

REPORTS  
OF THE  
COUNCIL AND AUDITORS  
OF THE  
**ZOOLOGICAL SOCIETY**  
OF LONDON,

READ AT THE ANNUAL GENERAL MEETING,

*APRIL 29, 1846.*

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LONDON:  
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1846.

## REPORT OF THE COUNCIL.

The Council beg to present to the Fellows the following Report of the proceedings of the Zoological Society of London since the last Annual General Meeting.

### GENERAL ESTABLISHMENT.

#### MEMBERS.—*a. Fellows.*

The number of Fellows and Fellows Elect at the present moment amounts to 1986, of which the following is a summary:—

Have Compounded, paying £20	. . .	337
Ditto ditto £30	. . .	132
Pay annually	. . . £2	759
Ditto	. . . £3	615
Are dormant	. . . . .	130
Admission Fees unpaid	. . . . .	13
		1986

Of this number, 19 have been elected since the last Anniversary, and 9 re-admitted under the provision of the Bye-Laws, Chap. I. sect. 9. The number of resignations during the same period has been 43, deaths 37; and the removals ordered by the Council in conformity with the Laws of the Society amount to 71.

The number of Candidates for the Fellowship is 5.

*b. Honorary and Foreign Members.*

The number of Honorary and Foreign Members remains as at the last Anniversary.

*c. Corresponding Members.*

The number of Corresponding Members at present amounts to 142.

FINANCES.—*a. Income and Expenditure.*

The total Income of the Society during the past year has amounted to the sum of £8831 8s. 5d., being an increase of £172 15s. 10d. on the income of the preceding year, whilst the total Expenditure, as compared with the same period, exhibits a diminution of £1709 14s. 4d., making together an improvement to the amount of £1882 10s. 2d. in the financial condition of the Society. Under the head of Admissions to the Gardens there has been a gradual increase of receipts for the last two years, and this too notwithstanding the very unfavourable character of the last season, especially during the Promenades and Poultry Exhibition, when the weather was unusually stormy and unsettled. This cause no doubt seriously affected the success of the experiment; yet, in spite of adverse circumstances, the number of Visitors at the Promenades exceeded 5000, and the money received £360,—a result which the Council consider as so far satisfactory, and which warrants them in anticipating a larger return and increased popularity during the present and future seasons. Already the receipts at the Gate amount to an excess of £188 18s. above those of the corresponding period of last year.

*b. Assets and Liabilities.*

The available Assets of the Society remain as at the last Anniversary, and the Liabilities have been reduced by the sum of £577.

The Liabilities at present outstanding do not exceed £1800, a sum much smaller than at the corresponding period for years past.

## II. SCIENTIFIC ESTABLISHMENT.

### *Museum.*

Since the last Anniversary a vacancy has occurred in the Museum Establishment by the resignation of Mr. Fraser, the late Curator; the conservation of the Collection is at present attended to by the two subordinate officers employed in that department, with occasional assistance: should the increase of accommodation, the necessity of naming or arranging new specimens, or the exigences of those now exhibited, seem to require it, the Council will not fail to provide the services of a superior officer.

### *Donations to the Museum.*

- Two Skins of the Silky Monkey (*Midas Rosalia*, Geoff.), presented by Her Majesty.
- The Body of an Ocelot, presented by David Dyson, Esq.
- A Collection of Bird-Skins, containing thirty-nine Specimens, from Australia, presented by Jeremiah Olive, Esq.
- The Head of a Solent Goose, two young Tortoises, two Specimens of *Lacerta Salamandri*, one ditto variety, a Snake, and four Bottles containing Specimens of Reptiles, Fish and Mollusca from Oporto, presented by Joseph James Forrester, Esq., Corr. Member.
- Specimens of a Bat (*Pteropus stramineus*), new to the Collection, and a Porcupine Fish (*Diodon Hystrix*, Shaw), presented by the Countess of Haddington.
- A Collection of Stuffed Birds of Trinidad arranged in two Glazed Cases; also seven Skins and seven Nests of Birds of Jamaica, presented by James Hill, Esq., Corr. Member.
- The Skin and Skull of a Wild Cat from Tripoli, presented by Dr. Dalzell Dickson, Corr. Member.
- Specimens of the *Vegeto Animal*, from New Zealand, presented by the Managers of the Royal Institution.
- Five Bird-Skins from Australia, presented by William Davidson, Esq.
- The Skin of a Boa Constrictor, presented by Master James Pontet.

A Specimen of *Zeus conchifer*, Lowe; also, one of the *Lichia Vadigo*, Cuv. et Val.; and a unique Specimen of a new genus of Lophidæ, *Chaunax pictus*, Lowe, all from Madeira; presented by the Rev. R. T. Lowe, Corresp. Member at that place.

#### LIBRARY.

The principal donations to the Library since the last Anniversary have been received from the following distinguished Societies, viz. :—

Transactions of the Royal Society, the Royal Academy of Sciences of Paris, the Museum of Natural History of Paris, the Royal Academy of Sciences of Turin, the Royal Academy of Sciences of Stockholm, the Imperial Academy of Naturalists of Breslau, the Royal Irish Academy, the Entomological Society of London, the Royal Society of Göttingen, the Royal Academy of Sciences of Lyons, and the Institute Royale des Pays Bas. Also Transactions and Proceedings of the Linnean Society of London, the Royal Academy of Sciences of Berlin, and the Royal Society of Edinburgh.

Proceedings, Mémoires, Bulletins, Journals, Annals and Reports have also been presented by the following learned bodies :—

The Royal Agricultural Society of England, the British Association for the Advancement of Science, the Geological Society of London, the Royal Asiatic Society of Great Britain, the Royal Geographical Society of London, the American Philosophical Society, the Franklin Institute of Philadelphia, the National Institute for the Promotion of Science established at Washington, the Royal Academy of Sciences of Brussels, the Imperial Academy of Sciences of St. Petersburg, the Royal Asiatic Society of Great Britain, the Boston Natural History Society, and the Physical and Natural History Society of Geneva.

Donations have also been received from the Prince of Musignano, Foreign Member, Dr. Andrew Smith, Corr. Member, H. E. Strickland, Esq., William Yarrell, Esq., Jacob Bell, Esq., Lovell Reeve, Esq., Professors Vrolik, Agassiz and Pictet, John Hogg, Esq., P. Kernan, Esq., &c.

### III. GARDEN ESTABLISHMENT.

#### 1. WORKS AND REPAIRS.

No new work of any consequence has been undertaken at the Gardens since the last Anniversary, with the exception of the reconstruction of the Clock Tower; but the general repair of existing buildings has been proceeded with uninterruptedly, and the Council are happy to say that this department, which has always been a source of heavy expense to the Society, is at the present moment in a more satisfactory state than it has been for many years past. With the intention of reducing this item of Expenditure as much as possible, and at the same time providing for a prompt and efficient execution of repairs on a uniform system and under the responsible superintendence of the same officer, the Council were induced to adopt a suggestion of the Receipt and Expenditure Committee, by which the whole of the repairs of every kind have been since executed by Mr. Sanders under the immediate direction and superintendence of Mr. Bellamy, the Society's architect. The plan adopted, at first only by way of experiment, has fully answered the expectations of the Council, who hope that it will prove as economical as it is efficient. The drainage of the Gardens, which had become impaired in many cases, has been partly opened and relaid during the past season.

#### 2. MENAGERIE.

The addition of greatest importance made to this department during the past year was the female Chimpanzee 'Susan,' supposed to be nearly adult, and whose death from fever, brought on by decay of the molar teeth, happened some months ago. This, and the death of the Polar Bear from violent inflammation and enlargement of the tongue, are the casualties of greatest consequence which have occurred at the Gardens since the last Anniversary. Indeed the Menagerie has never been in a more healthy state since the establishment of the Society than during the past season. The daily returns of the sick list frequently exhibited a total blank, and the absence of important losses,

with the two exceptions already mentioned, will be as gratifying to the Society at large as they have been to the Council. Experience of the two past winters warrants the Council in believing the most desirable amelioration in the sanitary condition of the Menagerie is to be attributed in a great measure to the discontinuance of the artificial means provided for heating the various apartments. The apparatus has not been used during any part of the winter either in the Giraffe or Monkey House. The only heat made use of was that from a common open fire; and under this system both phthisis and catarrh, the former fatal pestilences of the Monkey House, have almost entirely disappeared from this interesting portion of the Collection. The health of the Carnivora in the new Terrace continues to give the utmost satisfaction to the Council.

*Donations to the Menagerie.*

The principal Donations to the Menagerie during the past year were as follows:—

- A Tigress and a King Vulture, presented by Her Majesty.
- Three Ostriches and two Fezzan Sheep, presented by Colonel Warrington, Her Majesty's Consul at Tripoli, Corr. Member.
- A Kinkajou, presented by Sir Roderick I. Murchison.
- A Wanderoo Monkey, presented by Lieut. Frere, 13th Lt. Infantry.
- A Macaque Monkey, presented by Edward Oliver, Esq.
- A Brown Capuchin Monkey, presented by Mrs. Smith.
- A Bonneted Monkey, presented by — Wichelo, Esq.
- A Vervet Monkey, presented by Frederick Pelton, Esq.
- A Rhesus Monkey, presented by Mrs. Powell.
- A Moustache Monkey, presented by N. M. Huskisson, Esq.
- A Malbrouck Monkey, presented by St. George Mivart, Esq.
- A Rhesus Monkey, presented by Miss Pownall.
- A Rhesus Monkey, presented by — Allen, Esq.
- A Wolf from the Falkland Islands, presented by William Brown, Esq.
- An Ocelot; three Black-crested Curassows; a Golden Agouti; two Black and Yellow Maccaws; two Red and

- Yellow ditto; and two Snakes, presented by Edward Schenley, Esq.
- A Roebuck, presented by Samuel Rogers, Esq.
- A Brown Coati Mundi, presented by F. Spittal, Esq.
- Two Silver Foxes, presented by Capt. Dickson.
- A Kangaroo Rat, presented by G. H. Blackburne, Esq.
- An Ocelot, presented by Thomas Phillipps, Esq.
- Two Goats from Africa, presented by Thomas Fremlin, Esq.
- A Purple-crested Heron, presented by Capt. Howard.
- Two Canada Geese, presented by J. S. Bowerbank, Esq.
- Two Barnacle Geese, a Merlin, and an Orange-legged Hobby Falcon, presented by Lord Saye and Sele.
- Three Collared Turtle Doves, presented by — Hunt, Esq.
- A Ring-necked Parrakeet, presented by John Aldridge, Esq.
- Two Muscovy Ducks, presented by Richard Sanders, Esq.
- Two Japan Pea Fowls, presented by the late Sir John Sebright, Bart.
- A Black Swan, presented by John E. Bicheno, Esq.
- Three Silk Fowls, presented by Josiah Jessop, Esq.
- A Red and Yellow Maccaw, presented by D. Dewar, Esq.
- A Cinereous Sea Eagle, presented by S. Brandram, Esq.
- A Virginian Eagle Owl, presented by Rev. J. Thackeray.
- A Guan, presented by J. P. Dickenson, Esq.
- An Otter, presented by Rev. P. Brunwin.
- An Alligator, presented by Miss Livet.
- A King's Ground Parrakeet, presented by Mrs. Mackenzie.
- An American Red Fox, presented by Capt. Livesay.
- A Great-eared Owl, presented by Joseph James Forrester, Esq., Corr. Memb.
- An Amazonian Parrot, a Rhesus Monkey, a cross-bred Muscovy Duck, and a Common Fox, presented by T. P. Halsey, Esq.
- A Silesian Marten, presented by Baron Rehausen.
- A Raccoon, presented by Capt. Dupuis, Royal Artillery.
- A Brown Coati Mundi, presented by Capt. Norton.
- A Macaque Monkey, presented by — Ewart, Esq.
- A Rose-crested Cockatoo, presented by Mrs. Duncan Macbean.
- A Rose-crested Cockatoo, presented by William McMullen, Esq.
- Three Penguin Ducks, presented by J. J. Nolan, Esq.



Donations have also been received from Mrs. Appleyard, P. Matthews, Esq., Lady Barrow, P. L. Hinds, Esq., J. S. Elliott, Esq., John Hoffmann, Esq., George Champion, Esq., A. Price, Esq., &c. &c.

*Animals exhibited for the first time in the Menagerie.*

Wolf from the Falkland Islands (*Canis Antarcticus*).

Roller (*Coracias garrulus*, Linn.).

Rock Thrush (*Petrocincla saxatilis*, Vig.).

VISITORS.

The number of Visitors to the Gardens in 1845 was 99,615 ; of this 24,048 were privileged, and 75,567 unprivileged. The money received for admission was £3778 7s.

The number of Visitors to the Promenades was 5293, of which 3131 were privileged, and 2162 unprivileged. The money received for the sale of Tickets was £367 5s. 6d. The total number of Visitors throughout the year was 104,908, making an increase of 3381 as compared with the previous year.

*Committees of Audit, Finance, and Publication.*

The Council have again the pleasing duty of returning their warmest thanks to those Fellows who compose the Committees of Finance, Audit and Publication, and to record their deep sense of the ability which they have displayed during the past year in discharging the important duties of their respective departments.

REPORT  
OF THE  
AUDITORS OF THE ACCOUNTS,  
*Appointed February 5, 1846.*

THE Committee of Auditors having carefully examined the Accounts of the Society for the Year ending December 31, 1845, and having inspected all the Books and seen Vouchers for all the Payments,—now beg to lay before the Society the following Abstract of such Accounts, together with a Statement of the Assets and Liabilities of the Society, and a Report thereon.

## RECEIPTS.

					£.	s.	d.
Balance of Cash brought from 1844 .....					997	6	0
INCOME.							
Prior to 1843. Annual Subscriptions.....					24	3	0
1843	{ Annual Subscriptions .....	12	0	0			
	{ Ivory Tickets .....	2	2	0			
	{ Transactions .....	0	11	6			
					14	13	6
1844	{ Admission Fees .....	10	0	0			
	{ Annual Subscriptions .....	136	0	0			
	{ Ivory Tickets .....	5	5	0			
	{ Transactions .....	5	0	6			
	{ Farm Rent .....	30	0	0			
	{ Garden Sales .....	3	5	0			
					189	10	6
1845	{ Admission Fees .....	65	0	0			
	{ Compositions .....	168	0	0			
	{ Annual Subscriptions .....	3293	6	0			
	{ Ivory Tickets .....	105	19	0			
	{ Dividends on Bank Annuities, &c. ....	269	12	6			
	{ Transactions .....	51	3	11			
	{ Proceedings .....	19	16	0			
	{ Admissions to Gardens .....	3778	7	0			
	{ Ditto Promenades.....	367	5	6			
	{ Garden Guides .....	23	3	0			
	{ Garden Sales .....	118	2	0			
	{ Museum Catalogues .....	5	4	6			
	{ Garden Rent .....	300	0	0			
{ Miscellaneous .....	6	0	0				
{ Farm Rent .....	25	0	0				
					8595	19	5
1846	{ Annual Subscriptions anticipated .....	5	0	0			
	{ Ivory Tickets ditto .....	2	2	0			
					7	2	0
INCOME IN 1845 .....					£8831	8	5
					8831	8	5
					£9828	14	5

PAYMENTS.

EXPENDITURE.		Farm.	Gardens.	Museum.	General Estabt.	Total.
		£. s. d.	£. s. d.	£. s. d.	£. s. d.	£. s. d.
1844	Rent, &c. ....	33 2 0	392 8 5	.....	71 16 7	497 7 0
	Bills .....	.....	668 14 4	145 19 5	323 12 8	1138 6 5
		33 2 0	1061 2 9	145 19 5	395 9 3	1635 13 5
Rent, Rates, and Taxes ...		29 2 6	445 2 9	.....	174 3 10	
Salaries and Wages.....		.....	1290 5 6	288 16 0	492 17 2	
Keepers' Dresses.....		.....	53 1 11			
Keepers' Travelling Expenses .....		.....	0 18 0			
Cost of Animals .....		.....	472 4 6			
Carriage of Animals .....		.....	50 15 11			
Provisions .....		.....	2070 0 3			
Menagerie Expenses .....		.....	447 6 1			
Garden Expenses .....		.....	521 16 0			
Promenade Expenses .....		.....	213 11 11			
Poultry Exhibition ditto...		.....	187 12 7			
Works, &c. ....		.....	532 19 4	4 6 0		
House and Office Expenses.....		.....	47 19 11	2 4 8	138 10 10	
Stationery and Printing ...		.....	3 2 0	0 13 0	27 4 3	
Cost of Preparations .....		.....	.....	80 11 9		
Carriage of Subjects .....		.....	.....	2 18 7		
Museum Removal, &c. ...		.....	.....	4 4 0		
Library .....		.....	.....	22 17 7		
Transactions .....		.....	.....	.....	29 2 10	
Returned Subscriptions ...		.....	.....	.....	20 1 0	
aid on account of the current year .....		29 2 6	6336 16 8	406 11 7	881 19 11	7654 10 8
EXPENDITURE IN 1845.....		62 4 6	7397 19 5	552 11 0	1277 9 2	9290 4 1
Cash at the Banker's, December 31, 1845.....						538 10 4
						£ 9828 14 5

s. d.  
6 0

belonging to year

1844

1845

8 5

14 5

The Assets and Liabilities of the Society on the 31st of December, 1845, were as follow:—

ASSETS.															
	Living and Preserved Collections.	Arrears of						Capital Funded,			Cash.				
		Previous Years.			Current Year.										
		£.	s.	d.	£.	s.	d.	£.	s.	d.	£.	s.	d.		
Cash at Banker's...													538	10	4
£3285 4s. 5d. } Consolidated 3 per Cents..... }										2367	0	8			
£5972 5s. 11d. } Reduced 3 per Cents..... }										5304	3	11			
Annual Subscrip- tions..... }		218	0	0	394	0	0								
Transactions .....		2	16	0	11	19	0								
Farm Rent .....					30	0	0								
Garden Stock sold, unpaid for..... }		12	18	0	6	10	0								
Uncertain.		233	14	0	442	9	0	7671	4	7	538	10	4		

  

LIABILITIES.															
						Debts.									
						£. s. d.			£. s. d.						
Bills, &c. unpaid, estimated at—															
Say, for the Gardens .....						1261	4	3							
— Museum .....						136	7	6							
— General Establishment .....						180	11	7				1578	3	4	
Rent, &c. unpaid, say—															
For the Farm.....						30	0	0							
— Gardens .....						137	3	7							
— General Establishment .....						52	10	0				219	13	7	
												£1797	16	11	

## INCOME.

The Auditors, in making their Report to the Society, have to regret a diminution in the "Annual Subscriptions" of £192 10s.; in the "Ivory Tickets" also a decrease of £29 9s.; and in the sale of the Society's "Transactions" of £51 6s. 2d.; making, with other items, a total decrease of £358 7s. 8d. They have however great satisfaction in being able to announce, that these deficiencies are more than counter-balanced by an increase of £443 3s. 6d., arising principally from £240 10s. 6d. increased "Admissions to the Gardens," including Promenades, and £50 additional Rent of Refreshment Room. There is also an increase of £88 on the Compositions.

## EXPENDITURE.

The Auditors have much satisfaction in reporting to the Society a decrease in the Extraordinary Expenditure of £1618 10s. 2d., as compared with the average of the three years preceding; and also a decrease in the Ordinary Expenditure of £96 2s. 2d., as compared with the previous year.

## LIABILITIES.

The Liabilities of the Society are estimated at £1798, being a decrease of £577, as compared with those of last year; against this there is a Balance of Cash in the Banker's hands, amounting to £538 10s. 4d.

## ASSETS.

The Assets of the Society are as follow:—

	£	s.	d.
Cash at the Banker's . . . . .	538	10	4
Three per Cents . . . . .	7671	4	7
	<hr/>		
	£8209	14	11

The Committee of Auditors cannot close their Report without noticing the great zeal and ability of the Accountant, Mr. Leigh, to whose unremitting attention and clear statement of Accounts they are much indebted for all their accurate information.

GEORGE PITT.

JOHN MARSTON.

JAMES TALBOT.

WILLIAM DURRANT COOPER.

GEORGE H. PINCKARD.

EDWARD PRIOR.

EDWARD JOHNSTONE.

11 *Hanover Square*, February 14, 1846.