



MUSEUM
5 DEC 21
NATURAL
HISTORY

BURTON-ON-TRENT

Natural History & Archæological Society,

46, HIGH STREET.



V. 13

Annual Report, Balance Sheet &c., &c.,

FOR THE

YEAR ENDING SEPTEMBER 30TH., 1889.

BURTON-ON-TRENT:
JOHN C. PERFECT, PRINTER, STATION STREET.

1889.

Staffordshire County Studies
Sample



BURTON-ON-TRENT

Natural History & Archæological Society,

The following books are missing from the Library:

- Useful Plants *Johnson and Sowerby.*
- Geology and Mineralogy *Buckland.*
- Modern Meteorology *Ley.*
- Nests and Eggs—Vol. II. *Morris.*
- Circle of the Sciences—Vol. V. (Geology and Mineralogy) *Orr.*
- History of Tatenhill *Upton.*
- Old English Churches *Markland.*

MEMBERS HAVING ANY OF THE ABOVE, ARE REQUESTED TO RETURN THEM AT ONCE TO THE LIBRARIAN

FOR THE

YEAR ENDING SEPTEMBER 30TH., 1889.

BURTON-ON-TRENT:
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1889.

Officers of the Society,

1889-90.

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MR. JAMES G. WELLS.

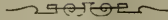
Committee:

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MR. F. E. LOTT.
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List of Sections & Sectional Officers.



ENTOMOLOGICAL.

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BOTANICAL AND MICROSCOPICAL.

Chairman: MR. J. T. HARRIS.

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GEOLOGICAL AND CHEMICAL.

Chairman: MR. HORACE T. BROWN, F.R.S., F.G.S.

Hon. Secretary:

PHOTOGRAPHIC.

Chairman: MR. C. O'SULLIVAN, F.R.S., F.I.C.

Hon. Secretary: MR. A. L. STERN, 16, Alexandra Road.

Members wishing to join either of the above Sections are requested to communicate with the respective Secretaries.

The appended Balance Sheet shows the receipts and expenditure.

BALANCE SHEET.

<i>Dr.</i>	£ s. d.	<i>Cr.</i>	£ s. d.
To 126 Season Tickets at 3/-	18 18 0	By Lecturers' Fees & Expenses	21 8 6
„ Receipts—1st Lecture.....	4 14 6	„ Hire of Hall	10 10 0
„ „ 2nd „	3 19 9	„ Printing—J. C. Perfect.....	7 12 3
„ „ 3rd „	9 9 3	„ Advertising—J. N. Tresise	4 1 9
„ „ 4th „	3 7 3	„ Advertising Board and Bill Posting	1 14 6
		„ Hall Keeper	0 10 0
		„ Stamps	0 12 9
Deficit	6 17 8	„ Sundries	0 16 8
	£47 6 5		£47 6 5

The loss on the series is thus £2 3s. 8d. more than that on the series given during the Winter, 1887-88.

The following table shows the receipts, and number of tickets sold, for each Lecture during the two seasons:—

	1887-88		1888-89.	
	<i>Receipts.</i>	<i>Tickets sold.</i>	<i>Receipts.</i>	<i>Tickets sold.</i>
	£ s. d.		£ s. d.	
Members' Tickets issued ..	.....	74	.....	103
Season Tickets sold	19 2 6	155	18 18 0	126
First Lecture	4 6 6	217	4 14 6	159
Second „	1 10 6	77	3 19 9	160
Third „	6 1 6	211	9 9 3	285
Fourth „	4 6 0	140	3 7 3	103
Totals	35 7 0	872	40 8 9	936
Single Tickets sold	6 4 6	645	21 10 9	707
Average of Four Lectures ...	4 1 1½	161.25	5 7 8¼	176.75
„ Three „ .....	.....	.....	4 0 4½	140.6

From this we see that if we except Max O'Rell's Lecture, which was of an exceptional character, and, indeed, hardly comes within the scope of the Society, both the receipts and average attendance have been less during the 1888-89 series than during the previous course.

Under these circumstances, the Committee feel compelled to abandon the Popular Lectures. The recent series is the fifth which has been promoted by the Society during the last few years, and the Committee therefore consider they have sufficient material before them on which to express the opinion that the Society should, in future, cease to attempt

REPORT OF THE GEOLOGICAL & CHEMICAL SECTION.

1888-9.

CHAIRMAN: HORACE T. BROWN, F.R.S., F.G.S., F.I.C.

Owing to various causes, this Section has nothing of any importance to chronicle for the past year, except the communication, by the Chairman, of the results of his exhaustive survey of the neighbourhood to the Geological Society in a Paper, entitled "THE PERMIAN ROCKS OF THE LEICESTERSHIRE COAL FIELD."

The Section has sustained a severe loss in the removal from Burton of its late energetic Secretary—Mr. T. Cuthbert Day.

G.H.M.

REPORT OF THE PHOTOGRAPHIC SECTION, 1888-89.

CHAIRMAN: C. O'SULLIVAN, F.R.S.

This Section was formed in February, and has since held several Evening Meetings as follows:—

Feb. 18th—Inaugural Meeting.

Mar. 6th—Paper by Mr. J. G. Wells on "Retouching and Finishing."

Apl. 10th—Paper by Mr. R. Churchill on "Makeshifts."

Sep. 20th—Discussion of the results of the Members' Summer Work.

A Sectional Excursion took place to Lichfield on June 1st, when a number of pictures of the Cathedral were obtained. The Members hope, from time to time, to give exhibitions of their work; and feel that if, in return, the Committee could see their way to giving grants for the purchase of Photographic Literature, &c., they would be amply rewarded.

A. L. STERN,

HON. SEC.



CALENDAR OF NATURE, 1888.

OBSERVERS: THE REV. C. F. THORNEWILL & MR. T. GIBBS, JUNR.

Feb.	4.—	Blackbird singing	...	...	...	T.G.
"	7.—	H. rupicaprarua taken	...	...	...	T.G.
Mar.	10.—	H. leucophaearia	...	...	...	T.G.
"	15.—	H. progemma seen.	...	...	...
"	24.—	T. stabilis em. from pupa.	...	...	...
"	28.—	P. pedaria (pilosaria)	...	...	...	T.G.
"	31.—	A. ræscularia	...	...	...	T.G.
Apl.	10.—	A. prodromaria em. from pupa.	...	...	...
"	10.—	T. instabilis taken.	...	...	...
"	13.—	T. gothica taken.	...	...	...
"	14.—	T. piniperda em. from pupa	...	...	...
"	15.—	Bee seen	...	...	...	T.G.
"	16.—	Swallows seen	...	...	...	T.G.
"	18.—	Swallows first seen.	...	...	...
"	28.—	Cuckoo heard	...	...	...	T.G.
"	30.—	Yellow Wagtail seen.	...	...	...
May	4.—	Sedge-warbler heard.	...	...	...
"	6.—	Cuckoo heard.	...	...	...
"	7.—	Corn-crake heard (Repton)	...	...	...
"	10.—	Ova of P. populi hatched.	...	...	...
"	12.—	T. punctulata em. from pupa	...	...	...
"	13.—	Eup. albipunctata em. from pupa.	...	...	...
"	14.—	Eup. indigata em. from pupa.	...	...	...
"	19.—	A. mendica em. from pupa.	...	...	...
"	19.—	P. brassicæ seen.	...	...	...
"	21.—	A. cardamines, T. biundularia, L.	...	...	...
"	21.—	L. hexapterata taken (Repton Shrubs.)	...	...	...
"	24.—	O. bidentata em. from pupa.	...	...	...
"	25.—	Reed-warbler singing at 11 p.m.	...	...	...
"	26.—	P. petraria taken (Parson's Brake.)	...	...	...	T.G.
"	28.—	L. marginata taken.	...	...	...
"	31.—	E. centaureata em. from pupa.	...	...	...
June	2.—	A.alni em. from pupa.	...	...	...
"	2.—	L. argiolus, T. biundularia, L. viretata, F. atomaria, M. subtristata taken (Sutton Park.)	...	...	...

<i>Number.</i>	<i>Title.</i>	<i>Author.</i>
49	British Mollusks	<i>Tate.</i>
50	The Bone Caves of Creswell Crags	<i>Mello & Dawkins.</i>
51	Old English Churches	<i>Markland.</i>
52	Moab's Patriarchial Stone	<i>King.</i>
53	A List of Diurnal Birds of Prey	<i>H. Gurney.</i>
54	History of British Butterflies	<i>Rev. F. O. Morris.</i>
35	Year Book of Scientific and Learned Societies (1887.)	
56	" " " "	(1888.)
57	" " " "	(1889.)
58	Report of the British Association—Birmingham, 1886.	
59	" " " Manchester, 1887.	
60	" " " Bath, 1888.	
61	Midland Naturalist, 1884.	
62	" " " 1885.	
63	" " " 1886.	
64	" " " 1887.	
65	" " " 1888.	
66	Reports of the Burton-on-Trent Natural History and Archæological Society, 1876—84.	
67	Transactions of the Burton-on-Trent Natural History and Archæological Society—Vol. I.	
68	Flora of Derbyshire	<i>Rev. W. H. Painter.</i>

PAMPHLETS AND REPORTS OF SOCIETIES.

Geography of Warwickshire	<i>Fretton.</i>
On Quartzite Pebbles	<i>W. J. Harrison.</i>
On the occurrence of Hæmatite Nodules in Leicestershire	<i>W. S. Gresley.</i>
Foundation Charter of Burton Abbey	<i>Duignon & Carter.</i>
Education and Culture	<i>Rev. A. Mackennal.</i>
The Atmosphere of the Birmingham Town Hall	<i>Dr. C. H. Morris.</i>
Recently discovered Insecta in Carboniferous and Silurian Rocks	<i>H. Goss.</i>
Prehistoric Factory of Flint Implements at Spiennes	<i>Rev. J. M. Mello.</i>
History of the Creswell Caves	"
Les Grottes de Creswell	"
Microscopical Structure of Rocks	"
Report on Prehistoric Inhabitants of Great Britain	"
The Lepidoptera of Burton-on-Trent and Neighbourhood, <i>Entomol. Section.</i>	
Scratchings by a Member of the Burton-on-Trent Natural History and Archæological Society, being Fragmentary Sketches of Objects of Local Interest—may be obtained of the Hon. Sec. Price 3d.	
Ordnance Map of Burton-on-Trent and District.	

TRANSACTIONS OF NATURAL HISTORY SOCIETIES:—

North Stafford Naturalists' Field Club and Archæological Society, 1877—1889.	
Birmingham Nat. Hist. and Microscopical Society, 1880—1883.	
" " " " Catalogue of Library, 1880.	
" " " " President's Address, 1880.	

