



Yorkshire Philosophical Society.

ANNUAL REPORT

FOR

MDCCCXXXVI.



A N N U A L R E P O R T

OF THE COUNCIL

OF THE

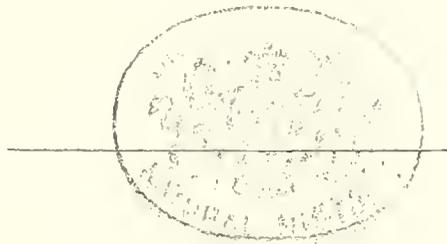
Yorkshire Philosophical Society

FOR

MDCCCXXXVI.

PRESENTED TO THE ANNUAL MEETING

FEBRUARY 7TH, 1837.



Y O R K :

THOMAS WILSON AND SONS, HIGH-OUSEGATE.

1837.

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FORM OF A
BEQUEST TO THE SOCIETY.

EVERY person desirous of bequeathing to the Society any sum of Money, Specimens, Books, Instruments, or other Property, is requested to make use of the following form :

I give and bequeath to the Trustees, for the time being, of the Society established at York, called "THE YORKSHIRE PHILOSOPHICAL SOCIETY," for the use of the said Society, the sum of _____ to be paid out of such part of my personal estate, as I may legally charge therewith. [Or here enumerate the effects or property intended to be bequeathed.] And I direct that the receipt of the Treasurer of the said Society, for the time being, shall be an effectual discharge to my Executors for the said legacy.

TRUSTEES
OF
THE YORKSHIRE MUSEUM,
APPOINTED BY THE ROYAL GRANT.

HIS GRACE THE ARCHBISHOP OF YORK.
EARL OF CARLISLE.
EARL FITZWILLIAM, F.R.S., F.S.A.
EARL DE GREY.
HON. AND VERY REV. THE DEAN OF LICHFIELD.
FRANCIS CHOLMELEY, ESQ. F.S.A.
ROBERT DENISON, ESQ.
REV. W. VERNON HARCOURT, F.R.S.
WILLIAM HATFEILD, ESQ. F.G.S.
WILLIAM LAWSON, ESQ.
EUSTACHIUS STRICKLAND, ESQ.
RICHARD JOHN THOMPSON, ESQ.

PATRONESSES

OF

The Yorkshire Philosophical Society.

HER ROYAL HIGHNESS THE DUCHESS OF KENT.
HER ROYAL HIGHNESS THE PRINCESS VICTORIA.

PATRONS.

HIS GRACE THE ARCHBISHOP OF YORK.
EARL OF CARLISLE.
EARL FITZWILLIAM, F.R.S.
EARL OF TYRCONNEL, F.R.S.
VISCOUNT MORPETH.
LORD STOURTON.
LORD WHARNCLIFFE.

OFFICERS OF THE SOCIETY.

PRESIDENT :

THE EARL FITZWILLIAM, F.R.S.

VICE-PRESIDENTS :

REV. WILLIAM VERNON HARCOURT, F.R.S.
WM. HATFIELD, F.G.S.
JAMES ATKINSON.
BALDWIN WAKE, M.D.
GEORGE LANE FOX.
HENRY PRESTON.
REV. S. CREYKE.
THOMAS BARSTOW.

T R E A S U R E R :

JONATHAN GRAY.

C O U N C I L :

Elected 1835 REV. ROBERT BRYAN COOKE, F.G.S.

CHARLES HENEAGE ELSLEY.

FRANCIS CHOLMELEY, F.S.A.

REV. CHARLES WELLBELOVED.

Elected 1836 JAMES BARBER.

H. S. BELCOMBE, M.D.

WILLIAM BLANSHARD.

REV. THOMAS EGERTON, F.G.S.

Elected 1837 EDWARD ELGIN.

REV. JOHN KENRICK.

EUSTACHIUS STRICKLAND.

JOHN WOLSTENHOLME.

S E C R E T A R I E S :

WILLIAM GRAY, JUN., F.G.S.

JOHN PHILLIPS, F.R.S., G.S.

C U R A T O R S :

REV. JOHN GRAHAM	...	...	GEOLOGY.
WILLIAM HATFEILD, F.G.S.	...	...	MINERALOGY.
JAMES ATKINSON	...	...	COMPARATIVE ANATOMY.
THOMAS ALLIS	...	}	ORNITHOLOGY.
REV. J. B. GRAHAM	...		
REV. I. J. D. PRESTON, F.C.P.S.	...	...	ENTOMOLOGY.
REV. W. HINCKS, F.L.S.	...	...	BOTANY.
REV. C. WELLBELOVED	...	...	ANTIQUITIES AND COINS.
HENRY ROBINSON	...	...	LIBRARY.

K E E P E R O F T H E M U S E U M :

JOHN PHILLIPS, F.R.S., G.S.

S U B - C U R A T O R :

HENRY BAINES.

R E P O R T
OF
T H E C O U N C I L.

IN the Report of the Proceedings of the Yorkshire Philosophical Society which is now offered for the consideration of the Annual Meeting, the Council is desirous of presenting such information on the state and prospects of the Institution, as may enable the Members clearly to comprehend the somewhat new circumstances under which it is placed, and decide on the measures best calculated to advance its progress and augment its usefulness.

In consequence of the recent purchase from the Crown of all that part of the Manor Shore lying between the Water-works and Marygate, and extending from the Museum Garden to the Ouse, the Society is now possessed of nine acres of land, once the property of St. Mary's Abbey, and including, besides the beautiful remains of the Church, the ancient gateway, hospitium, and granary, as well as the round tower against the river.

Thus amply established on the site of a noble monastery, which in other days dispensed the benefits of knowledge, the Society will always be reminded of the conditions on which it enjoys these advantages, and incited to follow out the objects for which it was founded, and to perform

its duty to the Crown and the Public, by earnest and disinterested efforts in the advancement of natural and antiquarian Science in Yorkshire.

To have added some portion of the newly acquired property to the already spacious grounds connected with the Museum, might have opened to the Members some monastic reliques and architectural combinations of great pictorial beauty; but was impracticable in the present condition of the Society's finances. The Council therefore appointed a Committee, by whose judgment they have been much guided in apportioning the ground among some of the old tenants, and various new claimants.

In this duty they were sedulous to accomplish the removal of unsightly walls and tenements, from the Abbey lodge and gateway, the city wall and granary of the Abbey; all modes of occupation which might be likely to injure the pleasing effects thus produced were rejected; and in dividing the land, care has been taken that if, at any future time, the Society shall resolve to augment its botanic garden, those parts likely to be most desirable shall be easily reclaimable at a short notice, and in a state of improved adaptation.

With a desire to aid as far as may be the course of improvements now happily begun in York, the Council entertained proposals from a Company for the erection of a public Swimming Bath, and allotted for their use an acre of ground, under certain necessary conditions, adjoining the Abbey wall and the river; but this negociation is yet incomplete.

The payment to the Crown for the five acres and a half of ground, and the buildings and other property upon

it, which was fixed at £.2,500, has been effected by the aid of a loan from the Yorkshire Fire and Life Insurance Office, to that extent, at 4 per cent :—in repairs, construction of roads, and legal expenses, a further charge of £.74 has been incurred, and some additional outlay will yet be required.

The rents already agreed for, with those which may reasonably be expected from some yet unappropriated parts, amount to about £.150; and, after the proper allowances for annual and incidental expenses, it is probable that a clear surplus income will remain of about £.40, which will speedily defray the above-named expenses and be afterwards available to the general funds of the Society.

But in executing this important trust the Council has not withdrawn its attention from the grounds which surround the Museum, and contribute to the popularity and utility of the Institution. A ruinous part of the city wall near the Roman tower has been substantially repaired; the boundary has been removed so as to enlarge the cultivable space of the garden; a greenhouse, purchased under favourable circumstances in consequence of a subscription begun among the Members, has been erected, and is already full of plants; a new fence has been constructed to give effect to a terrace walk under the city wall; and the reservoir for water has been reconstructed and enlarged. The ornamental effect of the garden has been further augmented by introducing many new plants. A larger sum of money has thus been disposed of, than the Council would have thought it right to expend, had not the improvements been deemed necessary, and the time for effecting them too favourable to be passed by. For the same reasons, repairs of the roof and interior of the building, which could no longer with safety be delayed, have been executed; some further expenses have been incurred in

adapting some of the furniture to new uses, and in preparing Zoological specimens, and some useful purchases have been made for the Museum.

As, however, the best index of the condition of the Institution is the favour of the public, the Members will learn with pleasure that by far the greatest additions made to the Library and Museums have been received as heretofore from voluntary contributions. Not to dwell on the numerous specimens furnished by Miss Gurney, Mr. Egerton, Mr. Hatfeild, Mr. Prestwich, Mr. Wm. Gray, Professor Phillips, and Mr. Harcourt, to the already large collections in the GEOLOGICAL Museum, the Council wishes to call especial attention to the noble monument of the ancient condition of the British Islands, the great extinct Elk of Ireland, presented by G. L. Fox, Esq. from his estate near Waterford. In this magnificent relique of other days the mind recognizes one of those characteristic forms of vanished beings, the study of which has given to the name of Cuvier an imperishable renown, and to the world at large subjects of inquiry and contemplation concerning the natural history of the earth, which must outlast this and many generations; and it may surely be pardoned to the Members of the Yorkshire Philosophical Society, if they feel an honest pride in being the first to place in an English Museum a skeleton of this gigantic animal.

Considerable additions have been made to the ZOOLOGICAL collections, especially to the departments of Ornithology and Entomology. One hundred and thirty-seven birds from Australia, collected by Capt. E. Markham; thirty birds from the Himalaya, the gift of Dr. Wake; besides some valuable species given by other friends of the Institution have enabled the officers to put the collection of foreign birds in a condition more equal to that of other departments of the Museum.

Some valuable epiphytic orchideæ have been given by Mr. S. Stutchbury, of the Bristol Institution, and a tree fern from Van Diemen's Land, by Mr. Backhouse. The contributions in Entomology, by Mr. Meynell and others will, the Council hopes, be soon rendered available in appropriate cabinets: for these, though absolutely required, have not yet been constructed; the cost of preparing several hundred birds, and other expenses connected with the Museum, having compelled the Council to postpone all further disbursements.

The LIBRARY has been chosen as the place to receive one of the most gratifying of all the donations which has ever been made to the Yorkshire Philosophical Society, the bust of its first President and constant benefactor—executed by the hands of Chantrey at the request of a very large proportion of the Members of the Society, who, in a public meeting, resolved by this beautiful work of art, fixed in the Yorkshire Museum, to perpetuate the memory of the services rendered to the Institution by the Rev. W. Vernon Harcourt. The volumes which Mr. Priestley has enriched by his laborious inquiries into the etymology of the obscure dialects of Craven are too closely connected with the ancient history of Yorkshire to be received with indifference; and the copy of Observations made at Paramatta, presented by the Royal Astronomical Society, though of a character far beyond the present power of our useful observatory, may yet, from the peculiar circumstances which gave them birth, encourage a hope that the taste now rising amongst us, for the cultivation of physical science, may in some future day be furnished with greater means of exertion.

The solar eclipse of May, 1836, was observed with care by one party of our Members at home, and by another who proceeded to view its annularity at Durham; some data have thus and by other means been collected for the determination

of the longitude of the Observatory, which is assumed from the position of York Minster, as given in the Trigonometrical Survey of Great Britain, to be nearly 4m. 19s. W. of Greenwich.

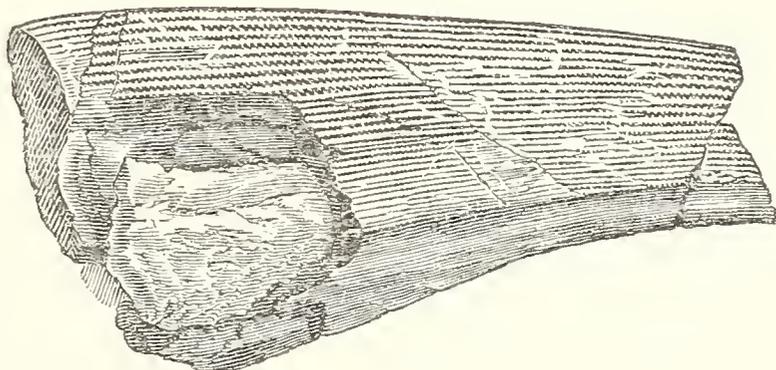
The Council has seen with satisfaction the completion of the Second Volume of the Illustrations of the Geology of Yorkshire, on which Professor Phillips has been so long employed; Mr. William Gray has collected the barometrical and trigonometrical measures of different observers relating to the elevation of ground in Yorkshire into a convenient synopsis; and it is hoped that the Sub-Curator of the Society may speedily be enabled to complete his proposed Guide to the Botanist in Yorkshire. Besides these distinct effects of the progress of natural science amongst us, the success which has attended the Evening Scientific Meetings, during the past year is a gratifying proof that the spirit of mutual improvement is more than ever active in our body, and by its unobtrusive operation preparing the way for a more extended communication of knowledge among the Members.

The Society is thus found to be in a good position in all that relates to its scientific reputation; the statement of the Treasurer, appended to this Report, will shew that but for the taking into the account, by direction of the last Annual Meeting, the deficiency of the subscription for the Observatory (£130.) the amount of the general debt would have been reduced £40.

The Council would however not fulfil the duty it owes to the Society, did it not declare that there yet remain some further expenses to be incurred in the Library for books of reference, and in the Museum for cabinets to hold Insects, Plants, Minerals, and Geological specimens, which can be ill met if

any considerable portion of the annual funds be reserved for the diminution of the debt. It must also be remembered that some of our cases are filled by specimens which are not, but ought to be, the property of the Society, and that a certain annual charge or a considerable present advance will be required for the purchase of them.

But these requirements have been foreseen, and contemplated without alarm, and encouraged by the assistance received this year from the President and Miss Currer—by the proceeds from the tickets of admission—by the advantageous purchase from the Crown,—and above all, by the consciousness that greater difficulties than these have been overcome when the Society was less prepared to meet them than now it is, the Council hopes that this Meeting will be of opinion that the affairs of the Yorkshire Philosophical Society, though demanding every proper attention to economy, should still be conducted with that liberal regard to the dignity of the Institution and the interests of natural science, which offers the greatest attraction to new Members, and lays the surest claim to the patronage of the community.



CTENACANTHUS TENUISTRATUS,

From the Mountain Limestone of Shropshire,

Presented by the Rev. T. Lewis.

RECEIPTS.

					£.	s.	d.
Received Annual Subscriptions from 220 Members at 2 <i>l.</i>	...			...	440	0	0
Ditto from 5 at 1 <i>l.</i>	...	...	...	...	5	0	0
Annual Donations	{	Sir Charles Ibbetson	...	5	5	0	} 7 5 0
	{	Mrs. Danby	...	2	0	0	
From Ladies, being Annual Subscribers	...		...	...	31	0	0
For Keys of Garden	...	...	...	...	10	15	0
For Gas consumed at Evening Meetings	...		...	...	1	10	0
For Tickets of Admission, deducting expense of Sale	...		...	...	56	3	0
Balance due to the Treasurer	...	...	...	...	65	17	10

£. 617 10 10

Arrears due to the Society on this account ... £. 58 0 0

P A Y M E N T S.

	£.	s.	d.	£.	s.	d.
Rent and Taxes :						
Rent to the Crown	1	0	8			
Rent to the Corporation	6	12	6			
Rates	15	11	0			
Water rent	4	4	0			
Insurance	5	0	0			
	<hr/>				31	18 2
Salaries and Wages :						
Keeper of the Museum	100	0	0			
Sub-curator	65	0	0			
Labour in Garden and Museum	40	0	0			
Lodge-keeper	10	0	0			
Collector and Messenger	1	11	6			
	<hr/>				216	11 6
Printing :						
Report for 1835, including wood engraving	17	0	6			
Miscellaneous	4	6	0			
	<hr/>				21	6 6
Stationery					1	15 4
Books and Binding :						
Books	41	13	6			
Binding	7	13	6			
	<hr/>				49	7 0
Garden and Grounds :						
Buckley, for wall, improvements of entrance, &c.	33	15	6			
Advanced towards greenhouse	20	0	0			
Miscellaneous	29	11	6			
	<hr/>				83	7 0
Repairs and Furniture					82	2 4
Carriage, postage, and incidents	8	11	8			
Gas and candles	7	7	2			
Coke and coal	19	12	0			
	<hr/>				35	10 10
Purchase and preparation of specimens					32	2 2
Interest on debt					63	10 0
	<hr/>				<hr/>	
					£.617	10 10
					<hr/>	

GENERAL ACCOUNT.

	£.	s.	d.		£.	s.	d.
Received Arrears of former years ...	44	0	0	By Balance due to the Treasurer, 1835 ...	1728	12	9
..... Admission of six members ...	18	0	0	By Balance due on the Observatory, 1835 ...	130	2	10
..... Donation from Miss Curren ...	25	0	0	By Balance due on Annual Account, 1836 ...	65	17	10
..... Ditto from Earl Fitzwilliam	21	0	0				
Balance due to the Treasurer 1816	1816	13	5				
	£.1924	13	5		£.1924	13	5
	£.1924	13	5		£.1924	13	5

	£.	s.	d.
Arrears on Annual Account ...	58	0	0
Arrears on General Account ...	110	0	0
	£.168	0	0
	£.168	0	0

PRESENT STATE OF ACCOUNT AS TO THE PURCHASE OF THE MANOR SHORE ESTATE.

	£.	s.	d.		£.	s.	d.
Borrowed on mortgage of the premises purchased at 4 per cent. ...	2500	0	0	Paid the Commissioners of the Woods and Forests for half a year's rent due Lady-day, 1836 ...	34	16	0
Received half a year's rents due to the Crown, Lady-day, 1836 ...	20	10	0	Paid them for purchase of the ground ...	2500	0	0
Received half a year's rents due to the Society, Michaelmas, 1836 ..	68	14	6	Paid them for the expenses of conveyance ...	30	0	0
Present deficit ...	69	7	0	Paid sundry expenses in dividing and inclosing the land, roads, &c. ...	43	15	6
	£.2658	11	6	Paid half a year's interest on the mortgage, due November 4th, 1836 ...	50	0	0
	£.2658	11	6		£.2658	11	6
	£.2658	11	6		£.2658	11	6

JONA. GRAY,
TREASURER.

SCIENTIFIC COMMUNICATIONS

TO THE

GENERAL MEETINGS.

MARCH, 1836.—Summaries of Meteorological Observations for the year 1835, at Brandsby, by F. Cholmeley, Esq. ; at Middleton, by the Rev. Mr. Blanchard ; at Moat Hall, by Dr. Wasse ; at Huggate, by the Rev. Mr. Rankin ; at York, by Mr. Ford.

OCTOBER.—Report of Proceedings at the Bristol Meeting of the British Association, by Mr. Newman and Professor Phillips.

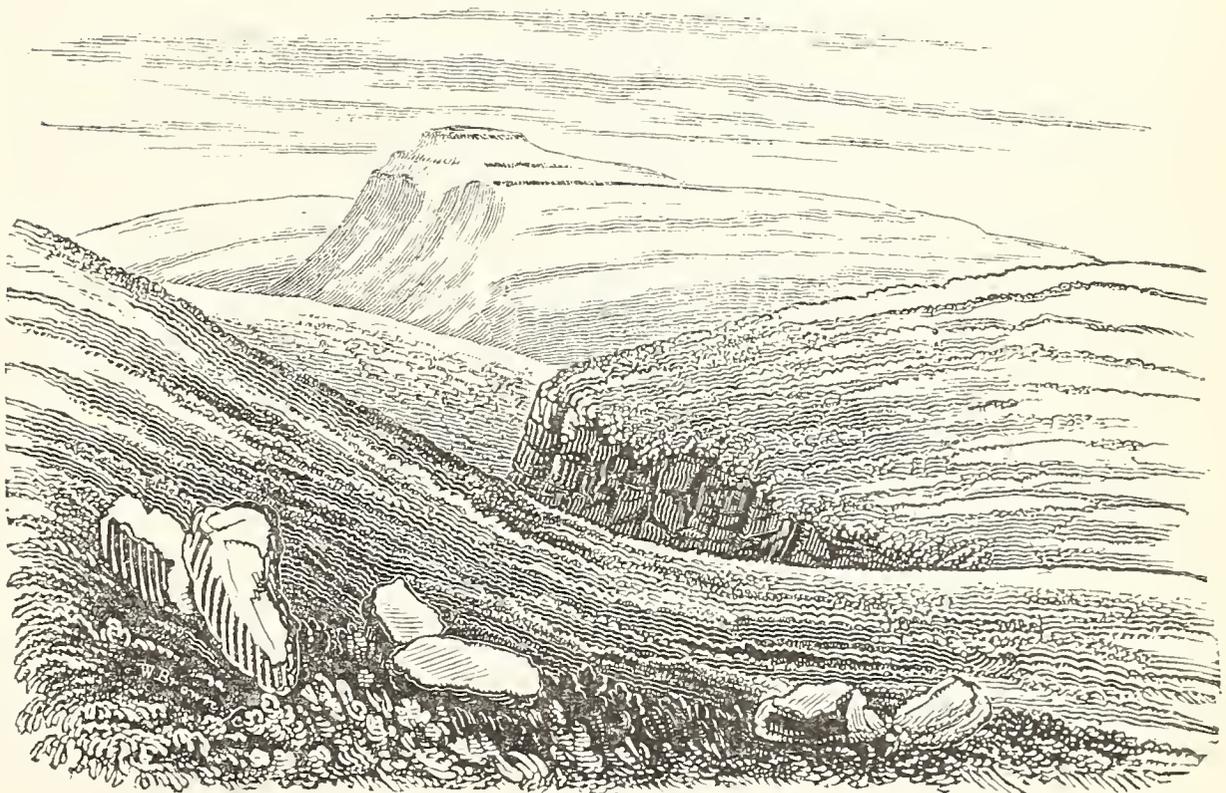
NOVEMBER.—Notices of the Irish Elk, presented to the Museum by G. L. Fox, Esq.

DECEMBER.—Notices of the lower Jaw of Palæotherium, from the Isle of Wight, &c. by the Rev. W. V. Harcourt, F.R.S.

Account of Mr. Biot's Views of the claim of Sir Isaac Newton to the Theory of Atmospheric Refraction, by W. L. Newman, F.R.A.S.

JANUARY, 1837.—Extracts from the Close Rolls relating to the City of York by Wm. Gray, jun. F.G.S.

A Method of ascertaining the Side of an Octagon to be inscribed in a circle of given radius, by W. D. Littledale, Esq.



Ingleborough, from the S. W.

Phillips's Geology of Yorkshire, Vol. II.

DONATIONS

TO

THE SOCIETY'S MUSEUM.

GEOLOGY.

- | | | |
|----------------------------|--------|---|
| Bristol Institution | ... | Fine cast of the head and anterior parts of ichthyosaurus. |
| Mr. J. F. Brown ... | ... | Specimens of marble, Italy ; horns of red deer and part of the head of an ox, from the River Foss, at High Roans. |
| Mr. F. J. Copsie ... | ... | Cidaris vagans, and another fossil like a medusa, from the Yorkshire Coast. |
| Messrs. Craven and Co. ... | ... | Mass of pyritized wood, from near Castlethorpe, Northamptonshire. |
| Rev. T. Dury ... | ... | Calamites from millstone grit, Keighley ; spirifera resupinata from the millstone grit series near Brimham. |
| Rev. T. Egerton, F.G.S. | | A series of fossils from the detached basin of lias in Cheshire. |
| G. L. Fox | ... .. | Bones of the Irish elk, from near Waterford. |

From this collection a very large skeleton has been mounted, complete except the hind legs and caudal vertebræ. In the size of the bones of the body and extremities, it agrees with the skeletons in the Royal Dublin Museum, and College

Museum, Edinburgh ; but its horns are longer, measuring 12 ft. 8 in. from tip to tip by the sweep. The vertebral column has been intentionally placed 6 inches lower than the Dublin specimen. The animal thus stands 6 feet over the shoulders, and its horns rise 10 feet from the floor. *There is among the specimens the head of a female without horns.*

- Wm. Gray, F.G.S. and Prof. Phillips Fossils from the Yorkshire coast, including new species of conchifera, hamites, &c. from Speeton ; plants, crustacea, &c. from the oolitic system.
- Wm. Gray, F.G.S. ... New fossils, from Brandsby ; hamites, &c. Speeton ; large shelly masses from the Kelloways rock, Scarborough.
- Miss A. Gurney ... Bones of elephant, deer, &c. from Happisburgh ; ostrea canaliculata, &c. from the chalk of Norfolk.
- Rev. W. V. Harcourt, F.G.S. Series of fossils from the fresh-water and other formations of the Isle of Wight, including a cast of the lower jaw, right side, of palæotherium, with six teeth in the side : large mass of bone supposed to be part of the pelvis of iguanodon, &c.
- W. Hatfeild, F.G.S. ... Series of fossils from the mountain limestone of the Isle of Man, including ammonites sphaericus ; marsupites, spongia, &c. from Bridlington.
- Rev. T. Lewis, F.G.S. ... Mass of fish bones, &c. from the Ludlow formation (Silurian system).
- Prof. Phillips, F.R.S., G.S. Remains of fishes, from Burdie House ; of the skin and bones of a reptile ? from the limestone of Ardwick, near Manchester ; neuropteris cordata, from Lebotwood ; halonia, from South Shields ; cast of caulopteris Phillipsii from Camerton ; fossils from the mountain limestone of Ireland, Yorkshire, &c.

- J. Prestwich, F.G.S. ... A large series of fossil shells and plants from the limestone and coal measures of Coalbrookdale, with an explanatory section and notices.
- Leonard Simpson, Esq. ... Shells from the London clay, cut through on the Birmingham railway.
- Dr. Wake A bivalve shell, from the Himalaya.
- Mr. J. Yeoman Fore and hind paddles of ichthyosaurus.

MINERALOGY.

- Mr. J. F. Brown Mass of crystallized quartz.
- Rev. J. Dunnington Pyrites and calc spar from a 'fault' in coal measures near Barnsley.
- Rev. W. Hincks, F.L.S. ... Quartz from Trenton Falls, U. S.
- Mr. W. Trueman Crystallized sulphate of lime from a colliery in Durham.

ZOOLOGY.

- T. Allis Three species of columbadæ ; eighty fishes from the Mediterranean (in spirits).
- Wm. Hatfeild, F.G.S. ... Heron, gull, eared grebe, siskin. Achatina zebra.
- Rev. W. Hincks, F.L.S. ... Terebra vittata and t. lineolata.
- Miss Jane Hird Phaeton æthereus, *m.* and *f.*

- Capt. E. Markham ... 137 Australian birds, including the lyre tail, *m.* and *f.* (*menura*); rifle bird (*promerops superbus*) *m.* and *f.*; *Columba magnifica*, *c. dilophus*, phaeton, psittacidæ, &c.
- T. Meynell, Esq. jun. ... A collection of foreign insects of the order lepidoptera.
- Rev. F. O. Morris, F.L.S. A collection of British insects.
- Miss Phillips Fungia lima and fungia pileus.
- E. Strickland, Esq. ... Faithful jacana; bustard.
- Mr. John Taylor Specimen of cerambyx in wood, from Africa.
- B. Wake, M.D. ... 29 Birds from the Himalaya, including myophonous horsfieldii; bucco grandis; garrulus bispecularis, *g. lanceolatus*; pica erythrorhynchus, &c.
Flying squirrel.

B O T A N Y.

- T. Backhouse Stem of tree fern (*cybodium Billaudierii*).
- S. Stutchbury, A.L.S. ... A series of epiphytic orchidæ.

ANTIQUITIES AND COINS.

- Rev. C. Wellbeloved ... Stand for the Abbey Mortar, carved after a knot in the ceiling of York Minster, of the same date as the mortar, from minster oak.
- Mrs. Reeve Medal, struck at Geneva, 1835, to commemorate the centenary of the Reformation.

DONATIONS TO THE LIBRARY.

- | | | |
|---|-----|---|
| Society of Arts | ... | Transactions, Vol. L. Part 2. |
| Royal Astronomical Society | | Astronomical Observations made at Paramatta, fol. |
| F. Baily, F.R.S. | .. | On the Aberdeen Standard Scale. |
| British Association for the Advancement of Science | | Fifth Report of Transactions. |
| E. Charlesworth, F.G.S. | | Print of fossil chelonia from Harwich. |
| P. Duncan, F.L.S. | ... | Catalogue of the Ashmolean Museum. |
| Mr. G. Edwards | ... | Pamphlet relating to the State of the British Museum. |
| Geological Society | ... | Proceedings, 1835. |
| Natural History Society of Manchester | | Catalogue of British Birds in the collection of the Society. |
| Mechanics' Institute, Manchester | | Report for 1835. |
| Statistical Society of Manchester | | Report of Results of Inquiries on Education. |
| Nat. Hist. Soc. of Shropshire and North Wales | | First Report of Proceedings. |
| Wm. Priestley, Esq. | ... | The Craven Glossary, published by the Rev. W. Carr, interleaved with MS. Notes, containing the Etymology of the words, by Mr. Priestley. |
| Hull Lit. and Phil. Soc. ;
Leeds Lit. and Phil. Soc. ;
Scarbro' Lit. and Phil. Soc. ;
Whitby Lit. and Phil. Soc. | } | Reports of Proceedings for 1835. |
| John Wood, Esq. | ... | Large Maps of the Stars, published by the Society for the diffusion of Useful Knowledge, with an Explanatory Volume. |
| Purchased with the donation of Her Royal Highness the Duchess of Kent | | Agassiz, Recherches sur les poissons fossiles (in continuation) ; Goldfuss, Die petrefacten Europas (in continuation) ; Yarrell's British Fishes. |

M E M B E R S

ELECTED FROM JANUARY, 1836, TO JANUARY, 1837.

Fenton, William, *Fulford, York.*

Fox, George Lane, *Bramham Park, Wetherby.*

Harper, John, *York.*

Honor, Edward, *Fulford Grange, York.*

Kemplay, Christopher, *York.*

Leadbitter, John, *York.*

Lowther, John Henry, M.P. *Swillington, Ferrybridge.*

Munby, Joseph, *York.*

Wilkinson, Bartholomew Thomas, *York.*

Woodall, George, *York.*

HONORARY MEMBER.

Stutchbury, Samuel, F.L.S., &c. *Curator of the Bristol
Museum.*

(Thomas Wilson and Sons, High-Ousegate, York.)

Presented
13 MAR 1888

