Telegraphic and Electrical Apparatus, in Clockwork, and for other analogous purposes.*

THE Committee regret that it proved impossible for them to complete their report, recommending a series of screw threads, in time for the present meeting of the Association. They therefore content themselves with asking to be reappointed, in the hope that a little additional time will enable them to finish their work.

*Report of the 'Local Scientific Societies' Committee, consisting of Mr. FRANCIS GALTON (Chairman), the Rev. Dr. CROSSKEY, Mr. C. E. DE RANCE, Mr. H. G. FORDHAM (Secretary), Mr. JOHN HOPKINSON, Mr. R. MELDOLA, Mr. A. RAMSAY, Professor SOLLAS, Mr. G. J. SYMONS, and Mr. W. WHITAKER, appointed by the Council in compliance with the following resolution referred to the Council by the General Committee :*

*That the Council be empowered to appoint a Committee, as recommended in their Report adopted by the General Committee on August 23, in order to draw up suggestions upon methods of more systematic observation and plans of operation for Local Societies, together with a more uniform mode of publication of the results of their work. It is recommended that this Committee should draw up a list of Local Societies which publish their proceedings.*

THE Committee have communicated with all the societies known to them which appear to fall under the designation of 'Local Scientific Societies which publish their proceedings,' giving to this definition a somewhat liberal interpretation, and they submit a tabular list of these societies with notes of their publications and other particulars. They are about 170 in number, and seem, from their rules and publications, to be centres whence local scientific information may conveniently be obtained.

The Local Societies differ widely in character. Those which are established in large towns, and are not particularly well situated for carrying on systematic local investigations, are often of high scientific rank, and their affairs are administered in a business-like manner by a regular staff. On the other hand, there are numerous smaller societies

and field clubs, scattered over the country, which are excellently situated for conducting local investigations, and are in many cases doing valuable work, but of which so little is generally known that it has often been difficult to discover their official addresses.

In some parts of the country the smaller societies either group themselves into what is practically a federation, or else affiliate themselves to some large society in their district, and the Committee think that if the Local Societies could more generally be induced to group themselves round what might be described as local sub-centres, it would not be difficult to devise methods of uniting the representatives of those sub-centres in the performance of interesting and important duties during the meetings of the British Association, with the final effect of establishing systematic local investigation throughout the country, and uniformity in the modes of publishing the results. The recommendations of the Committee will tend wholly in this direction, because, although they have considered many plans of fulfilling their instructions in a direct manner, no plan recommends itself to them as superior to this indirect method in its capacity for producing valuable and durable effects.

The Committee do not suggest any new topics for systematic investigation, but confine themselves to giving a few examples of what these topics are, taken from amongst those assigned to Committees of the Association during the past five years, and arranged in the order of the Sections that are severally concerned in them:—(A) Luminous meteors; Meteoric dust in various localities; Rainfall; Underground temperature; (C) Erosion of sea-coasts; Height of underground waters; Erratic blocks; (D) Photographs of typical races and crosses; Ancient earth-works; Prehistoric remains; Migration of birds at lighthouses and lightships; Periodical natural phenomena (flowering of plants, &c.); Injurious insects (their first appearance, &c.); (F) Anthropometric collections; Working of Education Code in Elementary Schools; Rudimentary Science in Schools; (G) Effective wind-pressure on buildings.

It can hardly be doubted that numerous systematic investigations of a local character will continue to be carried on, and that their successful prosecution would result in important gains to science. Neither does it appear doubtful that the successful prosecution of such investigations by the smaller Local Societies would be greatly encouraged and facilitated by the general interest shown in their work by the more influential societies in their neighbourhood, by a watchful oversight, a readiness to discuss and publish results, and by the personal influence of their leading members. The Committee offer the recommendations they are about to make in the trust that they will serve to remind the more important Local Societies of the high and useful function they are able to perform by entering into friendly and helpful relations with the small and scattered societies of their respective districts, and by offering themselves as their scientific representatives wherever representation may be necessary.

Believing that the British Association is fitted by its constitution and position to become an organising centre of local scientific work, and that through an extension of the system of delegation from Scientific Societies which has already been recognised in the Rules of the Association this object may be attained, the Committee venture to make the following proposals, thrown into the form of Rules, which, if approved, may be inserted amongst the Rules of the Association, with such amendments in the existing Rules as may be necessary in consequence.

## 'SUGGESTED NEW RULES.

'*Corresponding Societies.*

'(1). Any Society is eligible to be placed on the List of Corresponding Societies of the Association which undertakes local scientific investigations, and publishes notices of the results of such investigations, especially if they are such as are carried on by Committees of the Association.

'(2). Application may be made by any Society to be placed on the list of Corresponding Societies. Applications must be addressed to the Secretary on or before the first of June preceding the annual meeting at which it is intended they should be considered, and must be accompanied by specimens of the publications of the results of the local scientific investigations recently undertaken by the Society.

'(3). A Corresponding Societies Committee shall be appointed by the Council for the purpose of considering these applications, as well as for that of keeping themselves generally informed of the annual work of the Corresponding Societies, and of superintending the preparation of a list of the papers published by them. This Committee shall make an annual report to the Committee of Recommendations, and shall suggest such additions or changes in the List of Corresponding Societies as they may think desirable, subject only to the conditions—(1) That the number of Societies on the list shall not exceed that which may be from time to time prescribed by the Council; (2) that the intended removal of any Society from the list shall not take effect until immediately before the commencement of the next annual meeting.

'(4). Every Corresponding Society shall transmit each year on or before the first of June, to the Secretary of the Association, a copy of its publications during the preceding twelve months, and shall at the same time return properly filled up a schedule, which will be issued by the Secretary of the Association, and which will contain a request for such information with regard to the Society as may be desirable.

'(5). There shall be inserted in the Annual Report of the Association a List, in an abbreviated form, of the papers published by the Corresponding Societies during the past twelve months which contain the results of the local scientific work conducted by them; those papers only being included which refer to subjects coming under the cognisance of one or other of the various Sections of the Association.

'(6). A Corresponding Society shall have the right to nominate any one of its members, who is also a member of the Association, as its Delegate to the annual meeting of the Association, who shall be for the time a member of the General Committee. The appointment of a Delegate to any annual meeting must be formally notified to the Secretary of the Association by the Secretary of the Corresponding Society not later than the first of July preceding that meeting.

'*Conference of Delegates of Corresponding Societies.*

'(7). The Delegates of the various Corresponding Societies shall constitute a Conference, of which the Chairman, Vice-Chairmen, and Secretaries shall be annually appointed by the Council, and of which the members of the Corresponding Societies Committee shall be *ex officio* members.

'The Conference of Delegates shall be summoned by the Secretary of the Association to hold one or more meetings during each annual meeting of the Association, and shall be empowered to invite any member or associate to take part in the meetings.

'The Secretaries of each Section shall be instructed to transmit to the Secretaries of the Conference of Delegates copies of any recommendations forwarded by the Presidents of Sections to the Committee of Recommendations bearing upon matters in which the co-operation of Corresponding Societies is desired; and the Secretaries of the Conference of Delegates shall invite the authors of these recommendations to attend the meetings of the Conference and give verbal explanations of their objects and of the precise way in which they would desire to have them carried into effect.

'It shall be the duty of the Delegates to make themselves familiar with the purport of the several recommendations as brought before the Conference, in order that they and others who take part in the meetings may be able to bring the recommendations clearly and favourably before their respective Societies. The Conference may also discuss propositions bearing on the promotion of more systematic observation and plans of operation, and of greater uniformity in the mode of publishing results.'

The Committee believe that the distinction accorded to a Society through its selection and formal recognition by the British Association as one of its Corresponding Societies, the advantage of a widely-circulated notice of its local work in so important a volume as the Report of the British Association, and the honourable and useful duties assigned to its Delegate, would give considerable value to the title.

They also anticipate that a Society which had asked for and received recognition as a representative centre of the scientific institutions in its district, would be thereby stimulated to exercise that very creditable and important function with increased zeal and efficiency. The result would be to strengthen the mutual relations of the larger and the smaller Societies, to ensure the encouragement of any disposition to co-operate in systematic investigations, and to establish a practice of printing the scattered results obtained by the smaller Societies of any district in a consolidated form in the publications of their leading Society.

Finally, the Committee believe that the annual meetings of the proposed Conference of Delegates, under the chairmanship of a distinguished member of the Association, would have large influence in harmonising the action of their several Societies, without in any way tending to compromise their independence, and that they would offer a facility that does not now exist for the natural and healthy growth of a federation between remote Societies which have no more direct bond of union than through the British Association.

## List of 'Local Scientific Societies which publish Proceedings.'

M.U. Midland Union of Natural History Societies. · Y.N.U. Yorkshire Naturalists' Union.

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee
Aberdeen Natural History Society. 1862.	J. Roy, 33 Belvidere Street, Aberdeen.	51	s. d. 5 0
Aberdeen Philosophical Society. 1810.	A. D. Milne, 58 Marischal Street, Aberdeen.	130	21 0
Alloa Society of Natural Science and Archaeology. 1863.	Museum, Alloa . . . . .	157	5 0 Ladies only
Arbroath Horticultural and Natural History Association. 1880.	Geo. Bell, Arbroath . . . . .	72	—
Banburyshire Natural History Society and Field Club. 1881.	E. A. Walford, 21 West Bar Street, Banbury.	80	—
Barnsley Naturalists' Society. 1867.	W. E. Brady, 1 Queen Street, Barnsley, Yorkshire.	90	2 0 1 0
Barrow Naturalists' Field Club and Literary and Scientific Association. 1876.	Cambridge Lecture Hall, Barrow-in-Furness.	130 (about)	—
Bath Microscopical Society. 1858.	R. H. Moore, 13 Pulteney Gardens, Bath.	41	21 0
Bath Natural History and Antiquarian Field Club. 1855.	Royal Literary and Scientific Institution, Bath.	81	5 0
Bedfordshire Natural History Society and Field Club. 1875.	T. G. Elger, Manor Cottage, Kempston, Bedford.	90	—
Belfast Natural History and Philosophical Society. 1821.	Museum, College Square North, Belfast.	155 (about)	—
Belfast Naturalists' Field Club. 1863.	W. Swanston, 50 King Street, Belfast.	280	—
Berkshire Archaeological and Architectural Society. 1871.	J. Rutland, The Gables, Taplow, Maidenhead.	180	—
Berwickshire Naturalists' Club. 1831.	J. Hardy, Oldcambus, Cockburnspath, Berwickshire.	379	10 6
Birkenhead Literary and Scientific Society. 1857.	34 Hamilton Square, Birkenhead.	159	—
Birmingham Natural History and Microscopical Society. 1858.	Mason College, Birmingham .	382	—
Birmingham Philosophical Society. 1876.	Mason College, Birmingham .	154	—
Braintree and Bocking Microscopical and Natural History Club. 1880.	D. R. Sharpe, Bocking, Braintree.	89	—

Drawn up by H. GEORGE FORDHAM. (Corrected to November, 1883.)

NOTE.--'Number of members' includes all classes of members, and in some cases associates or students.

Annual Subscription	Title and Size of Publications	Frequency of Issue	Remarks
s. d. 2 6	<i>Transactions</i> , 8vo., and separate papers.	Last vol. 1878 . . .	Another vol. now being prepared.
10 6	<i>Proceedings</i> , 8vo. . . .	Occasionally . . .	Now printing a selection of papers. Publications issued to members only.
5 0	<i>Proceedings</i> , 8vo. . . .	Last vol. 1876 . . .	Museum.
Ordinary members only	<i>Annual Report</i> , 8vo. Separate papers, 8vo. . . .	Occasionally.	
2 6	<i>Flora of Arbroath and its Neighbourhood</i> , 16mo. 63 pp.	1882.	
5 0	<i>List of the Birds of the Banbury District</i> , 8vo. Separate papers, 8vo. . . .	1882. Irregularly.	
6 0	<i>Quarterly Transactions</i> , 8vo., 12 pp.	1 vol. annually . . .	Y.N.U.
3 0			
10 6	<i>Annual Report and Proceedings</i> , 8vo.	Vol. iv. 1882-3.	
10 6	<i>Report</i> , 8vo. . . . . Presidential Address, and occasional papers.	Annually . . . . .	Library, and Cabinet of Slides.
10 0	<i>Proceedings</i> , 8vo. . . . .	Since 1867, 4 vols., and vol. v., pt. 1.	
5 0	<i>Abstract of Proceedings and Transactions</i> , 8vo.	Since 1875, 3 pts. . . .	M.U.
21 0	<i>Report and Proceedings</i> , 8vo. . .	Annually . . . . .	Museum and Library.
5 0	<i>Annual Reports and Proceedings</i> , 8vo.	Vol. i., New Series, 1873-80.	
10 0	<i>Transactions</i> , 8vo. . . . .	Annually . . . . .	Library.
2 6	<i>Annual Report</i> , 8vo.		
6 6	<i>Proceedings</i> , 8vo. . . . .	1 pt. annually. 9 vols. and 1 no. issued.	
10 6	<i>Annual Report</i> , and President's Address.		
10 0	<i>Report and Transactions</i> , 8vo.	Since 1869, 4 vols., dated 1869, 70, 80, 81.	M.U. Library and Herbarium.
21 0	<i>Report of the Council</i> , 8vo. . . . <i>Proceedings</i> , 8vo. . . . .	Annually . . . . . 1 pt. annually. Vol. iii., pt. 1, 1881-2.	M.U.
2 6	<i>Journal and Report</i> , 8vo. . . .	Annually.	

## List of 'Local Scientific

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee
Brighton and Sussex Natural History Society. 1854.	J. C. Clark, 64 Middle Street, Brighton.	185	s. d. 10 0
Bristol and Gloucestershire Archaeological Society. 1876.	Rev. W. Bazeley, Matson Rectory, Gloucester.	518	10 6
Bristol Naturalists' Society. 1862.	A. Leipner, 47 Hampton Park, Redland, Bristol.	172	5 0
Buckingham, Architectural and Archaeological Society for the County of. 1847.	Museum, Aylesbury	220	—
Burnley Literary and Scientific Club. 1873.	Dr. Mackenzie, Burnley	209	—
Burton-on-Trent Natural History and Archaeological Society. 1876.	Cocoa Café, Horninglow Street, Burton-on-Trent.	226	—
Cambrian Archaeological Association. 1846.	Rev. R. T. Owen, Llangedwyn Vicarage, Oswestry.	308	—
Cambridge Antiquarian Society. 1840.	Rev. S. S. Lewis, Corpus Christi College, Cambridge.	300	—
Cambridge Philosophical Society. 1819.	New Museums, Cambridge		21 0
Cardiff Naturalists' Society. 1867.	Dr. Vachell, 38 Charles Street, Cardiff.	413	—
Cheltenham Natural Science Society. 1877.	E. Wethered, 5 Berkeley Place, Cheltenham.	93	—
Chester Society of Natural Science. 1871.	G. R. Griffith, Grosvenor Street, Chester.	558	—
Chesterfield and Derbyshire Institute of Mining, Civil and Mechanical Engineers. 1871.	Stephenson Memorial Hall, Chesterfield.	288	21 0
Chichester and West Sussex Natural History and Microscopical Society. 1873.	Dr. Paxton, West Street, Chichester.	148	—
Cleveland Institution of Engineers. 1864.	A. Macpherson, 4 Milton Street, Middlesbrough-on-Tees.	360	—
Cleveland Naturalists' Field Club and University Extension Society. 1881.	J. J. Burton, Royal Exchange, Middlesbrough-on-Tees.	100	2 6
Clifton College Scientific Society. 1869.	Clifton College, Bristol	100	—
Cornwall, Mining Institute of. 1876.	W. Rich, Jun., Redruth, Cornwall.	138	—

Societies'—continued.

Annual Subscription.	Title and Size of Publications	Frequency of Issue	Remarks
s. d. 10 0	<i>Annual Report and Abstract of Proceedings</i> , 8vo.	Last vol. 1878 . . .	Library.
	<i>Annual Report</i> , 8vo. . . . .	Since 1878 only.	
10 6	<i>Transactions</i> , 8vo. . . . .	2 pts. annually.	
10 0	<i>Proceedings</i> , 8vo. . . . .	1 pt. annually. 3 pts. = 1 vol.	
6 0	<i>Records of Buckinghamshire</i> , 8vo.	1 no. annually. 8 nos. = 1 vol. 4 vols. and 4 nos. issued.	Museum.
10 0	<i>The Burnley Grammar School Library.</i>	1881. Will publish Proceedings this year.	
5 0	<i>Annual Report</i> , 8vo. . . . .		M.U.
1 0	<i>Catalogue of Ancient Remains found at Stapenhill, Derbyshire</i> , 8vo.	1882.	Museum and Library.
21 0	<i>Archæologia Cambrensis</i> . . . .	Quarterly. 36 annual and a few extra vols. published.	16 Local Secretaries, one for each county of the Principality and the Marches.
21 0	<i>Report and Communications</i> , 8vo., and occasional independent publications, 8vo.	At intervals of a few months.	
21 0	<i>Proceedings</i> , 8vo. . . . . <i>Transactions</i> , 4to.		Library. Incorporated 1832.
10 0	<i>Report and Transactions</i> , 8vo. .	Annually . . . . .	Museum and Library.
10 0	<i>Reports of Science Papers</i> , 8vo. reprinted from 'Cheltenham Examiner.'	Bound up into a vol. annually.	M.U.
5 0	<i>Proceedings</i> , 8vo. . . . . <i>Annual Report</i> , 8vo.	Irregularly. No. 1, 1874. No. 2, 1878.	Museum and Library.
31 6	<i>Transactions</i> , 8vo. . . . .	A vol. annually in about 6 parts.	Museum and Library.
5 0	<i>Transactions</i> , 8vo. . . . .	Annually.	
2 6		No. 1. 24 pp. 1882. No. 2. 62 pp. 1883.	
21 0	<i>Proceedings</i> , 8vo. . . . .	6 nos. in 1882.	
2 6	<i>Middlesbro' and the District</i> , 8vo.		
varies	<i>Transactions</i> , 8vo. . . . .	7 pts. issued to 1880 .	Museum and Library.
10 6	<i>Proceedings</i> , 8vo. . . . .	Annually.	



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Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee
Cornwall, Royal Geological Society of. 1814.	G. B. Millett, Penzance . . .	137	<i>s. d.</i> —
Cornwall, Royal Institution of. 1818.	Truro . . . . .	250	—
Cornwall, Royal, Polytechnic Society. 1833.	Polytechnic Hall, Falmouth .	300 (about)	—
Cornwall and Devon, Miners' Association of. 1859.	W. Rich, Jun., Redruth, Cornwall.	285	—
Cotteswold Naturalists' Field Club. 1816.	Dr. Paine, Stroud, Gloucestershire.	91	20 0
Croydon Microscopical and Natural History Club. 1870.	C. P. Turner, The Chestnuts, North End, Croydon, Surrey.	263	—
Cumberland Association for the Advancement of Literature and Science. 1876.	R. Crowder, Eden Mount, Stanwix, Carlisle.	[23	—
Cumberland and Westmorland Antiquarian and Archaeological Society. 1866.	T. Wilson, Highgate, Kendal .	370	—
Derbyshire Archaeological and Natural History Society. 1878.	A. Cox, Mill Hill, Derby. . .	300 (about)	5 0
Devonshire Association for the Advancement of Science, Literature, and Art. 1862.	Rev. W. Harpley, Clayhanger Rectory, near Tiverton, Devon.	503	—
Dorset Natural History and Antiquarian Field Club. 1873.	Prof. Buckman, Bradford Abbas, Sherborne, Dorset.	200	—
Dudley and Midland Geological and Scientific Society and Field Club. 1862.	Mechanics' Institute, Dudley .	106	—
Dulwich College Science Society. 1878.	Dulwich College, London, S.E..	81	1 0
Dumfriesshire and Galloway Scientific, Natural History, and Antiquarian Society. 1876.	J. Rutherford, Jardington, Dumfries.	175	2 6
Dundee Naturalists' Society. 1874.	F. W. Young, High School of Dundee, Dundee.	473	—
Ealing Microscopical and Natural History Society. 1877.	A. Ramsay, 4 Cowper Road, Acton, London, W.	101	—
Eastbourne Natural History Society. 1868.	F. G. Cooke, Trinity Chambers, Eastbourne.	125	2 6
East Kent Natural History Society. 1858.	G. H. Nelson, Whitefriars, Canterbury.	74	—
Edinburgh, Botanical Society of. 1836.	5 St. Andrew Square, Edinburgh.	415	—

Societies'—continued.

Annual Subscription	Title and Size of Publications	Frequency of Issue	Remarks
s. d. 21 0	<i>Transactions</i> , 8vo. . . . .	Annually . . . . .	Museum and Library.
21 0	<i>Journal</i> , 8vo. . . . . <i>Cornish Fauna</i> , and miscellaneous publications.	About 2 pts. annually.	
10 0 5 0	<i>Annual Report</i> , 8vo. . . . .	. . . . .	Annual Exhibition. Library.
5 0 &c.	<i>Reports and Proceedings</i> , 8vo. . . . .	Annually . . . . .	Work mainly educational. Library.
15 0	<i>Proceedings</i> , 8vo.		
10 0	<i>Proceedings and Transactions</i> , 8vo.	10 nos. since 1870.	
5 0]	<i>Transactions</i> , 8vo. . . . .	1 pt. annually. 7 pts. (vols.) published.	Comprises 11 Societies with 1,460 members. <i>See Appendix.</i>
10 6	<i>Transactions</i> , 8vo., about 250 pp.	Annually, in May.	
10 6	<i>Journal</i> , 8vo. . . . .	1 vol. annually.	
10 6	<i>Report and Transactions</i> , 8vo. . . . .	1 vol. annually . . . . .	Holds an annual meeting in a Devonshire town.
10 0	<i>Proceedings</i> , 8vo. . . . .	Vols. 1-4 published.	
	<i>The Spiders of Dorset</i> , 8vo. . . . .	2 vols published.	
10 6	<i>Proceedings</i> , 8vo. . . . .	None since 1880. A pt. to be issued in 1883.	M.U. Museum.
2 6 4 6	<i>Annual Report</i> , 8vo. . . . .	. . . . .	Museum and Library.
2 6	<i>Transactions and Journal of the Proceedings</i> , 8vo. 80-90 pp.	Biennially . . . . .	Similar Society existed 1862 to 1875.
5 0 &c.	<i>Annual Report</i> , 8vo. . . . . Separate papers, 8vo. . . . .	. . . . . Occasionally.	Museum and Library.
10 0	<i>Annual Report</i> , 8vo. . . . . Separate papers, 8vo. . . . .	Irregularly.	
7 6	<i>Transactions</i> , 8vo. . . . .	Annually . . . . .	Museum and Library.
10 0	<i>Report</i> , 8vo. . . . .	Annually.	
15 0	<i>Transactions and Proceedings</i> , 8vo.	14 vols. published.	Library, Herbarium, and Museum.
	<i>Reports</i> . . . . .	1 vol. published.	

## List of 'Local Scientific

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee
Edinburgh Geological Society. 1834.	W. I. Macadam, Surgeons' Hall, Edinburgh	330	s. d. 10 6
Edinburgh Naturalists' Field Club. 1869.	A. Moffat, 320 Leith Walk, Edinburgh.	165	--
Erith and Belvedere Natural History and Scientific Society. 1878.	C. H. Goodman, Belvedere, Lesness Heath, Kent.	150	--
Essex Archæological Society. 1852.	Museum, Colchester Castle, Colchester.	230 (about)	--
Essex Field Club. (Epping Forest and County of Essex Naturalists' Field Club.) 1880.	W. Cole, Buckhurst Hill, Essex.	400	--
Folkestone Natural History Society. 1868.	H. Ullyett, Lyell House, Folkestone.	90	--
Glasgow Archæological Society. 1856.	W. G. Black, 88 West Regent Street, Glasgow.	209	--
Glasgow, Geological Society of. 1858.	207 Bath Street, Glasgow.	230	--
Glasgow, Natural History Society of. 1851.	207 Bath Street, Glasgow.	300	10 0
Glasgow, Philosophical Society of. 1803.	207 Bath Street, Glasgow.	697	21 0
Goole Scientific Society. 1875.	J. Harrison, Tillage Works, Goole.	78	--
Hackney Microscopical and Natural History Society. 1877.	C. Willmott, Morley Hall, Triangle, Hackney, London, E.	116	--
Halifax Literary and Philosophical Society. 1830.	S. T. Rigge, Halifax.	403	--
Hastings and St. Leonards Philosophical Society. 1858.	A. L. Ward, 4 St. Paul's Place, St. Leonards-on-Sea.	66	--
Hawick Archæological Society. 1856.	J. Cairns, Gladstone Street, Hawick.	145	--
Hertfordshire Natural History Society and Field Club. 1875.	Public Library, Watford, Herts.	288	10 0
High Wycombe Natural History Society. 1865.	T. Marshall, High Wycombe.	20 (about)	--
Holmesdale Natural History Club. 1857.	A. J. Crosfield, Carr End, Redhill, Surrey.	80	--
Huddersfield Naturalists' Society. 1847.	S. L. Mosley, Beaumont Park, Huddersfield.	89	2 6 1 0

Societies'—continued.

Annual Subscription	Title and Size of Publications	Frequency of Issue	Remarks
s. d. 12 6	<i>Transactions</i> , 8vo. . . . .	From 1868, 4 vols. published.	Library.
5 0	<i>Transactions</i> , 8vo. . . . .	Annually. Pt. 2, vol. i., 1883.	
5 0	<i>Annual Report</i> , 8vo.		
10 6	<i>Transactions</i> , 8vo. . . . . <i>Catalogue of the Antiquities in the Colchester Museum</i> , 8vo.	1 pt. annually. 4 pts. = 1 vol. 2nd ed., 1870.	Museum and Library.
10 6	<i>Transactions</i> , 8vo. . . . .	About 2 pts. annually. 7 pts. in 3 vols., 820 pp. published.	Museum and Library.
5 0	<i>Proceedings</i> , 4to. . . . .	Occasionally . . . .	Museum and Library.
10 6	<i>Transactions</i> , 8vo. . . . .	1 pt. annually . . . .	Library.
10 0	<i>Transactions</i> , 8vo. . . . .	6 vols. in 15 pts. published.	Museum and Library.
5 0	<i>Proceedings</i> , 8vo. . . . .	5 vols. in 11 pts. published.	Library.
21 0 5 0	<i>Proceedings</i> , 8vo. . . . .	1 vol. annually . . . .	Library.
5 0 2 6	<i>Annual Report of the Committee</i> , 8vo. Separate papers, 8vo. . . . .	. . . . . Occasionally.	Y.N.U. Museum and Library.
10 0	<i>Annual Report</i> , 8vo. . . . .	. . . . .	Museum and Library.
25 0	<i>Report of the Council and Proceedings</i> , 8vo.	Annually . . . . .	Museum and Library.
10 6	<i>Transactions</i> , 8vo. . . . . <i>Natural History of Hastings and St. Leonards</i> .	1864 only. 1878.	
2 6	Report of Papers, no title, 4to.	For 1881-2, 48 pp. bound up in 1 vol.	Museum.
10 0	<i>Transactions</i> , 8vo. . . . .	About 4 pts. annually, of 48 pp. each.	Founded as Watford Nat. Hist. Soc. Library and Herbarium.
2 6	<i>Quarterly Magazine</i> , 8vo. . . . . Annual Address of President separately.	Discontinued. 2 vols. to June, 1870.	
10 0	<i>Proceedings</i> , 8vo. . . . .	Irregularly . . . . .	Museum and Library.
4 0 2 6	Catalogues of Fauna and Flora of District, 8vo.	1 pt. annually . . . .	Y.N.U.

## List of 'Local Scientific

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee
Hull Literary and Philosophical Society. 1822.	Royal Institution, Hull . . .	584	<i>s. d.</i> —
Inverness Scientific Society and Field Club. 1875.	T. D. Wallace, High School, Inverness.	161	5 0
Ireland, Royal Geological Society of. 1831.	39 Trinity College, Dublin . .	155	21 0
Ireland, Royal Historical and Archaeological Association of. 1849.	Rev. J. Graves, Inisnag Glebe, Stoneyford, Co. Kilkenny.	478	40 0
Ireland, Statistical and Social Inquiry Society of. 1816.	35 Molesworth Street, Dublin .	250 (about)	—
Keighley Scientific and Literary Society. 1881.	A. Keighley, Floss House, Keighley.	70	—
Kent Archeological Society. 1857.	The Museum, Maidstone . . .	900	10 0
Kirkcaldy Naturalists' Society. 1882.	W. D. Sang, 12 Townsend Crescent, Kirkcaldy	132	—
Lambeth Field Club and Scientific Society. 1872.	Old Vestry Hall, 135 Lambeth Road, London, S.E.	39	1 0
Lancashire and Cheshire Antiquarian Society. 1883.	G. C. Yates, Swinton, Manchester.	220	10 6
Lancashire and Cheshire Entomological Society. 1877.	J. W. Ellis, 101 Everton Road, Liverpool.	67	—
Lancashire and Cheshire, Historic Society of. 1831.	Royal Institution, Liverpool .	230	—
Largo Field Naturalists' Society. 1863.	C. Howie, Largo, Fifeshire . .	51	7 6
Leeds Naturalists' Club and Scientific Association. 1870.	H. Pollard, 19 Britannia Terrace, New Wortley, Leeds.	230	—
Leeds Philosophical and Literary Society. 1820.	Museum, Leeds . . . . .	629	—
Leicester Literary and Philosophical Society. 1835.	Town Museum, Leicester . . .	317	—
Lewes and East Sussex Natural History Society. 1864.	J. H. A. Jenner, 4 East Street, Lewes.		5 0
Lewisham and Blackheath Scientific Association. 1879.	H. W. Jackson, 159 High Street, Lewisham, London, S.E.	130	—

Societies'—continued.

Annual Subscription	Title and Size of Publications	Frequency of Issue	Remarks
s. d. 21 0	<i>Annual Report of the Council and Transactions</i> , 8vo.	. . . . .	Museum and Library.
5 0	<i>Transactions</i> , 8vo. . . . .	. . . . .	<i>Transactions</i> from 1875 in course of republication.
21 0	<i>Journal</i> , 8vo. . . . .	Annually.	
10 0			
20 0	<i>Journal</i> , 8vo. . . . .	Quarterly, in 4 Series, 17 vols. published.	Founded as the Kilkenny Arch. Soc.
	<i>Annual Volume</i> , 8vo. . . . .	For 1868-9 = 1 vol.	
	ditto 4to. . . . .	For 1870-77 in 8 pts. = 2 vols.	
21 0	<i>Journal</i> , 8vo. . . . .	Half-yearly.	
4 0	<i>Journal</i> , 4to. 16 pp. . . . .	Quarterly . . . . .	Y.N.U.
2 6			
10 0	<i>Archæologia Cantiana</i> , 8vo. . . . .	Annually. 15 vols. published.	Museum.
5 0	Separate papers, 8vo. . . . .	Occasionally.	
6 0	<i>Report</i> , 8vo. . . . .	Annually . . . . .	Library.
10 6	<i>Transactions</i> , 8vo. . . . .	Annually.	
5 0	<i>Annual Report</i> , 8vo., and Papers reprinted from the 'Naturalist'	. . . . .	Library.
10 6	<i>Proceedings</i> , 8vo.		
21 0			
2 6	<i>Report of Annual Meeting</i> , 8vo.	1881 and 1882 only . . . . .	Museum.
2 6	<i>Annual Report</i> . . . . .		Y.N.U.
to	<i>The Natural History of Leeds, Wharfedale and Nidderdale</i> , 8vo.	In preparation.	
21 0			
21 0	<i>Transactions</i> , 8vo. . . . .	1837 . . . . .	Museum and Library.
7 6	<i>Annual Report</i> , 8vo. Catalogue of the Library . . . . .	1883.	
21 0	<i>Transactions</i> , 8vo. . . . .	9 pts. issued, containing proceedings to June, 1879. For 1881-3, published with Report.	M.U. Library.
	<i>Report of the Council</i> , 8vo. . . . .	Annually.	
5 0	<i>Annual Report</i> , 8vo. . . . .	None since 1878 . . . . .	Library.
10 6	<i>Annual Report</i> , 8vo. <i>Report of the Committee for the exploration of the Subsidence on Blackheath</i> , 8vo.	1881.	

## List of 'Local Scientific

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee
Liverpool Astronomical Society. 1882.	W. H. Davies, 55 Great Newton Street, Liverpool.	86	<i>s. d.</i> —
Liverpool Engineering Society. 1875.	Royal Institution, Liverpool .	112	—
Liverpool Geological Association. 1880.	Free Library, William Brown Street, Liverpool.	131	—
Liverpool Geological Society. 1859.	G. H. Morton, 122 London Road, Liverpool.	67	—
Liverpool, Literary and Philosophical Society of. 1812.	Royal Institution, Liverpool .	333	10 6
Liverpool, Microscopical Society of. 1868.	Royal Institution, Liverpool .	180	—
Liverpool Naturalists' Field Club. 1860.	Rev. W. Banister, St. James's Mount, Liverpool.	420	—
Liverpool Polytechnic Society. 1838.	Royal Institution, Liverpool .	221	—
London and Middlesex Archæological Society. 1855.	4 St. Martin's Place, Trafalgar Square, London, S.W.		10 0
Macclesfield Scientific Students' Association. 1880.	Useful Knowledge Society, Macclesfield.	18	—
Malvern Naturalists' Field Club. 1852.	H. Wilson, Eastnor, Malvern Link.	80	10 0
Manchester Field Naturalists' and Archæologists' Society. 1860.	A. Griffiths, 16 Kennedy Street, Albert Square, Manchester.	220	—
Manchester Geological Society. 1838.	36 George Street, Manchester .	222	—
Manchester Literary and Philosophical Society. 1781.	36 George Street, Manchester .	181	42 0
Manchester—Lower Mosley Street Schools Natural History Society. 1861.	H. Hyde, 37 Cottenham Street, Upper Brook Street, Manchester.	38	1 0
Manchester Scientific Students' Association. 1861.	97 Bridge Street, City, Manchester.	370	2 6
Manchester Statistical Society. 1833.	Memorial Hall, 44 Brown Street, Manchester.	205	10 6
Man, Isle of, Natural History and Antiquarian Society. 1879.	P. M. C. Kermode, Seabridge Cottage, Ramsey, Isle of Man.	64	—
Marlborough College Natural History Society. 1864.	The College, Marlborough, Wilts.	76	2 6

Societies'—continued.

Annual Subscription	Title and Size of Publications	Frequency of Issue	Remarks
s. d. 5 0	<i>Transactions</i> , 8vo. . . . . <i>Abstracts of Proceedings</i> , 8vo. . . . .	Occasionally. Vol. i. 1882-3.	
21 0 10 6	<i>Transactions</i> , 8vo. . . . . <i>Annual Report</i> , 8vo.	Annually from 1881 . . . . .	Library.
5 0	<i>Transactions</i> , 8vo. . . . .	1 vol. annually . . . . .	Library.
21 0	<i>Proceedings</i> , 8vo. . . . .	Annually . . . . .	Library.
21 0	<i>Proceedings</i> , 8vo. . . . .	1 vol. annually; 36 vols. published since 1845.	Library.
10 6	<i>Annual Report</i> , 8vo. . . . .	. . . . .	Library and Cabinet of Slides.
5 0	<i>Proceedings</i> , 8vo. . . . .	Annually.	
11 0	<i>Journal</i> . . . . .	. . . . .	Library.
21 0	<i>Transactions</i> , 8vo. . . . . <i>Proceedings of Evening Meetings</i> . Separate papers.	5 vols. published.	
10 0	Separate papers, 8vo. . . . .	Occasionally.	
5 0	<i>Transactions</i> . . . . .	Occasionally.	
10 6	<i>Report and Proceedings</i> , 8vo. . . . .	Annually.	
20 0	<i>Transactions</i> , 8vo. . . . .	9 pts. annually = about 1 vol. in 2 years.	Library.
42 0	<i>Proceedings</i> , 8vo. . . . . <i>Memoirs</i> , 8vo. . . . .	1 vol. annually. Occasionally.	
2 0	<i>Report</i> , 8vo. . . . .	Annually.	
10 0	<i>Report and Proceedings</i> , 8vo. . . . .	Annually.	
10 6	<i>Transactions</i> , 8vo. . . . .	Annually . . . . .	Library.
5 0 2 6	<i>Annual Reports</i> , 8vo. Reports of Meetings and Excursions, reprinted from ' <i>Mona's Herald</i> .'	Occasionally.	
3 0	<i>Report</i> , 8vo. . . . .	1 vol. annually . . . . .	Museum.



## List of 'Local Scientific

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee
Midland Institute of Mining, Civil and Mechanical Engineers. 1857.	Eldon Street, Barnsley, Yorkshire.	166	<i>s. d.</i> —
Midland Union of Natural History Societies. 1877.	W. J. Harrison, 365 Lodge Road, Birmingham.		
Montrose Natural History and Anti-quarian Society. 1836.	Museum, Montrose . . . .	164	—
Newbury District Field Club. 1870.	W. Money, Herborough House, Newbury.	134	5 0
Newcastle-upon-Tyne Literary and Philosophical Society. 1793.	Newcastle-upon-Tyne. . . .	1200	—
Newcastle-upon-Tyne, Society of Anti-quaries of. 1813.	The Castle, Newcastle-upon-Tyne.	200 (about)	—
Norfolk and Norwich Archaeological Society. 1846.	R. Fitch, Norwich . . . .	300 (about)	—
Norfolk and Norwich Naturalists' Society. 1869.	W. H. Bidwell, Norwich . . .	237	—
North of England Institute of Mining and Mechanical Engineers. 1852.	Newcastle-upon-Tyne . . . .	852	—
North Oxfordshire, Archaeological Society of. 1853.	Rev. W. D. Macray, Ducklington Rectory, Witney.	60	—
North Staffordshire Institute of Mining and Mechanical Engineers. 1872.	J. R. Haines, Adderley Green Collieries, Stoke-on-Trent.	262	—
North Staffordshire Naturalists' Field Club and Archaeological Society. 1865.	Rev. T. W. Daltry, Madeley Vicarage, Newcastle, Staffordshire.	374	5 0
Northamptonshire Natural History Society and Field Club. 1876.	S. J. Newman, 32 Abington Street, Northampton.	240	—
Northumberland, Durham, and Newcastle-upon-Tyne, Natural History Society of. 1829.	Museum of the Natural History Society, Newcastle-upon-Tyne.	150	—
Norwich Geological Society. 1864.	J. Orfeur, The Close, Norwich. .	72	—
Norwich Science Gossip Club. 1870.	F. H. Ellingham, Thorpe St. Andrew, Norwich.	61	1 0
Nottingham Naturalists' Society. 1852.	B. S. Dodd, 33 Beech Avenue, New Basford, Nottingham.	139	—

Societies'—continued.

Annual Subscription	Title and Size of Publications	Frequency of Issue	Remarks
s. d. 21 0	<i>Transactions</i> , 8vo. . . . .	About 8 pts. annually.	
	<i>Midland Naturalist</i> , 8vo. . . . .	Monthly, forming one vol. annually.	Includes 21 Societies, with 2,683 members. <i>See Appendix.</i>
5 0	<i>Report of the Directors</i> , 8vo. <i>List of British Birds in the Society's Collections</i> , 8vo.	Annually . . . . . 1881.	Museum.
5 0	<i>Transactions</i> , 8vo. . . . .	Vol. i. 1870; vol. ii. 1872-6.	
21 0	<i>Proceedings</i> . . . . .	. . . . .	Library.
21 0	<i>Proceedings</i> , 8vo. . . . . <i>Archæologia Eliana</i> , 8vo., and other publications.	Monthly. Irregularly.	
7 6	<i>Original Papers</i> , 8vo. . . . .	9 vols. since 1846.	
5 0	<i>Transactions</i> , 8vo. . . . .	1 pt. annually . . . . .	Library.
21 0 42 0 63 0	<i>Transactions</i> , 8vo. . . . .	1 vol. annually. 32 vols. published.	Incorporated in 1876.
5 0	<i>Transactions</i> , 8vo. . . . .	Irregularly.	
21 0	<i>Transactions</i> , 8vo. . . . .	6 vols., & pt. 1, vol. 7, published.	Library.
5 0	<i>Annual Report</i> , 8vo. . . . .	17 vols. published.	Library.
10 0	<i>Journal</i> , 8vo. . . . .	Quarterly. Vol. i. 1880-1, ii. 1882-3.	M.U. Library.
21 0	<i>Natural History Transactions of Northumberland, Durham, and Newcastle-upon-Tyne</i> , 8vo.	7 vols issued. (Include proceedings of the Tyneside Naturalists' Field Club.)	Museum.
5 0	<i>Proceedings</i> , 8vo. . . . .	1 no. annually.	
4 0	<i>Report of Proceedings at the Annual Meeting</i> , 8vo.		
5 0 2 6	<i>Annual Report (with Transactions)</i> , 8vo.	. . . . .	M.U. Library.

## List of 'Local Scientific

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee
Oswestry and Welshpool Naturalists' Field Club and Archaeological Society. 1857.	Rev. O. M. Feilden, Frankton Rectory, Oswestry.	40	s. d. 5 0
Oxford—Ashmolean Society. 1823.	University Museum, Oxford.	266	—
Penzance Natural History and Antiquarian Society. 1839.	G. B. Millett, Chapel Street, Penzance.	82	—
Perthshire Society of Natural Science. 1867.	Perthshire Natural History Museum, Tay Street, Perth.	295	2 6
Plymouth Institution and Devon and Cornwall Natural History Society. 1812.	Athenæum, Plymouth . . .	262	—
Powys-land Club. 1867 . . . .	Powys-land Museum and Library, Welshpool.	180	—
Rochester Naturalists' Club. 1878.	J. Hepworth, 2 Union Street, Rochester.	74	2 6
Rugby School Natural History Society. 1866.	Rev. F. D. Morice, Rugby . .	167	—
Scarborough Philosophical and Archaeological Society. 1830.	J. H. Phillips, Museum, Scarborough.	70 (about)	--
Severn Valley Naturalists' Field Club. 1863.	R. W. Ralph, Honnington Grange, Newport, Salop.	65	5 0
Sheffield Literary and Philosophical Society. 1823.	School of Art, Sheffield . . .	385	—
Sheffield Naturalists' Club. 1872 .	J. C. Burrell, 5 King Street, Sheffield.	217	—
Shropshire Archæological and Natural History Society. 1835.	F. Goyne, Dogpole, Shrewsbury.	230	—
Somersetshire Archæological and Natural History Society. 1849.	Taunton Castle, Taunton . . .	500 (about)	10 6
Southampton Literary and Philosophical Society. 1863.	Morris Miles, Hill, near Southampton.	75	—
South London Entomological Society. 1872.	94 New Kent Road, London, S.E.	53	1 0

Societies'—continued.

Annual Subscription	Title and Size of Publications	Frequency of Issue	Remarks
s. d. 5 0	<i>Report of Meetings</i> , 8vo. . . .	No publications since 1865. A no. about to be issued.	M.U.
21 0	<i>Transactions</i> , 8vo. . . . . <i>Journal of the Proceedings</i> , 8vo. <i>Catalogue of Library</i> , 8vo. . . . Separate papers, 8vo. . . . .	Once or twice a year. 1878. Occasionally.	Museum and Library.
10 6	<i>Report and Transactions</i> , 8vo.	1 pt. annually. 4 pts. = 1 vol.	Museum and Herbarium.
6 6	<i>Proceedings</i> , 4to. . . . .	1 pt. annually . . . .	Museum and Library.
20 0	<i>Annual Report and Transactions</i> , 8vo.	7 vols. and 2 pts. vol. viii. issued.	Museum and Library.
21 0	<i>Montgomeryshire Collections</i> , 8vo.	1 vol. annually. 16 vols. published.	Museum and Library.
3 6	<i>Rochester Naturalist</i> , 8vo. . . .	Quarterly, commencing July 1883.	
7 6	<i>Report</i> , 8vo. . . . .	1 vol. annually . . . .	Temple Observatory.
20 0	<i>Report</i> , 8vo. . . . .	Annually . . . . .	Museum and Library.
5 0	<i>Report of the Field Meetings</i> , 8vo. Separate papers, 8vo. . . . .	Every two or three years. Occasionally.	M.U.
10 6 21 0 42 0	<i>Annual Report</i> , 8vo. . . . .	. . . . .	Library.
10 6 5 0	<i>Annual Report and Record of Transactions</i> , 8vo.	. . . . .	Y.N.U.
21 0	<i>Transactions</i> , 8vo. . . . .	3 pts. forming 1 vol. annually. 18 pts. issued since 1878.	Museum and Library (College Hill, Shrewsbury).
10 6	<i>Proceedings</i> , 8vo. . . . .	1 vol. annually. 28 vols. issued.	Museum and Library.
10 0	. . . . .	. . . . .	Not published last few years, but will be again.
6 0	<i>Report</i> , 8vo. . . . .	Annually . . . . .	Library and Cabinet.

1883.

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## List of Local Scientific

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee
South London Microscopical and Natural History Club. 1871.	Brixton Hall, Acre Lane, Brixton, London, S.W.	152	s. d. —
South Staffordshire and East Worcestershire Institute of Mining Engineers. 1867.	Mining Museum, Dudley.	205	21 0
South Wales Institute of Engineers. 1847.	Hort. Huxham, Swansea.	230	21 0
Stafford - William Salt Archaeological Society. 1879.	William Salt Library, Stafford.	220	—
Stirling Natural History and Archaeological Society. 1878.	D. Chrystal, 11 King Street, Stirling.	58	—
Stroud Natural History and Philosophical Society. 1876.	E. N. Witchell, The Acre, Stroud, Gloucestershire.	60	—
Suffolk Institute of Archaeology and Natural History. 1848.	F. M. Smith, 16 Westgate, Bury St. Edmund's.	110	10 0
Surrey Archaeological Society. 1854.	8 Danes Inn, Strand, London, W.C.	423	10 0
Sussex Archaeological Society. 1846.	The Castle, Lewes.	612	10 0
Swansea Scientific Society. 1876.	Royal Institution of South Wales, Swansea.	53	—
Tamworth Natural History, Geological, and Antiquarian Society. 1870	W. G. Davy, Elford, Tamworth.	141	—
Teign Naturalists' Field Club. 1858.	G. W. Ormerod, Woodway, Teignmouth, Devon.	120	—
Tyneside Naturalists' Field Club. 1846.	Museum of the Natural History Society, Newcastle-upon-Tyne.	600	5 0
Wakefield Naturalists' and Philosophical Society. 1871.	E. B. Wigglesworth, Thornes, Wakefield.	80	2 6
Warrington Literary and Philosophical Society. 1869.	J. R. Young, Sankey Street, Warrington.	160 (about)	—
Warwick and Warwickshire Natural History and Archaeological Society. 1836.	Museum, Warwick.	73	—
Warwickshire Naturalists' and Archaeologists' Field Club. 1854.	Rev. P. B. Brodie, Rowington Vicarage, Warwick.	84	2 6

Societies'—continued.

Annual Subscription	Title and Size of Publications	Frequency of Issue	Remarks
s. d. 10 0	<i>Annual Report</i> , 8vo. Map of the district . . . .	. . . . . 1878.	Library.
21 0	<i>Transactions</i> , 8vo. . . . .	. . . . .	Museum.
42 0	<i>Proceedings</i> , 8vo. . . . .	12 vols. issued . . . .	Incorporated 1881.
21 0	<i>Collections for a History of Staffordshire</i> , 8vo.	1 vol. annually.	
5 0 1 0	<i>Transactions</i> , 8vo. . . . .	3 vols. published . . . .	Museum and Library.
10 0	<i>Transactions</i> , 8vo. . . . .	2 pts. issued . . . . .	M.U.
10 0	<i>Proceedings</i> , 8vo.		
10 0	<i>Surrey Archaeological Collections</i> , 8vo.	1 pt. annually. 8 vols. published.	Museum (Croydon). Library (Danes Inn).
10 0	<i>Sussex Archaeological Collections</i> , 8vo.	33 vols. published.	
5 0	<i>Annual Report</i> , 8vo.		
5 0	<i>Proceedings</i> . . . . .	Only 1 vol. issued . . . .	M.U.
2 6	<i>Report of the Proceedings</i> , 8vo.	Annually.	
5 0	<i>Transactions</i> . . . . . <i>Proceedings</i> . . . . .	1846 to 1863, vols. i.-vi. Since 1863 . . . . .	Jointly with Nat. Hist. Soc. New- castle-on-Tyne.
10 6 4 0	<i>Annual Report, with Extracts from the Transactions</i> , 8vo.	. . . . .	Y.N.U. Museum and Library.
5 0	<i>Proceedings</i> . . . . .	Annually.	
21 0	<i>Annual Report</i> , 8vo. . . . .	. . . . .	Museum and Library.
5 0	<i>Proceedings</i> , 8vo. . . . .	Annually.	

## List of ' Local Scientific

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee
Waterford Literary and Scientific Association. 1876.	J. Dowling, Newtown Buildings, Waterford.	114	<i>s. d.</i> —
Wellington College Natural Science Society. 1868.	S. A. Saunder, Wellington College, Wokingham.	112	—
West Kent Natural History, Microscopical, and Photographic Society. 1859.	Post Office, Lee Bridge, Lewisham, London, S.E.	104	—
Whitby Literary and Philosophical Society. 1822.	Museum, Whitby . . . .	61	21 0
Wiltshire Archaeological and Natural History Society. 1853.	Museum, Devizes . . . .	368	10 6
Winchester College Natural History Society. 1871.	R. H. Fuller, Winchester College, Winchester.	25	0 6
Woolhope Naturalists' Field Club. 1851.	T. Lane, Broomy Hill, Hereford.	187	10 0
Worcestershire Naturalists' Field Club. 1853.	J. S. Haywood, 26 Broad Street, Worcester.	125	10 0
York School Natural History, Literary, and Polytechnic Society. 1833.	20 Bootham, York . . . .	150	—
Yorkshire Archaeological and Topographical Association. 1863.	G. W. Tomlinson, The Elms, Huddersfield.	533	—
Yorkshire Geological and Polytechnic Society. 1837.	James W. Davis, Chevinedge, Halifax.	220	—
Yorkshire Naturalists' Club. 1849.	C. Wakefield, Heslington House, York.	75	—
Yorkshire Naturalists' Union. 1861.	W. D. Roebuck, Sunny Bank, Leeds.	[300	—
Yorkshire Philosophical Society. 1823.	Museum, York . . . .	446	60 0

Societies'—continued.

Annual Subscription	Title and Size of Publications	Frequency of Issue	Remarks
s. d. 10 6	<i>Proceedings</i> , 8vo. . . . .	1 vol. issued, for 1880-1.	Museum.
4 6 3 0	<i>Annual Report</i> , 8vo.		
10 6	<i>President's Address, Papers and Reports</i> , 8vo.	1 vol. annually . . .	Library.
10 6	<i>Report</i> , 8vo. . . . .	Annually . . . . .	Museum.
10 6	<i>Wiltshire Archaeological and Natural History Magazine</i> , 8vo.	Half-yearly, 21 vols. issued.	Museum, Herbarium and Library.
6 0	<i>Report</i> , 8vo. . . . .	6 nos. published.	
10 0	<i>Transactions</i> , 8vo. <i>Herefordshire Pomona</i> , fol.		
5 0	<i>Flora of Worcestershire</i> , 8vo. <i>Reports of Excursions</i> .	1 vol.	
2 0	<i>Annual Report</i> , 8vo. . . . . Papers in ' <i>Natural History Journal</i> ,' 8vo.	Monthly, except January, July, and August.	Observatory.
10 6	<i>Yorkshire Archaeological and Topographical Journal</i> , 8vo., and miscellaneous publications.	2 pts. annually. Vols. i.-vii. and pt. 1, vol. viii. issued.	Library (Huddersfield).
13 0	<i>Proceedings</i> , 8vo. . . . .	1 no. annually.	
5 0	<i>Proceedings</i> . . . . .	Annually to 1874, irregularly since.	
5 0 &c.]	<i>Transactions</i> , 8vo. . . . . ' <i>The Naturalist</i> ,' 8vo. . . . .	1 pt. annually. Since 1876, 6 pts. Monthly, forming 1 vol. annually.	Re-organised 1876. 2,489 members of the 38 affiliated Societies. See Appendix.
40 0	<i>Annual Report</i> , 8vo. . . . . <i>Proceedings</i> , 8vo. . . . .	Occasionally.	Museum, Library, &c.



## APPENDIX.

THE CUMBERLAND ASSOCIATION FOR THE ADVANCEMENT OF LITERATURE AND SCIENCE, CONSISTS OF THE FOLLOWING SOCIETIES.

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee	Annual Subscription
Ambleside and District Literary and Scientific Society. 1878.	C. W. Smith, Fisherbeck, Ambleside.	136	—	s. d. 5 0
Brampton Literary and Scientific Society, and Field Naturalists' Club. 1881.	C. J. Rigg, Brampton, Carlisle.	65	—	2 6 1 0
Carlisle Scientific Society, and Field Naturalists' Club. 1877.	J. Sinclair, 6 Hawick Street, Carlisle.	206	—	5 0 2 6
Keswick Literary and Scientific Society. 1868.	T. E. Highton, Brigham, Keswick.	145	—	3 6 2 6
Longtown Literary and Scientific Society. 1874.	J. Wilson, Eskbank, Longtown, Cumberland.	58	—	2 6
Maryport Literary and Scientific Society. 1876.	J. Hewetson, Maryport	124	—	5 0 2 6
Penrith and District Literary and Scientific Society. 1881.	Rev. J. S. Ostle, Beaconside, Penrith.	120 (about)	—	5 0 2 6
Silloth and Holme Cultram Literary and Scientific Society. 1879.	H. L. Barker, Esk Street, Silloth, Cumberland.	70	—	2 6
Whitehaven Scientific Association. 1866.	W. H. Kitchin, Howgill Street, Whitehaven.	336	—	5 0 10 0
Windermere Literary and Scientific Society. 1882.	W. C. Macdougall, Windermere.	100	—	5 0 2 6
Workington Scientific and Literary Association. 1874.	W. Wilson, Brow Top, Workington.	100		

THE FOLLOWING SOCIETIES FORM THE MIDLAND UNION OF NATURAL HISTORY SOCIETIES.

\* Inserted with particulars in General List.

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee	Annual Subscription
*Bedfordshire Natural History Society and Field Club.			<i>s. d.</i>	<i>s. d.</i>
Birmingham High School Natural History Society. 1869.	King Edward's High School, New Street, Birmingham.	56	--	2 0
Birmingham Microscopists' and Naturalists' Union. 1880.	P. T. Deakin, 46 Princess Road, Edgbaston, Birmingham.	50 (about)	--	5 0
Birmingham and Midland Institute Scientific Society. 1872.	Midland Institute, Birmingham.	224	--	3 0
*Birmingham Natural History and Microscopical Society.				
*Birmingham Philosophical Society.				
*Burton-on-Trent Natural History and Archaeological Society.				
Caradoc Field Club. 1863.	R. H. Law, Copthorne House, Shrewsbury.	65	—	5 0
*Cheltenham Natural Science Society.				
*Dudley and Midland Geological and Scientific Society and Field Club.				
Evesham Field Naturalists' Club. 1873.	T. E. Dolg, 57 Bridge Street, Evesham.	35	—	2 6
*Leicester Literary and Philosophical Society.				
*Northamptonshire Natural History Society and Field Club.				
*Nottingham Naturalists' Society.				
Nottingham Working Men's Naturalists' Society. 1875.	'Sir Francis Burdett' Inn, Mount Street, Nottingham.	32	1 9	4 4
*Oswestry and Welshpool Naturalists' Field Club and Archaeological Society.				
Oxfordshire Natural History Society. 1879.	G. C. Druce, 118 High Street, Oxford.	50 (about)	—	5 0
Peterborough Natural History Scientific and Archaeological Society. 1872.	J. W. Bodger, 18 Cowgate, Peterborough.	118	—	5 0 10 6 21 0
*Severn Valley Naturalists' Field Club.				
*Stroud Natural History and Philosophical Society.				
*Tamworth Natural History, Geological, and Antiquarian Society.				

## THE YORKSHIRE NATURALISTS' UNION INCLUDES THE FOLLOWING SOCIETIES.

\* Inserted with particulars in General List.

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary	Number of Members	Entrance Fee	Annual Subscription
<b>*Barnsley Naturalists' Society.</b>			<i>s. d.</i>	<i>s. d.</i>
Beverley Field Naturalists' and Scientific Society. 1881.	J. D. Butterell, Willow Grove, Beverley.	80	—	5 0
Bradford Microscopical Society. 1882.	C. E. Waddington, 31 Darley Street, Bradford.	72	—	5 0 10 0
Bradford Naturalists' Society. 1875.	J. Eastwood, 22 White's Terrace, Bradford.	50	1 0	4 0
Bradford Scientific Association. 1873.	J. E. Wilson, 8 Summersent Place, Bradford.	36	—	4 0
Clayton-West Naturalists' Society. 1862.	W. Waite, Clayton-West, Huddersfield.	24	1 0	4 0
Dewsbury Naturalists' Society. 1879.	J. Summersgill, Moorlands, Dewsbury.	56	—	2 6
Doncaster Microscopical and General Scientific Society. 1880.	M. H. Stiles, 2 Frenchgate, Doncaster.	80	—	5 0
Driffeld Literary and Scientific Society. 1870.	C. Forbes Sharp, Driffeld, Yorkshire.	10	—	2 6
Elland-cum-Greetland Naturalists' Society. 1867.	A. Fielding, Woodfield House, Greetland, Halifax.	45	1 0	3 0
<b>*Goole Scientific Society.</b>				
Halifax Scientific Society. 1874.	C. L. Baker, Halifax.	162	—	1 0
Heckmondwike Naturalists' Society. 1861.	J. Norcliffe, Market Street, Heckmondwike, Normanton.	12	2 6	4 4
Holmfirth Naturalists' Society (Olive Branch Botanical Society). 1855.	J. Taylor, Hollowgate, Holmfirth, Huddersfield.	18	1 0	1 0
Honley Naturalists' Society. 1874.	A. Boothroyd, Brockholes, Huddersfield.	45	0 6	2 0
Huddersfield Literary and Scientific Society. 1857.	South Street, Huddersfield.	140	—	10 0
<b>*Huddersfield Naturalists' Society.</b>				
Hull Field Naturalists' Society. 1880.	W. Officer, 38 Louis Street, Hull.	34	—	4 0
Ilkley Scientific Club. 1882.	J. Brodie, Heath Royd, Ilkley.	60	—	2 6
<b>*Keighley Scientific and Literary Society.</b>				
Leeds Conchological Society (Conchological Society of Great Britain and Ireland). 1876.	T. W. Bell, 10 Reuben Place, Leeds.	28	—	5 0
Leeds Geological Association. 1874.	Yorkshire College, Cookridge Street, Leeds.	33	—	4 0

YORKSHIRE NATURALISTS' UNION—*continued.*

Full Title of Society and Date of Foundation	Head Quarters, or Name and Address of Secretary.	Number of Members	Entrance Fee		Annual Subscription	
			<i>s.</i>	<i>d.</i>	<i>s.</i>	<i>d.</i>
*Leeds Naturalists' Club and Scientific Association.			<i>s.</i>	<i>d.</i>	<i>s.</i>	<i>d.</i>
Liversedge Naturalists' Society. 1872.	J. Rothery, Millbridge, Liversedge, Normanton.	19	1	0	2	0
Malton Field Naturalists' and Scientific Society. 1880.	T. Lister, Vine Street, Norton, Malton.	80	—	—	5	0
Mirfield Naturalists' Society. 1874.	T. Cardwell, East Thorpe, Mirfield, Normanton.	16	1	0	3	0
Ovenden Naturalists' Society. 1870.	Hope Cottage, Shay Lane, Ovenden, Halifax.	30	1	0	3	0
Rastrick-cum-Brighouse Naturalists' Society. 1867.	J. Ellis, Rock Place, Manley Estate, Brighouse.	30	2	6	5	0
Ripon Naturalists' Club and Scientific Association. 1882.	Museum, Park Street, Ripon.	178	—	—	4	0 &c.
Ripponden Naturalists' Society. 1871.	W. C. Moores, Ripponden, Halifax.	15	1	0	4	0
Rotherham Naturalists' Society. 1880.	F. W. Dickinson, 26 Bridgegate, Rotherham.	63	—	—	10	6 5 0
Scarborough Scientific Society. 1879.	G. Massee, Oak House, Oak Road, Scarborough.	20	5	0	5	0
Selby Naturalists' Society. 1875.	W. N. Cheesman, The Crescent, Selby.	77	2	6	2	6
*Sheffield Naturalists' Club.						
Shipley Field Naturalists' Club. 1880.	W. Riley, Baildon Royd, Shipley.	18 (about)	—	—	2	0
*Wakefield Naturalists' and Philo- sophical Society.						
York and District Field Naturalists' Society. 1874.	W. Prest, 13 Holgate Road, York.	70 (about)	—	—	4	0
York—St. Thomas's Field Naturalists' Society. 1881.	S. Walker, 8 Neville Street, Haxby Road, York.	34	—	—	4	0