





REPORT  
OF THE  
COUNCIL  
OF THE  
ZOOLOGICAL SOCIETY  
OF LONDON,  
FOR THE YEAR 1894.

READ AT THE ANNUAL GENERAL MEETING,

APRIL 29<sup>TH</sup>, 1895.

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1895.

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## REPORT OF THE COUNCIL.

*April 29, 1895.*

THE Council have the pleasure of submitting to the Fellows their sixty-sixth Annual Report upon the progress of the Society.

This, in accordance with previous Reports, is divided into three heads, the first of which (p. 3) relates to the General Condition of the Society and its Finances, the second (p. 9) to the business transacted at the Office in Hanover Square, and the last (p. 31) to the state of the Gardens in the Regent's Park.

### I. GENERAL CONDITION OF THE SOCIETY.

#### 1. STATE OF THE ROLL OF MEMBERS.

##### *a. Fellows.*

The number of Fellows and Fellows Elect on the 1st of January, 1895, was 2972, classified as follows:—

Compounders who have paid £20 . . . . .	6
Ditto ditto £30 . . . . .	910
Compositions remitted . . . . .	19
Paying annual contributions of £2 . . . . .	4
Ditto ditto £3 . . . . .	1842
Dormant . . . . .	168
Admission-fees unpaid . . . . .	23
	<hr/>
	Total 2972

The Council notice that the number of names on the roll (2972) is still slightly decreasing. The corresponding total on the 1st of January, 1893, was 2985. But the decrease, amounting only to 13, is not important, and may be partly accounted for by the unusual number of deaths during the past year, viz. 111 in 1894 against 91 in 1893. The number of new elections (163) may be deemed satisfactory, being 8 more than those of the year 1893.

*Comparative Statement of Elections, Deaths, Resignations, and Removals during the past Ten Years, with the number of Fellows at the end of each Year.*

Years.	Elected or Re-admitted.	Died.			Resigned.			Removed.			Ceased to be Fellows.	Number of Fellows, December 31.		
		Compounders.		Subscribers.	Subscribers.		Admission Fees Unpaid.	Subscribers.		Admission Fees Unpaid.				
		£20.	£30.	Fee re-mitted.	£2.	£3.		£2.	£3.				£2.	£3.
1885.	111	2	17	...	5	69	2	55	...	1	20	2	173	3193
1886.	123	4	22	...	4	64	...	59	...	...	12	5	170	3146
1887.	138	4	20	...	7	68	1	67	...	...	10	3	180	3104
1888.	122	1	10	1	3	58	...	54	...	...	15	8	150	3076
1889.	125	1	14	1	2	58	...	36	...	...	12	2	126	3075
1890.	121	...	29	1	4	60	...	42	...	...	8	6	150	3046
1891.	118	3	36	...	...	73	...	54	...	...	9	4	179	2985
1892.	177	5	31	4	3	61	...	50	...	...	3	6	163	2999
1893.	155	6	29	1	2	53	1	41	...	...	28	8	169	2985
1894.	163	3	31	2	1	74	...	51	..	...	6	8	176	2972

*b. Honorary Member.*

One addition has been made to the list of Honorary Members of the Society since the last Anniversary by the election of Lt.-Col. Sir Charles B. H. Mitchell, K.C.M.G., Governor of the Straits Settlements, who has made several valuable donations to the Society's Menagerie.

*c. Corresponding Members.*

The two vacancies in the List of Corresponding Members which have taken place since the last Anniversary have been filled up by the election of the following gentlemen:—

Dr. Emil A. Goeldi, Director of the Museum of Pará, Brazil; and

Prof. Baldwin Spencer, of the University of Melbourne, Australia.

Both these gentlemen have rendered good service to Zoological Science.

#### d. *Medallist.*

The Silver Medal of the Society was bestowed in 1894 on Henry Hamilton Johnston, Esq., C.B., H.B.M. Commissioner for British Central Africa, who has rendered distinguished services to all branches of Natural History by the large collections made under his direction in Nyasaland. Full accounts of these collections have been published in the Society's 'Proceedings,' and a complete set of all the specimens has been presented by Mr. Johnston to the British Museum.

## 2. STATE OF THE FINANCES.

### a. *Income.*

In the memorable summer of 1893 the sum realized from Admissions to the Gardens, in consequence of the long prevalence of fine weather, attained the unusual total of upwards of £15,600. It could scarcely have been hoped that such an amount as this would be realized in the broken weather of 1894, and, upon the whole, the sum of £14,306 received from the visitors to the Society's Gardens in that year may be considered to be as much as could fairly be expected, though less by £1311 than that received in the previous year.

The reduced number of visitors to the Gardens likewise caused a falling off of £91 in the Riding-receipts, and £90 in the amount of Rent received for the Refreshment-rooms. On the other hand, there will be found to be an increase of £251 in the Garden Sales and of £120 in the sum realized by Compositions. These increases and smaller items under other heads reduced the total decrease of the Society's income in 1894, as compared with that of 1893, to £1110 6s. 10d., as will be seen by the subjoined

Table, in which is given a comparison of the various heads of income for the two years:—

	Income of		Increase.	Decrease.
	1894.	1893.		
	£ s. d.	£ s. d.		
Admissions to Gardens .....	14,306 5 0	15,617 14 0	.....	1,311 9 0
Riding Receipts .....	680 6 10	772 2 3	.....	91 15 5
Garden Sales.....	652 4 1	400 18 8	251 5 5	.....
Rent for Refreshment-rooms ...	837 4 9	927 7 8	.....	90 2 11
Rent for Rooms at Hanover Square .....	166 10 0	162 12 0	3 18 0	.....
Admission Fees:—				
Past .....	90 0 0	125 0 0	.....	35 0 0
Present .....	640 0 0	600 0 0	40 0 0	.....
Annual Subscriptions:—				
Past .....	21 0 0	21 0 0	.....	.....
Present .....	5,623 0 0	5,537 0 0	86 0 0	.....
Future .....	105 0 0	81 0 0	24 0 0	.....
Compositions.....	810 0 0	690 0 0	120 0 0	.....
Ivory Tickets .....	10 10 0	25 5 0	.....	14 15 0
Publications .....	692 9 0	743 14 7	.....	51 5 7
Zoological Record.....	285 3 3	341 19 3	.....	56 16 0
Dividends and Interest .....	73 14 1	85 18 0	.....	12 3 11
Miscellaneous .....	113 13 7	85 16 0	27 17 7	.....
	25,107 0 7	26,217 7 5	553 1 0	1,663 7 10
Decrease .....	1,110 6 10	.....	Ded. Incr.	553 1 0
	26,217 7 5	26,217 7 5	.....	1,110 6 10

The variations of the Annual Income of the Society during the past 20 years are shown in the next Table:—

Year.	Total Income.	Year.	Total Income.
	£		£
1875 .....	28,738	1885 .....	25,809
1876 .....	34,955	1886 .....	25,787
1877 .....	30,988	1887 .....	23,102
1878 .....	27,944	1888 .....	24,025
1879 .....	26,463	1889 .....	26,427
1880 .....	27,388	1890 .....	25,059
1881 .....	25,810	1891 .....	24,054
1882 .....	34,270	1892 .....	24,877
1883 .....	28,966	1893 .....	26,217
1884 .....	28,939	1894 .....	25,107

#### b. Expenditure.

Being aware early in the year of a probability of a falling off in the Garden Receipts, which are the main source of the Society's revenue, the Council thought it



expedient to restrict as far as possible the expenditure of the year 1894. This, as will be seen by the subjoined table, they were able to do without, as they believe, in any way affecting the general efficiency of the Society's Establishment. As will be seen by the comparative columns, a greater or lesser amount of decrease was effected under nearly every head of expenditure in 1894. The reduction thus carried out amounted altogether to £1661 17s. 10d., the ordinary expenditure for 1894 having been only £23,616 3s. 7d., as compared with £25,278 1s. 5d., the corresponding expenditure in 1893.

In consequence of the financial stress, it was not thought proper to incur any extraordinary expenditure in 1894.

	Expenditure of				Increase.	Decrease.	
	1894.		1893.				
	£	s. d.	£	s. d.			£
Rent, Rates, Taxes, and Insurance ...	1,703	6 1	1,845	15 7	.....	142	9 6
Salaries and Pensions.....	5,363	3 4	5,523	6 8	.....	160	3 4
Provisions .....	4,205	1 10	4,287	13 0	.....	82	11 2
Cost and Carriage of Animals .....	1,008	6 0	1,234	13 0	.....	226	7 0
Menagerie Expenses .....	3,462	6 1	3,667	0 10	.....	204	14 9
Keepers' Dresses .....	168	14 0	155	9 11	13 4 1	.....	.....
Works, Materials, &c. ....	2,678	5 0	2,819	10 3	.....	141	5 3
Garden Expenses.....	783	3 0	785	13 3	.....	2	10 3
Advertisements.....	221	1 2	297	3 11	.....	76	2 9
Band Expenses .....	164	10 3	187	15 3	.....	23	5 0
House and Office Expenses ..	1,053	13 9	1,109	15 10	.....	56	2 1
Stationery and Printing .....	348	8 10	383	18 0	.....	35	9 2
Cost of Publications .....	1,460	8 2	1,728	12 8	.....	268	4 6
Cost of 'Zoological Record' .....	313	6 4	567	12 6	.....	254	6 2
Library Expenses.....	504	6 7	447	8 1	56 18 6	.....	.....
Expenditure of Davis Bequest.....	73	14 1	74	0 5	.....	0	6 4
Interest on Mortgage-debt .....	58	2 1	97	4 9	.....	39	2 8
Miscellaneous .....	46	7 0	65	7 6	.....	19	0 6
	23,616	3 7	25,278	1 5	70 2 7	1,732	0 5
Decrease .....	1,661	17 10	.....	.....	Ded. Incr.	70	2 7
	25,278	1 5	25,278	1 5	.....	1,661	17 10
Ordinary Payments.....	23,616	3 7	24,826	10 4	.....	1,210	6 9
Extraordinary ditto.....	.....	.....	451	11 1	.....	451	11 1
	23,616	3 7	25,278	1 5	.....	1,661	17 10

It will be observed that the expenditure of 1894 was less than the income actually received by the sum of £1490 17s. 0d.

The balance brought forward on Jan. 1, 1894, from the preceding year was £1052 11s. 0d. Adding to this the amount of income received in 1894 (£25,107 0s. 7d.), it

will be found that a total of £26,159 11s. 7d. was available for expenditure in 1894. This sum was disposed of in the following manner:—

The Ordinary Expenditure for the year, as already shown, amounted to £23,616 3s. 7d. The usual amount of £1000 was devoted to the repayment of the Mortgage-debt on the Society's Freehold premises. The remaining balance of £1543 8s. 0d. was carried forward for the benefit of 1895.

Thus the balance-sheet of 1894 may be shortly summarized as follows:—

<i>Receipts, 1894.</i>			<i>Payments, 1894.</i>				
	£	s.	d.		£	s.	d.
Balance brought from December 31, 1893 .....	1,052	11	0	Expenditure paid in the year .....	23,616	3	7
Income received in 1894.....	25,107	0	7	Repayment of Mortgage-debt .....	1,000	0	0
				Balance carried forward to 1895 ...	1,543	8	0
	£26,159	11	7		£26,159	11	7

### *c. Assets and Liabilities.*

The Assets and Liabilities of the Society on December 31, 1894, were estimated as follows:—

#### ASSETS.

Animals in the Menagerie in the Regent's Park .....	£	s.	d.
Books in the Library at Hanover Square .....	23,500	10	0
Unsold Publications.....	16,290	0	0
Stock of the 'Zoological Record' .....	3,006	0	0
Freehold Premises .....	1,350	0	0
Value of £1,900 London and South-Western Railway New 4 per cent. Preference Stock (Davis Trust Fund), @ 127	25,000	0	0
Cash at the Bankers (Messrs. Drummond) .....	2,413	0	0
	1,543	8	0
Arrears considered good:—			
Rent for Refreshment-Rooms.....	£	s.	d.
Rent for Rooms at Hanover Square .....	75	5	11
Garden Sales.....	33	15	0
Annual Subscriptions .....	264	5	5
Ivory Tickets .....	69	0	0
Publication Sales .....	3	3	0
	106	4	10
		551	14 2
		£73,654	12 2

## LIABILITIES.

	£	s.	d.	£	s.	d.
Rent and Taxes unpaid:—						
For the Gardens, say.....	175	13	5			
„ Office, say .....	44	15	10			
				220	9	3
Bills, &c., estimated at:—						
For the Gardens, say.....	618	8	3			
„ Office, say .....	499	11	7			
				1,117	19	10
Messrs. Drummond, Balance of Mortgage Debt .....				1,000	0	0
Messrs. Killingback & Co., Drainage at Gardens .. .....				636	0	0
				<u>£2,974</u>	<u>9</u>	<u>1</u>

## II. OFFICE, 3 HANOVER SQUARE.

## 1. SCIENTIFIC MEETINGS.

To the thirteen meetings for the despatch of scientific business held in the Society's Rooms in Hanover Square, in 1894, 109 communications were made. Of these, 73 were from Fellows, 12 from Corresponding Members, and 1 from a Foreign Member of the Society. The remaining 23 papers were from individuals not belonging to the Society, and were communicated to it by the Secretary or by other Members. The corresponding number of communications in the year 1893 was 101.

These communications were submitted to the Committee of Publication, by whom 65 were ordered to be printed entire in the 'Proceedings' and 1 in the 'Transactions,' such illustrations being in each case allowed as the Committee considered necessary for the purpose. Of the remaining communications, abstracts or extracts were considered to be sufficient for publication.

## 2. SCIENTIFIC PUBLICATIONS.

a. *Proceedings*.

The volume of 'Proceedings' for 1894 contains 780 pages illustrated by 49 plates. In the following Table are given the number of plates and pages of the volumes of 'Proceedings' for the past ten years:—

	plates.	pages.
1885 . . . .	62	991
1886 . . . .	60	716
1887 . . . .	55	730
1888 . . . .	32	717
1889 . . . .	62	668
1890 . . . .	57	730
1891 . . . .	50	703
1892 . . . .	47	756
1893 . . . .	64	812
1894 . . . .	49	780

b. *Transactions.*

Of the Society's quarto 'Transactions' two parts were published in 1894, viz. :—

VOL. XIII. PART VIII. (April 1894).

On Remains of an Extinct Gigantic Tortoise from Madagascar (*Testudo grandidieri*, Vaillant). By G. A. Boulenger, F.R.S. (With three Plates.)

On the Remains of some Gigantic Land-Tortoises, and of an Extinct Lizard, recently discovered in Mauritius. By Hans Gadow, Ph.D., M.A., F.R.S., &c. (With three Plates.)

VOL. XIII. PART IX. (October 1894).

A Revision of the Genera of the Alcyonaria Stolonifera, with a Description of one new Genus and several new Species. By Sydney J. Hickson, M.A., D.Sc., &c. (With six Plates.)

The following part of the 'Transactions' has been published since the commencement of the present year :—

VOL. XIII. PART X. (February 1895).

Descriptions of nine new Species of Amphipodous Crustaceans from the Tropical Atlantic. By the Rev. Thomas R. R. Stebbing, M.A. (With five Plates.)

An important paper (read Feb. 14, 1893), "On the Cranial Osteology, Classification, and Phylogeny of the Dinornithidæ," by Prof. T. Jeffery Parker, is now in the press, and will shortly be published.

Two other papers, of which the titles are subjoined, have been ordered by the Committee of Publication to be printed in the 'Transactions,' and will be proceeded with with the least possible delay:—

On a Nothosaurian Reptile from the Trias of Lombardy, apparently referable to *Lariosaurus*. By G. A. Boulenger, F.R.S. (Read Nov. 7, 1893.)

On the External Characters of *Lepidosiren* and *Protopterus*. By Prof. Ray Lankester, F.R.S. (Read June 19, 1894.)

#### c. *Zoological Record.*

The 30th volume of the 'Zoological Record' (which contains a summary of the work done by zoologists all over the world in 1893), edited by Dr. David Sharp, F.R.S., was published and issued to subscribers on December 29th, 1894.

An important feature in the 'Zoological Record' for 1893 is the new list of the Titles of Periodicals in which zoological papers are published, and of the abbreviations used in the Record to refer to them. The various scientific libraries at which the different works may be consulted are likewise indicated. The Council believe that this List, to the preparation of which Dr. Sharp has devoted great labour and attention, will be of material assistance to the Zoologists who use the Volume.

#### d. *Institutions in receipt of the Society's Publications.*

The following is a list of Institutions in various parts of the world to which copies of the Society's Publications are presented:—

##### AFRICA.

The South-African Museum, Cape Town.

##### AMERICA, SOUTH.

The Museum of Natural History, Buenos Ayres.

The Museum of Natural History, Santiago, Chili.

The Museum of La Plata, La Plata.

## AUSTRALASIA.

- The Royal Society of Tasmania, Hobart.  
 The Zoological and Acclimatization Society of Victoria, Melbourne.  
 The Linnean Society of New South Wales, Sydney.  
 The Royal Society of New South Wales, Sydney.  
 The New-Zealand Institute, Wellington.

## AUSTRIA.

- The Imperial Academy of Sciences, Vienna.  
 The Zoological and Botanical Society, Vienna.

## BELGIUM.

- The Entomological Society of Belgium, Brussels.  
 The Malacological Society of Belgium, Brussels.  
 The Royal Academy of Sciences, Brussels.  
 The Royal Museum of Natural History, Brussels.

## BRITISH INDIA.

- The Asiatic Society of Bengal, Calcutta.  
 The Geological Survey of India, Calcutta.  
 The Indian Museum, Calcutta.

## CANADA (DOMINION OF).

- The McGill College, Montreal.  
 The Geological Survey of Canada, Ottawa.  
 The University of Toronto, Toronto.

## CHINA.

- The China Branch of the Royal Asiatic Society, Shanghai.

## EAST INDIES.

- The Royal Society of the Dutch East Indies, Batavia.

## FRANCE.

- The Linnean Society of Normandy, Caen.  
 The Agricultural Society, Lyons.  
 The Entomological Society of France, Paris.  
 The Museum of Natural History, Paris.  
 The National Society of Acclimatization, Paris.

## GERMANY.

- The Royal Prussian Academy of Sciences, Berlin.  
 The Society of Friends of Natural History, Berlin.  
 The Natural-History Union for Rhineland and Westphalia, Bonn.  
 The Senckenbergian Society, Frankfort-on-Main.  
 The New Zoological Society, Frankfort-on-Main.  
 The Royal Society of Sciences, Göttingen.  
 The Natural-History Society, Halle.  
 The Natural-History Union, Hamburg.  
 The Medical and Natural-History Society, Jena.  
 The Royal Bavarian Academy of Sciences, Munich.  
 The Natural History Union of Würtemberg, Stuttgart.

## GREAT BRITAIN AND IRELAND.

- The Belfast Natural History and Philosophical Society, Belfast.  
 The Philosophical Society, Cambridge.  
 The Royal Dublin Society, Dublin.  
 The Royal Irish Academy, Dublin.  
 The Geological Society, Dublin.  
 The Royal Physical Society, Edinburgh.  
 The Royal Society, Edinburgh.  
 The Free Public Library and Museum, Liverpool.  
 The Athenæum Club, London.  
 The British Museum of Natural History, London.  
 The Entomological Society, London.  
 The Geological Society, London.  
 The King's College Library, London.  
 The Linnean Society, London.  
 The London Institution, Finsbury.  
 The Royal College of Physicians, London.  
 The Royal College of Surgeons, London.  
 The Royal Geographical Society, London.  
 The Royal Institution, London.  
 The Royal Society, London.  
 The University College, London.  
 The Literary and Philosophical Society, Manchester.  
 The Owens College, Manchester.  
 The Natural History Society, Newcastle-on-Tyne.  
 The Plymouth Institution and Devon and Cornwall Natural-History Society, Plymouth.  
 The Marine Biological Laboratory, Plymouth.  
 The Yorkshire Philosophical Society, York.

## HOLLAND.

- The Royal Academy of Sciences, Amsterdam.
- The Royal Zoological Society, Amsterdam.
- The Dutch Society of Sciences, Haarlem.
- The Entomological Society of the Netherlands, The Hague.
- The Museum of Natural History, Leyden.

## ITALY.

- The Royal Institute of Superior Studies, Florence.
- The Italian Society of Natural Sciences, Milan.
- The Zoological Station, Naples.
- The Royal Academy of the Lincei, Rome.
- The Royal Academy of Sciences, Turin.

## RUSSIA.

- The Natural-History Society, Dorpat.
- The Society of Sciences of Finland, Helsingfors.
- The Imperial Society of Naturalists, Moscow.
- The Entomological Society of Russia, St. Petersburg.
- The Imperial Academy of Sciences, St. Petersburg.

## SCANDINAVIA.

- The Society of Sciences of Christiania, Christiania.
- The Royal Danish Society of Sciences, Copenhagen.
- The Royal Academy of Sciences, Stockholm.
- The Royal Academy of Sciences, Upsala.

## SPAIN.

- The Royal Academy of Sciences, Madrid.

## SWITZERLAND.

- The Philosophical and Natural-History Society, Geneva.
- The Vaud Society of Natural Sciences, Lausanne.
- The Society of Natural Sciences, Neuchâtel.
- The Natural-History Society, Zurich.

## UNITED STATES OF AMERICA.

- The Boston Society of Natural History, Boston.
- The New-York Academy of Sciences, New York.
- The Academy of Natural Sciences, Philadelphia.
- The American Philosophical Society, Philadelphia.
- The Entomological Society, Philadelphia.
- The Essex Institute, Salem, Mass.
- The Smithsonian Institution, Washington, D.C.
- The United States Geological Survey, Washington, D.C.



## 3. LIBRARY.

Many important additions were made to the Society's Library in 1894, among which attention may be called to the following donations:—

- Albert, Prince of Monaco. Résultats des campagnes scientifiques accomplies sur son Yacht par Albert 1<sup>er</sup> Prince Souverain de Monaco. Fasc. vii. Part 1. 1894. Presented by Prince Albert 1st of Monaco.
- Bedriaga. Die Lurchfauna Europa's. I. Anura. Froschlurche. 1891. Presented by the Author.
- Canestrini. Prospetto dell' Acarofauna Italiana. Parte vi. 1894. Presented by the Author.
- Cornish. Life at the Zoo. 1895. Presented by the Author.
- Dubois. *Pithecanthropus erectus*. Eine menschenaehnliche Uebergangsform aus Java. 1894. Presented by the Author.
- Haeckel. Systematische Phylogenie der Protisten und Pflanzen. 1894. Presented by the Author.
- Hutchinson. Creatures of other days. 1894. Presented by the Author.
- Lowne. Descriptive Catalogue of the Teratological Series in the Museum of the Royal College of Surgeons. Animal Malformations. 1893. Presented by the Trustees of the Royal College of Surgeons.
- Medlicott and Blanford. A Manual of the Geology of India. Second edition. 1893. Presented by the Geological Survey of India.
- Morphologisches Jahrbuch. Band xxi.; xxii., Heft. 1, 2. Presented by Prof. Carl Gegenbaur.
- Norske Nordhavs-expedition, 1876-78. Part xxii. Ophiuroidea. By J. A. Grieg. 1893. Presented by Prof. H. Mohn.
- Ogilvie-Grant. Catalogue of the Birds in the British Museum. Vol. xxii. 1893. Presented by the Trustees of the British Museum.
- Oustalet. Catalogue des Oiseaux provenant du Voyage de M. Bonvalot et du Prince Henri d'Orléans à travers le Turkestan, le Tibet, et la Chine occidentale. 1894. Presented by the Author.
- Packard. Further Studies of the Brain of *Limulus polyphemus*, with Notes on its Embryology. 1894. Presented by the Author.
- Sanders. Researches in the Nervous System of *Myxine glutinosa*. 1894. Presented by the Author.
- Sharpe. Catalogue of the Birds in the British Museum. Vol. xxiii. 1894. Presented by the Trustees of the British Museum.
- Sharpe. Catalogue of the Specimens illustrating the Osteology of Vertebrated Animals, recent and extinct, contained in the Museum of the Royal College of Surgeons. Part III. Aves. 1891. Presented by the Trustees of the Royal College of Surgeons.
- Witherby. Forest Birds; their Haunts and Habits. 1894. Presented by the Author.

The following is a list of the principal zoological works in course of publication of which parts were purchased in 1894:—

- André. Species des Hyménoptères. Tome v. fasc. 43-45, 47, 49 ;  
Tome vi. fasc. 42, 46, 48.
- Barrett. Lepidoptera of the British Islands. Parts xiv.-xx.
- Berlese. Acari, Miriapodi e Scorpioni Italiani. Fasc. lxxi.-lxxiii.  
Ordo Prostigmata. 1892-93.
- Bronn's Thierreich. Band ii. Abth. ii. (*Cœlenterata*), Lief. 9, 10 ;  
Band ii. Abth. iii. (*Echinoderma*), Lief. 17, 18 ; Band iv. (*Vermes*),  
Lief. 31-37 ; Band v. Abth. ii. (*Arthropoda*), Lief. 35-40.
- Bucquoy. Mollusques Marins du Rousillon. Tome ii. fasc. viii., ix.
- Butler. Foreign Finches in Captivity. Parts 1, 2.
- Carus. Prodromus Faunæ Mediterraneæ. Vol. ii. Part 3.
- Dalla Torre. Catalogus Hymenopterorum. Vols. i. & ix.
- Dubois. Faune illustrée des Vertébrés de la Belgique. Sér. ii.  
Oiseaux. Livr. 149-153.
- Edwards. Hemiptera Homoptera of the British Islands. Part i.
- Edwards. Butterflies of North America. Ser. 3. Part xv.
- Elliot. Monograph of the *Pittidæ*. Parts ii.-iv. (2nd edition).
- Erichson. Naturgeschichte der Insecten Deutschlands. Abth. i.  
Band i. (Hälfte 2), Lief. i. ; Band v. Lief. 2, 3 ; Band vi. Lief. 6.
- Giglioli. Iconografia dell' Avifauna Italica. Fasc. lii., liii.
- Godman and Salvin. Biologia Centrali-Americana. Zoology, Parts  
cxiv.-cxix.
- Grandidier. Histoire de Madagascar. Vol. x. (*Mammifères*),  
Tome v., Atlas ii., Part 2, Fasc. 33 ; Vol. xxxiv. (*Plantes*), Tome  
iv., Atlas ii., Part 4, Fasc. 34 ; Tome v., Atlas iii., Part 1, Fasc. 35.
- Hampson. Fauna of British India. Moths. Vol. ii.
- Hansen. Zoologia Danica. Heft 9.
- Heyne. Die exotischen Käfer. Lief. 2.
- Jackson. Index Kewensis. Fasc. i.-iii.
- Kobelt. Rossmässler's Iconographie der europäischen Land- und  
Süßwasser-Mollusken. N. F. Band vii., Lief. 1, 2.
- Lang. Lehrbuch der vergleichenden Anatomie. Abth. 4.
- Leech. Butterflies of China, Japan, and Corea. Part 6.
- Leuckart and Chun. Bibliotheca Zoologica. Heft xvi. Lief. 1-4 ;  
xvii. Lief. 1, 2 ; xviii. Lief. 1, 2.
- Lilford. British Birds. Parts xxviii., xxix.
- Lowne. Anatomy, Physiology, Morphology, and Development of  
the Blow-fly. Part 5.
- Mabille and Vuillot. Novitates Lepidopterologicae. Fasc. xi.
- Martini and Chemnitz. Conchylien-Cabinet. Lief. 404-409.
- Mémoires concernant l'Histoire Naturelle de l'Empire Chinois.  
Tome ii., cahier 2-4.
- Menzbier. Ornithologie du Turkestan. Livr. iv.
- Moore. Lepidoptera Indica. Parts 17-19.
- Mosley. Illustration of European Butterflies. Parts lxv.-lxix.
- Nehrling. North-American Birds. Parts ix., x.
- Newton and Gadow. A Dictionary of Birds. Part 3.
- Oberthür. Études d'Entomologie. Livr. xviii., xix.
- Revue Suisse de Zoologie. Tome i. Fasc. 3 ; Tome ii. Fasc. 1-4.

- Rothschild. *Novitates Zoologicae*. Vol. i. Nos. 2-5.  
 Royal Natural History. Vol. i. Parts 2-7; Vol. ii.; Vol. iii. Parts 13, 14.  
 Rühl. Die palæarktischen Gross-Schmetterlinge. Lief. 11, 12.  
 Russ. Fremdlandischen Stubenvögel. Band ii. Lief. 2-9.  
 Sacco. I Molluschi dei Terreni terziarii del Piemonte e della Liguria. Part xiii., Fasc. 2; Parts xiv., xv.  
 Sars. An Account of the Crustacea of Norway. Vol. i. Nos. 22-26.  
 Saunders. Hymenoptera Aculeata of the British Islands. Parts i.-vi.  
 Sclater and Thomas. Book of Antelopes. Part i.  
 Scott. Australian Lepidoptera. Vol. ii. Parts 1, 2.  
 Sepp. *Nederlandische Insecten*. Nos. 45, 46.  
 Sharpe. Monograph of the *Paradiseidæ*. Part 3.  
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 Smith and Kirby. *Rhopalocera Exotica*. Parts xxvii.-xxxi.  
 Taschenberg. *Bibliotheca Zoologica*, ii. Lief. 11, 12.  
 Taylor. Land and Freshwater Mollusca of the British Islands. Part i.  
 Thomson. *Opuscula Entomologica*. Fasc. xvii., xviii.  
 Tryon. Manual of Conchology. Parts lviii., lix.  
 Vogt and Yung. *Traité d'Anatomie Comparée*. Livr. 23.  
 — —. *Lehrbuch der Anatomie*. Band ii. Lief. 13-15.  
 Weber. *Zoologische Ergebnisse einer Reise in Niederländisch Ost-Indien*. Band iii. Heft 2.  
 Wilson and Evans. *Aves Hawaiienses*. Part 5.  
 Zittel. *Handbuch der Palæontologie*. Abth. i., Band iv., Lief. 3.

Some of the most important additions to the Society's Library, purchased since the last Anniversary, are the following:—

- Badminton Library. *Big-Game Shooting*. 2 vols. 8vo. London, 1894.  
 Bateson. *Materials for the Study of Variation*. 8vo. 1894.  
 Berezowski and Bianchi. *Aves Expeditionis Potanini per provinciam Gan-su et confinia 1884-87*. 4to. St. Pétersbourg, 1891.  
 Bernard. *Éléments de Paléontologie*. 8vo. Paris, 1895.  
 Brongniart. *Recherches pour servir à l'Histoire des Insectes Fossiles des temps primaires, précédées d'une étude sur la nervation des ailes des Insectes*. Text and Atlas. 4to. Saint Etienne, 1893.  
 Brooks. *The Genus Salpa*. Text and Atlas. 4to. Baltimore, 1893.  
 Expéditions Scientifiques du Travailleur et du Talisman pendant les années 1880-83. *Echinodermes*. Par E. Perrier. Folio. Paris, 1894.  
 Fieber. *Les Cicadines d'Europe*. 8vo. Paris, 1875-78.  
 Fries, Ekström, and Sundevall. *A History of Scandinavian Fishes*. With coloured Plates by W. von Wright. Second edition. Revised and completed by F. A. Smitt. Text and Atlas. Folio. Stockholm, 1893.

- Grassi and Sandiäs. *Costituzione e Sviluppo della Società dei Termitidi*. 4to. Catania, 1893.
- Guenée. *Histoire Naturelle des Insectes. Uranides et Phalénites*. 2 vols. 8vo. Paris, 1857.
- Hoernes. *Wissenschaftliche Mittheilungen aus Bosnien und der Hercegovina*. 2 vols. 4to. Wien, 1893-94.
- Höhnel. *Discovery of Lakes Rudolf and Stefanie*. 2 vols. Royal 8vo. London, 1894.
- Klug. *Neue Schmetterlinge*. 4to. Berlin, 1836.
- Lansdell. *Chinese Central Asia, a ride through Little Tibet*. 2 vols. 8vo. London, 1893.
- Lemetteil. *Catalogue raisonné ou Histoire Descriptive et Méthodique des Oiseaux de la Seine-Inférieure*. 2 vols. 8vo. Rouen, 1874.
- Lewis and Clark. *History of the Expedition under the Command of Lewis and Clark, to the Sources of the Missouri River, &c.* New edition. By Elliott Coues. 4 vols. 8vo. London, 1893.
- Malaquin. *Recherches sur les Syllidiens*. 8vo. Lille, 1893.
- Marshall. *Vertebrate Embryology. A Text Book for Students and Practitioners*. 8vo. London, 1893.
- Martorelli. *Monografia illustrata degli Uccelli di Rapina in Italia*. Folio. Milano, 1895.
- Nuttall. *A Popular Handbook of the Ornithology of Eastern North America*. Revised and annotated by Montague Chamberlain. 2 vols. 8vo. London, 1894.
- Parona. *L'Elmintologia Italiana da' suoi primi tempi all'anno 1890*. 4to. Genova, 1894.
- Popoff. *Die Dottersack-Gefässe des Huhnes*. Folio. Wiesbaden, 1894.
- Roule. *L'Embryologie Comparée*. Royal 8vo. Paris, 1894.
- Sars, Koren, and Danielssen. *Fauna littoralis Norvegiæ*. 3 parts. Folio. Christiania and Bergen, 1846-77.
- Selby. *Illustrations of British Ornithology. Part i. Land Birds*. 8vo. Edinburgh, 1825.
- Stuhlmann. *Mit Emin Pascha ins Herz von Africa*. Royal 8vo. Berlin, 1894.
- Topsel. *The History of Four-footed Beasts and Serpents*. Folio. London, 1658.
- Wyatt. *British Birds: being Coloured Illustrations of all the Species of Passerine Birds resident in the British Isles*. Folio. London, 1894.

The following is a list of the periodicals received in 1894 from the various Societies and Institutions with which this Society is in correspondence.

#### AFRICA.

The South African Philosophical Society, Cape Town.  
Transactions, vols. v. part 2, vi. part 1, viii. part 1.

## AMERICA (CENTRAL).

## The National Museum of Costa Rica.

Anales, tomo iv.

## AMERICA (NORTH).

## The New York State Library, Albany.

State Library Bulletin, Legislation, no. 4.

Annual Reports, 1891-93.

Bulletin of the Museum, vol. iii., no. 11.

Annual Reports of the Museum, 45th & 46th.

## The American Academy of Arts and Sciences, Boston.

Proceedings, n. s., vol. xx.

## The Indiana Academy of Science, Brookville.

Proceedings, 1892-93.

The Museum of Comparative Zoölogy, Harvard College,  
Cambridge, Mass.

Bulletin, vol. xxv., nos. 4-11.

Annual Report, 1892-93.

## The Nova-Scotian Institute of Science, Halifax.

Proceedings and Transactions, ser. 2, vol. i., part 3.

## Tufts College, Massachusetts.

Tufts College Studies, nos. 1, 2.

## The "Antonio Alzate" Scientific Society, Mexico.

Memorias y Revista, tomo vii., nos. 5-12.

The Geological and Natural History Survey of Minnesota,  
Minneapolis.

Annual Report, 21st.

Bulletin, no. 10.

## The Royal Society of Canada, Montreal.

Proceedings and Transactions, vol. xi.

## The American Museum of Natural History, New York.

Bulletin, vol. v.

Annual Report, 1893.

**The Linnean Society, New York.**

Abstract of Proceedings, no. 6.

**The New York Academy of Sciences, New York.**

Annals, vol. v., nos. 1-8; vi., nos. 5-6 & index; vii., nos. 1-12;  
viii., no. 4.

Transactions, vol. ix., nos. 1-8; x., nos. 2-8; xi., nos. 1-5.

**The Geological Survey of Canada, Ottawa.**

Annual Report, vol. v., parts 1-3.

**The Academy of Natural Sciences, Philadelphia.**

Journal, ser. 2, vol. x., part 1.

Proceedings, 1893, parts 2, 3; 1894, part 1.

**The American Entomological Society, Philadelphia.**

Transactions, vol. xx., no. 4; xxi., nos. 1-3.

Entomological News, vol. v., nos. 1-10.

**The American Philosophical Society, Philadelphia.**

Proceedings, vol. xxxi., nos. 142, 144, 145.

**The Franklin Institute, Philadelphia.**

Journal, 1894.

**The California Academy of Sciences, San Francisco.**

Memoirs, vol. ii., no. 3.

**The Biological Society of Washington.**

Journal, vol. viii., pp. 117-120; ix., pp. 1-138.

**The Smithsonian Institution, Washington.**

Annual Report, 1891-92.

Annual Reports (Bureau of Ethnology), 9th and 10th.

Smithsonian Contributions to Knowledge, no. 884.

**The United States Department of Agriculture, Washington.  
(Division of Entomology.)**

Insect Life, vol. iv., nos. 11-12; v., no. 1; vi., nos. 3, 4.

**The United States Fish Commission, Washington.**

Bulletin, vol. xi.

Report, part xvii.

**The United States Geological Survey, Washington.**

Bulletin, nos. 97-117.

Annual Report 12-13.

Mineral Resources of the United States, 1892-93.

Monographs, vols. xix., xxi., xxii.

**The United States National Museum, Washington.**

Proceedings, vol. xv.

Bulletin, nos. 43-46.

**AMERICA (SOUTH).****The National Academy of Sciences, Cordova.**

Boletin, tomo xii., xiii.

**The Royal Agricultural and Commercial Society of  
British Guiana, George Town.**

Timehri, n. s., vol. vii., part 2; viii., part 1.

**The Museum of La Plata.**

Revista, tomo i.-v.

Anales, 1892-93.

**The National Museum of Rio de Janeiro.**

Archives, tome viii.

**The Scientific Society of Chili, Santiago.**

Actes, tome ii., livr. 4; iii., livr. 3, 4, 5; iv., livr. 1, 2, 3.

**AUSTRALIAN COLONIES.****The Royal Society of South Australia, Adelaide.**

Transactions, vol. xvii., part 2; xviii.

**The Royal Society of Tasmania, Hobart.**

Papers and Proceedings for 1893.

**The Linnean Society of New South Wales, Sydney.**

Proceedings, ser. 2, vol. viii., parts 1, 2; iv., part 1.

**The Royal Society of New South Wales, Sydney.**

Journal and Proceedings, vol. xxvii.

**The New-Zealand Institute, Wellington.**

Transactions and Proceedings, vol. xxvi.

## AUSTRIA.

The Academy of the University, Cracow.

Bulletin, 1893, no. 10; 1894, nos. 1-5, 8, 9.  
Sprawozdanie komisji fizyjograficznej, vol. xxviii.

The Imperial Academy of Sciences, Vienna.

Sitzungsberichte, Band cii., Heft. 1-7.

The Zoological and Botanical Society, Vienna.

Verhandlungen, Band xliii., Quartal. 3, 4; xliv., Quartal. 1, 2.

## BELGIUM.

The Entomological Society of Belgium, Brussels.

Mémoires, tome ii.  
Annales, tome xxxvii.

## CHINA.

Royal Asiatic Society, China Branch, Shanghai.

Journal, vol. xxvi.

## EAST INDIES.

The Royal Society of the Dutch East Indies, Batavia.

Natuurkundig Tijdschrift, deel liii.

The Bombay Natural-History Society, Bombay.

Journal, vol. viii., nos. 3-5; ix., no. 1.

The Asiatic Society of Bengal, Calcutta.

Proceedings, 1893, nos. 8-10; 1894, nos. 1-8.  
Journal, lxii., part 2, nos. 3, 4; lxiii., part 2, nos. 1, 2; lxiii.,  
part 3, no. 1.  
Anniversary Address, 1894.

The Geological Survey of India, Calcutta.

Records, vol. xxvi., part 4; xxvii., parts 1-3.  
Memoirs (Palæontologia Indica), ser. 9, vol. ii., part 1.

The Indian Museum, Calcutta.

Indian Museum Notes, vol. ii., no. 7; iii., no. 3.



The Royal Asiatic Society, Ceylon Branch, Colombo.

Journal, vol. xi., no. 41 ; xiii., no. 44.  
Proceedings, 1889-90.

FRANCE.

The Linnean Society of Normandy, Caen.

Mémoires, sér. 2, tome ii., fasc. 1.

The Entomological Society, Paris.

Annales, tome lxi. (1892-93).

The Museum of Natural History, Paris.

Nouvelles Archives, sér. 3, tome v.  
Centenaire de la fondation du Muséum d'Histoire Naturelle,  
10 Juin 1793-10 Juin 1893.

The National Society of Acclimatization, Paris.

Revue des Sciences Naturelles appliquées, 1894, nos. 1-23.

The Philomathic Society, Paris.

Bulletin, sér. 8, tome v., no. 4 ; vi., nos. 1, 2.

The Zoological Society of France, Paris.

Bulletin, 1886, pp. 649 to end.  
Mémoires, tome iii., part 4.

The Natural History Society, Toulouse.

Bulletin, tomes xxvi., xxvii., nos. 1-3.

GERMANY.

The Royal Prussian Academy of Sciences, Berlin.

Sitzungsberichte, 1893, nos. 39-53 ; 1894, nos. 1-38.  
Abhandlungen, 1893.

The Society of Friends of Natural History, Berlin.

Sitzungs-Berichte, 1893.

The Natural History Union of Rhineland and Westphalia,  
Bonn.

Verhandlungen, Jahrg. 1., Hälfte 2 ; li., Hälfte 1.  
Jahresberichte, 1891-94.

- The Royal Zoological and Anthropological-Ethnographical Museum, Dresden.  
Abhandlungen und Bericht, 1892-93.
- The German Malacological Society, Frankfort-on-Main.  
Nachrichtenblatt, Band xxvi.
- The New Zoological Society, Frankfort-on-Main.  
Der Zoologische Garten, Jahr. xxxiv., no. 12; xxxv., nos. 1-10.
- The Senckenbergian Natural History Society, Frankfort-on-Main.  
Abhandlungen, Band xiv., Heft 2; xviii., Heft 2.  
Bericht, 1886, 1894.
- The Royal Society of Sciences, Göttingen.  
Nachrichten, 1893, nos. 15-21; 1894, nos. 1-3.
- The Imperial Leopoldino-Carolinian Academy of Naturalists, Halle.  
Leopoldina, Heft 28.  
Nova Acta, Band lvii., lviii.
- The Natural Science Union, Hamburg.  
Verhandlungen, 1893, 3 Folge, Heft 1.
- The Medical and Natural-History Society, Jena.  
Jenaische Zeitschrift, Band xxviii., Heft. 2, 3; xxix., Heft 1.
- The Metz Academy, Metz.  
Mémoires, sér. 3, ann. xxi.
- The Royal Bavarian Academy of Sciences, Munich.  
Sitzungsberichte, 1893, Heft 3; 1894, Heft. 1-3.  
Abhandlungen, Band xvii., Heft. 1, 2.
- The Natural-History Union, Würtemberg.  
Jahreshefte, Jahrg. 1.

#### GREAT BRITAIN AND IRELAND.

- The Natural History and Philosophical Society, Belfast.  
Report and Proceedings, 1892-93.

- The Philosophical Society, Birmingham.  
 Proceedings, vol. viii., part 2.  
 Report, 1893.
- The Essex Field Club, Buckhurst Hill, Essex.  
 The Essex Naturalist, vol. vii., nos. 10-12.
- The Philosophical Society, Cambridge.  
 Proceedings, vol. viii., parts 2, 3.  
 Transactions, vol. xv., part 4.
- The Royal Irish Academy, Dublin.  
 Proceedings, ser. 3, vol. iii., no. 2.  
 Transactions (Science), vol. xxx., parts 11-14.
- The Royal Dublin Society, Dublin.  
 Scientific Transactions, ser. 2, vol. iv., no. 14, vol. v., nos. 1-4.  
 Scientific Proceedings, n. s., vol. vii., part 5; viii., parts 1, 2.
- The Royal Physical Society, Edinburgh.  
 Proceedings, Sessions 1892-93; 1893-94.
- The Royal Society, Edinburgh.  
 Proceedings, vol. xx., pp. 97-304.
- The Scottish Microscopical Society, Edinburgh.  
 Proceedings, Session 1893-94.
- The Hertfordshire Natural-History Society, Hertford.  
 Transactions, vol. vii., parts 8, 9; viii., parts 1, 2.
- The British Association for the Advancement of Science,  
 London.  
 Report, 63rd Meeting, Nottingham, 1893.
- The British Ornithologists' Club, London.  
 Bulletin, vol. ii.; vol. iii., nos. xiv.-xv.
- The Entomological Society, London.  
 Transactions, 1893, part 5; 1894, parts 1-4.
- The Geological Society, London.  
 Quarterly Journal, vol. 1.

**The Linnean Society, London.**

Journal (Zoology), vol. xxiv., no. 157 ; xxv., no. 158.  
 — (Botany), vol. xxx., nos. 206-208.  
 Transactions (Botany), ser. 2, vol. iii., nos. 9-11 ; iv., no. 1.  
 — (Zoology), ser. 2, vol. v., no. 11 ; vi., nos. 1, 2.  
 Proceedings, 1894, May (Nov. to June, 1893).

**The South London Entomological and Natural History Society, London.**

Abstract of Proceedings, 1892-93.

**The Royal Agricultural Society of England, London.**

Journal, ser. 3, vol. v., parts 1-3.

**The Royal Gardens, Kew, London.**

Bulletin, 1893, nos. 82-84, App. iii. ; 1894, nos. 85-94, App. ii., iii. ; 1895, App. i.

**The Royal Geographical Society, London.**

The Geographical Journal, vols. iii., iv.

**The Royal Horticultural Society, London.**

Journal, vol. xvi., parts 2, 3 ; xvii., parts 1, 2.

**The Royal Institution of Great Britain, London.**

Proceedings, vol. xiv., part 1.

**The Royal Society, London.**

Proceedings, vol. liv., nos. 328-330 ; lv. ; lvi., nos. 336, 339.  
 Philosophical Transactions (B), vol. 184.  
 Catalogue of Scientific Papers, 1874-83, vol. x.

**The Royal United Service Institution, London.**

Journal, 1894.

**The Royal Society of Literature, London.**

Transactions, ser. 2, vol. xvi., parts 1, 2.  
 Index to the Transactions, ser. 1, vols. i.-iii. ; ser. 2, vols. i.-xiv.  
 History of the Royal Society of Literature.  
 Afternoon Lectures on English Literature.  
 Catalogue of the Library, 1892.

**The Selborne Society, London.**

Nature Notes, nos. 50, 52-60.

The Society of Arts, London.

Journal, 1894.

The Literary and Philosophical Society, Manchester.

Memoirs and Proceedings, ser. 4, vol. viii., nos. 1-3.

The Tyneside Naturalists' Field Club, Newcastle.

Natural History Transactions, vol. xi., part 2.

The Marine Biological Association, Plymouth.

Journal, n. s., vol. iii., nos. 2, 3.

The Yorkshire Philosophical Society, York.

Annual Report, 1893.

#### HOLLAND.

The Royal Academy of Sciences, Amsterdam.

Verhandelingen, sect. 2, Deel iii., nos. 1-14.

Verslagen en Mededeelingen (Letterkunde), 3rd Reeks, Deel x.

Verslagen der Zittingen, 1893-94.

Jaarboek, 1893.

The Dutch Society of Sciences, Haarlem.

Archives Néerlandaises, tome xxvii., livr. 4, 5; xxviii., livr. 1-4.

The Entomological Society of the Netherlands, The Hague.

Tijdschrift voor Entomologie, Deel xxxvi.

The Museum of Natural History, Leyden.

Notes, vols. xv., no. 4; xvi., nos. 1, 2.

#### ITALY.

The National Central Library, Florence.

Bollettino, 1894, num. 193-216.

The Italian Society of Natural Science, Milan.

Atti, vol. xxxiv., fasc. 4.

**The Zoological Station, Naples.**

Mittheilungen, Band xi., Heft 3.

**The Royal Academy of the Lincei, Rome.**

Rendiconti, ser. 5, vol. ii. (sem. 2), fasc. 12; iii. (sem. 1), fasc. 1-12; iii. (sem. 2), fasc. 1-11.

**The Museum of Zoology and Comparative Anatomy of the Royal University, Turin.**

Bollettino, vol. viii., nos. 151-165; ix., nos. 166-178.

**The Royal Academy of Sciences, Turin.**

Atti, vol. xxix.  
Memorie, ser. 2, vol. xliv.

**JAPAN.****The Imperial University, Tōkyō.**

Journal of the College of Science, vol. vi., part 4; vii., part 1; viii., part 1.  
Mittheilungen, vol. ii., no. 1.  
Calendar, 1893-94.

**The German East-Asian Society of Natural History and Folk-lore, Tōkyō.**

Mittheilungen, Heft. 53, 54, and Supplement-Heft 1894.

**PORTUGAL.****The Royal Academy of Sciences, Lisbon.**

Jornal, ser. 2, tomo iii., no. 11.

**RUSSIA.****The Natural-History Society, Dorpat.**

Archiv für die Naturkunde, ser. 2, x., Lief. 3, 4.  
Sitzungsberichte, Band x., Heft 2.

**The Society of Sciences of Finland, Helsingfors.**

Öfversigt, vol. xxxv.  
Bidrag, Häfte lii., liii.  
Acta, Tomus xix.

The Imperial Society of Naturalists, Moscow.

Bulletin, 1893, no. 4; 1894, nos. 1, 2.

The Entomological Society of Russia, St. Petersburg.

Horæ, tome xxviii.

The Royal Academy of Sciences, St. Petersburg.

Mémoires, sér. 7, tome xli., no. 9; xlii., nos. 9, 11.

Mélanges Biologiques, xiii., livr. 1.

Bulletin, N. S., iv., nos. 1, 2; sér. 5, i., nos. 1-4.

#### SCANDINAVIA.

The Natural-History Society, Copenhagen.

Videnskabelige Meddelelser, aarat 1893.

The Royal Danish Society of Sciences, Copenhagen.

Oversigt, 1893, no. 3; 1894, nos. 1, 2.

The Royal Swedish Academy of Sciences, Stockholm.

Öfversigt, vol. 1.

Lefnadsteckningar, vol. iii., Häfte 2.

Handlingar, N. F., vol. xxv., Häfte 1.

The Tromsö Museum, Tromsö.

Aarshefter, xvi.

Aarsberetning, 1892.

Royal Society of Sciences, Upsala.

Nova Acta, ser. 3, vol. xvi.

#### SWITZERLAND.

The Vaud Society of Natural Sciences, Lausanne.

Bulletin, sér. 3, vol. xxix., no. 113; xxx., no. 114.

The Natural Science Society, St. Gall.

Bericht, 1891-92.

The Natural-History Society, Zurich.

Vierteljahrschrift, Jahr. xxxviii., Heft. 3, 4; xxxix., Heft. 1, 2.

#### WEST INDIES.

The Institute of Jamaica, Kingston.

Journal, vol. i., no. 8; ii., no. 1.

The Trinidad Field Naturalists' Club, Port-of-Spain.

Journal, vol. i., nos. 11, 12; ii., nos. 1-4.

Donations, Memoirs, and Papers have also been received from:—The Editors of the 'American Journal of Science'; the Editors of the 'American Naturalist'; the Editors of the 'Athenæum'; the Australian Museum; D. Wilson Barker, Esq.; Mons. A. Boucard; the British Museum; H. T. Broadhurst, Esq.; the Cage Bird Club; Albert F. Calvert, Esq.; N. A. Cobb, Esq.; the East India Association; the Field Columbian Museum; Dr. E. A. Goeldi; R. J. L. Guppy, Esq.; Dr. A. A. W. Hubrecht; the Indian Museum; T. H. Keer, Esq.; Dr. A. Kölliker; J. Liebert, Esq.; the Madras Government; Prof. W. P. Manton; Prof. O. C. Marsh; Prof. K. Möbius; the Editors of 'Naturalist'; the Editors of 'Nature'; Dr. A. Nehring; the New Mexico College of Agriculture; A. J. North, Esq.; the Editors of the 'Open Court'; Dr. A. S. Packard; the Zoological Society of Philadelphia; Dr. J. P. Prázák; the Editor of the 'Revista de Ciencias Naturales e Sociales'; the Editors of the 'Revue Britannique'; the Salford Museum; P. L. Sclater, Esq.; the Editors of 'Science Gossip'; C. Davies Sherborn, Esq.; Dr. R. W. Shufeldt; Dr. Th. Studer; the Royal College of Veterinary Surgeons; the Zoological and Acclimatisation Society of Victoria; the Royal Zoological Society of Ireland; and the International Congress of Zoology.



### III. GARDENS, REGENT'S PARK.

#### 1. WORKS AND REPAIRS.

As already stated, it was not thought advisable that new works or buildings of any kind should be carried out in the Society's Gardens in 1894. Towards the close of the year, however, a scheme of drainage for the Gardens, which has been long in contemplation, was prepared by Mr. Henry Law, C.E., and a contract was entered into with Messrs. Killingback & Co. for carrying it out during the spring of the present year for the sum of £636, as will be seen by reference to the list of the Society's Liabilities. The nature of this important work and the reasons for its execution will be fully explained in the next Annual Report, as no payment on account of it was made in the year 1894.

But, although no new works were executed, the staff of workmen in the Society's employ was busy throughout the year in repairs and improvements. The slate roof of the Sloth and Ant-eaters' House was put into thorough repair, new sky-lights were put in, and the whole building was painted inside and out. The buildings of the Refreshment department were repaired and painted. The Bandstand was cleaned, painted, and repaired, and the roof and woodwork put into order. The net-work of the Pheasantries was renewed, and the doors were put in order. A quantity of ballast was burnt for the walks and paths, a large number of which were repaired and regravelled. These works and a number of smaller repairs and improvements, which need not be specified, kept the Society's staff of Artisans and Labourers fully occupied during the past year.

#### 2. STAFF.

The Staff at the Gardens remains nearly the same as at the last Anniversary, no material alterations having been made in it.

It consists of a Superintendent and Assistant Super-

intendent, a Head Keeper and twenty-one Keepers, three Money-takers, a Store-keeper, a Prosector's Assistant, and a Head Gardener—together 30 persons, employed at monthly salaries. Besides these there are 21 Helpers in the Menagerie, 12 Garden-labourers, 8 Artisans, 5 Painters, 6 Labourers, 2 Butchers, 1 Cook, 2 Firemen, 2 Night-Watchmen, 1 Time-keeper, and 1 Messenger, employed at weekly wages; so that the number of the whole staff, which was slightly reduced in 1894, may be reckoned at about ninety persons.

### 3. VISITORS.

As already observed, the unfavourable weather of 1894 caused a decrease in the number of Visitors to the Society's Gardens. But this decrease was not large, the total number of admissions having been 625,538, against a corresponding number 662,649 in 1893. A comparison of the different categories into which the visitors are divided in the Society's books is given in the subjoined Table.

*Visitors to the Gardens.*

	1894.	1893.	Comparison.	
Fellows and Friends .....	182,655	178,008	Incr. 4,647	
Paying {	On ordinary days at 1s. each. ....	146,862	156,623	Decr. 9,761
	On Mondays and other days at 6d. each .....	218,812	257,307	Decr. 38,495
	Children under 12 years at 6d. each .....	55,976	50,622	Incr. 5,354
School Children (admitted free).....	21,233	20,089	Incr. 1,144	
	625,538	662,649	Decr. 37,111	

The next Table gives a statement of the Number of Visitors to the Society's Gardens in every year since the Gardens were first opened to the Public. It will be observed that the number of visitors in 1894, though less than those in 1893, was greater than the corresponding number in 1892 or 1891.

*Number of Visitors to the Gardens, 1828-94.*

Year.	Number.	Year.	Number.
1828	98,605	†1862	682,205
1829	189,913	1863	468,700
1830	223,420	1864	507,169
1831	262,193	1865	525,176
1832	206,652	1866	527,349
1833	211,343	1867	556,214
1834	208,583	1868	573,186
1835	210,068	1869	572,848
1836	263,372	1870	573,004
1837	173,778	1871	595,917
1838	179,197	1872	648,088
1839	158,432	1873	713,046
1840	141,009	1874	706,907
1841	132,616	1875	699,918
1842	107,459	‡1876	915,764
1843	98,280	1877	781,377
1844	101,527	1878	706,713
1845	99,615	1879	643,000
1846	100,045	1880	675,979
1847	93,546	1881	648,694
1848	143,630	1882	849,776
1849	168,895	1883	743,485
1850	360,402	1884	745,460
*1851	667,243	1885	659,896
1852	305,203	1886	639,674
1853	409,076	1887	562,898
1854	407,676	1888	608,402
1855	315,002	1889	644,579
1856	344,184	1890	640,987
1857	339,217	1891	598,730
1858	351,580	1892	605,718
1859	364,356	1893	662,649
1860	394,906	1894	625,538
1861	381,837		

\* Year of the Great Exhibition.

† Year of the International Exhibition.  
‡ Year of the exhibition of the Prince of Wales's Indian Menagerie.

## 4. PROSECTOR'S DEPARTMENT.

The Prosector of the Society (Mr. F. E. Beddard, F.R.S.) reports as follows:—

The total number of deaths of animals in the Gardens

during the year 1894 was 965 as against 981 in the previous year, showing a decrease of 16. Among the more important losses were an unusual number of the larger Carnivora, including a Lion and a Lioness, 3 Tigers, 1 Leopard, and a Polar Bear. The latter was a large animal which had lived in the Gardens since the year 1871. The death of the Tasmanian Wolf has unfortunately left the Society without a specimen of this rare Marsupial. A Monk Seal, a Grey Seal, a Bennett's Tree-Kangaroo, a Great Anteater, and 3 Cassowaries complete the list of the important animals that have died during the year.

The Laboratory has been used by Mr. P. Chalmers Mitchell, M.A., F.Z.S., by Mr. Parsons, F.R.C.S., F.Z.S., and by others for purposes of Zoological research.

## 5. MENAGERIE.

### a. *Additions to the Menagerie in 1894.*

The number of animals belonging to the first three classes of Vertebrates living in the Society's Menagerie at the close of 1894 was 2563. The corresponding number on the 31st of December, 1893, was 2524, as will be seen by the following Table:—

	December 31.		Comparison.
	1894.	1893.	
Mammals.....	669	708	Decr. 39
Birds .....	1,427	1,460	Decr. 33
Reptiles .....	467	356	Incr. 111
	2,563	2,524	Incr. 39

The total number of registered additions to the Menagerie in 1894 was 1228, of which 655 were acquired by presentation, 192 by purchase, 101 were bred in the Gardens, 248 were received on deposit, and 32 obtained in exchange.

The mode in which these figures compare with those of previous years is shown in the subjoined table:—

	Presented.	Purchased.	Born.	Deposited.	Received in Exchange.	Total.
1875.	559	557	156	143	43	1458
1876.	533	316	171	172	27	1219
1877.	506	324	181	181	68	1260
1878.	511	272	150	178	71	1182
1879.	550	421	115	124	56	1266
1880.	624	515	148	161	40	1488
1881.	565	310	167	136	35	1213
1882.	772	402	113	111	25	1423
1883.	637	376	128	219	28	1388
1884.	646	524	174	229	133	1706
1885.	762	251	241	135	62	1451
1886.	851	236	171	232	48	1538
1887.	600	176	138	135	86	1135
1888.	572	143	158	216	32	1121
1889.	581	242	118	164	35	1140
1890.	578	215	154	94	23	1064
1891.	694	199	104	138	38	1173
1892.	698	315	141	142	39	1335
1893.	694	323	160	234	39	1450
1894.	655	192	101	248	32	1228

The following is a list of the most noticeable additions made to the Menagerie during the year 1894:—

1. A valuable collection of small Mammals presented to the Society by Dr. J. Anderson, F.R.S., F.Z.S., being part of the proceeds of his recent expedition to Egypt.

2. Two remarkably large and fine specimens of the Hamadryad Snake of India and Burmah (*Ophiophagus elaps*), received in exchange and on deposit. We have previously had but one example of this Venomous Snake in the Society's Reptile House, received in 1875, which lived about eleven years with us. See P. Z. S. 1894, p. 594.

3. A series of mammals and birds from British Central Africa, presented by Mr. H. H. Johnston, C.B., F.Z.S., and carefully brought home by Mr. Alexander Whyte, F.Z.S., the naturalist on Mr. Johnston's staff, on June 23rd. See P. Z. S. 1894, p. 594.

4. A young male White-tailed Gnu (*Connochætes gnu*), born in the Menagerie on June 23rd, being the produce of the male and one of the females that were purchased of Mr. Reiche, March 7th, 1893. This is the first occasion of this Antelope having bred in the Society's Gardens. See P. Z. S. 1894, p. 595.

5. A fine female Eland of the striped form (*Oreas canna livingstonii*), from the Transvaal, obtained by purchase July 10th, being the first individual of this variety received by the Society. See P. Z. S. 1894, p. 595.

6. Two Giant Tortoises from the Aldabra Islands (*Testudo elephantina*), presented by Rear-Admiral W. R. Kennedy, F.Z.S., July 12th. See P. Z. S. 1894, p. 595.

7. A young male Pleasant Antelope (*Tragelaphus gratus*), bred in the Zoological Gardens, Hamburg, received July 27th. See P. Z. S. 1894, p. 595.

8. Two Somali Ostriches (*Struthio molybdophanes*), from Somaliland, purchased Oct. 26th. This is the first pair of the blue-skinned form of Ostrich, which inhabits Eastern Africa, that has reached us. See P. Z. S. 1894, p. 654.

9. Ten Surinam Water-Toads (*Pipa americana*), presented by Mr. F. E. Blaauw, C.M.Z.S.; new to the Collection. See P. Z. S. 1894, p. 693.

10. A fine example of Pel's Owl (*Scotopelia peli*), from Sierra Leone, presented by the Hon. C. B. Mitford, C.M.Z.S., Deputy Governor of the Colony. See P. Z. S. 1894, p. 693.

11. Two Tree-Kangaroos (*Dendrolagus bennettianus*), from Queensland, received in exchange from the Zoological and Acclimatisation Society of Victoria, Melbourne; new to the Collection. See P. Z. S. 1894, p. 693, pl. xlvi.

b. *List of Species new to the Collection exhibited during the year 1894.*

The following list contains the names of the specimens exhibited in 1894 which are referable to species not included in the last (eighth) edition of the List of Animals.

i. MAMMALS.

36 a. *Cercocebus aterrimus* (Oudemans). Black Mangabey.

*Hab.* Central Africa.

1. Male. Presented by H. H. Johnston, Esq., C.B., F.Z.S., June 23, 1894. From Lake Tanganyika. See P. Z. S. 1894, p. 594.

65 a. *Cynocephalus ibeanus* (Thomas). Ibean Baboon.

*Hab.* East Africa.

1. Male; 2. Female. Presented by Charles Palmer, Esq., Nov. 15, 1894.

- 94 *b.* *Callithrix melanochir*, Wied. Black-handed Tee-tee.  
*Hab.* Brazil.  
 1. Deposited, June 16, 1894.
- 155 *a.* *Felis maniculata*, Cretzsch. Fettered Cat.  
*Hab.* N. Africa and Palestine.  
 1. Presented by Dr. John Anderson, F.R.S., F.Z.S.,  
 April 26, 1894. From Suakin.
- 225 *a.* *Canis variegatus*, Rüppell. Variegated Jackal.  
*Hab.* Nubia.  
 1, 2. Presented by Dr. John Anderson, F.R.S., F.Z.S.,  
 April 26, 1894. From Suakin. See P. Z. S.  
 1894, p. 391.
- 258 *b.* *Ictonyx frenata*, Sund. Banded Zorilla.  
*Hab.* Nubia.  
 1. Presented by Dr. John Anderson, F.R.S., F.Z.S.,  
 April 26, 1894. From Suakin.
- 299 *a.* *Erinaceus brachydactylus*, Wagn. Short-toed Hedgehog.  
*Hab.* Somali-land.  
 1, 2. Purchased, July 14, 1894.
- 299 *b.* *Erinaceus auritus*, Pallas. Long-eared Hedgehog.  
*Hab.* Egypt.  
 1-3. Presented by Dr. John Anderson, F.R.S., F.Z.S.,  
 April 26, 1894.
- 374 *a.* *Mus orientalis*, Cretzsch. Eastern Mouse.  
*Hab.* Egypt.  
 1. Deposited, Sept. 27, 1894. From Cairo.

- 374 *b.* *Isomys variegatus* (Licht.). Varied Field-Rat.  
*Hab.* Egypt.  
 1-3. Presented by Dr. John Anderson, F.R.S., F.Z.S.,  
 April 26, 1894.  
 4, 5. Born in the Menagerie, June 7, 1894.
- 374 *c.* *Acomys cahirinus* (Geoffr.). Cairo Spiny Mouse.  
*Hab.* Egypt.  
 1-4. Presented by Dr. John Anderson, F.R.S., F.Z.S.,  
 April 26, 1894.  
 5-7. Born in the Menagerie, July 23, 1894.
- 374 *d.* *Acomys hunteri*, Anderson. Hunter's Spiny  
 Mouse.  
*Hab.* Nubia.  
 1-3. Presented by Dr. John Anderson, F.R.S., F.Z.S.,  
 April 26, 1894. From Suakin.  
 4, 5. Born in the Menagerie, July 23, 1894.
- 379 *a.* *Rhizomys sumatrensis* (Raffles). Large Bamboo-  
 Rat.  
*Hab.* India.  
 1. Presented by Angus M. Kinloch, Esq., Aug. 23, 1894.
- 456 *a.* *Oreas canna livingstonii*, Sclater. Livingstone's  
 Eland.  
*Hab.* Transvaal.  
 1. Female. Purchased, July 10, 1894.
- 619 *a.* *Didelphys nudicaudata*, E. Geoffr. Rat-tailed  
 Opossum.  
*Hab.* South America.  
 1. Deposited, July 24, 1894.
- 619 *b.* *Didelphys murina*, Linn. Murine Opossum.  
*Hab.* South America.  
 1. Deposited, July 24, 1894.



640 a. *Dendrolagus bennettianus*, De Vis. Bennett's  
Tree-Kangaroo.

*Hab.* Queensland.

1. Male ; 2. Female. Purchased, Nov. 22, 1894.  
3. Male ; 4. Female. Deposited, Nov. 22, 1894. See  
P. Z. S. 1894, p. 693, pl. xlvi.

## ii. BIRDS.

20 a. *Cyanecula suecica* (Linn.). Bluethroat.

*Hab.* Europe.

1. Purchased, March 6, 1894.

75 a. *Turnagra crassirostris* (Gm.). South-Island  
Thrush.

*Hab.* South Island, New Zealand.

- 1-7. Deposited, Nov. 28, 1894.

96 a. *Myzantha garrula* (Lath.). Garrulous Honey-  
eater.

*Hab.* Australia.

1. Purchased, May 30, 1894.

155 a. *Spermospiza guttata* (Vieill.). Bright-spotted  
Finch.

*Hab.* Mashonaland.

- 1-4. Purchased, Oct. 9, 1894.

275 a. *Loxia bifasciata* (Brehm). European White-  
winged Crossbill.

*Hab.* Northern Europe.

1. Presented by Capt. A. Newnham, F.Z.S., Oct. 31,  
1894. From Russia.

- 314 *b.* *Agelæus ruficapillus*, Vieill. Red-headed Marsh-bird.  
*Hab.* South America.  
 1. Received in exchange, Sept. 5, 1894.
- 414 *a.* *Pitta strepitans*, Temm. Noisy Pitta.  
*Hab.* Australia.  
 1, 2. Purchased, March 30, 1894.
- 414 *b.* *Tænioptera nengeta* (Linn.). Peipoza Tyrant.  
*Hab.* South America.  
 1. Presented by C. F. Reed, Esq., Nov. 27, 1894.  
 Captured at sea off the River Plate.
- 438 *a.* *Bucorvus cafer* (Bocage). South-African Ground-Hornbill.  
*Hab.* South Africa.  
 1. Presented by H. H. Johnston, Esq., C.B., F.Z.S.,  
 Sept. 28, 1894. From Beira, S.E. Africa.
- 450 *a.* *Rhytidoceros plicatus* (Forst.). Papuan Wreathed Hornbill.  
*Hab.* New Guinea.  
 1. Presented by Mrs. Wilkinson, Sept. 29, 1894.
- 485 *a.* *Corythaix livingstonii* (Gray). Livingstone's Touracou.  
*Hab.* Central Africa.  
 1, 2. Presented by H. H. Johnston, Esq., C.B., F.Z.S.,  
 June 23, 1894.
587. *Cyanorhamphus unicolor* (Vig.). Antipodes Island Parrakeet.  
*Hab.* Antipodes Island.  
 1. Presented by Sir Walter L. Buller, K.C.M.G., C.M.Z.S.,  
 Nov. 28, 1894.

- 658 a. *Chrysotis diademata* (Spix). Diademed Amazon.  
*Hab.* Brazil.  
 1. Purchased, Jan. 3, 1894.
- 678 a. *Pachynus brachyurus* (Temm. & Kuhl). Short-tailed Parrot.  
*Hab.* Upper Amazons.  
 1. Male. Purchased, April 20, 1894.  
 2. Purchased, Oct. 6, 1894.
- 724 c. *Scops glabripes* (Swinh.). Smooth-footed Owl.  
*Hab.* Formosa.  
 1. Deposited, Dec. 8, 1894.
- 745 a. *Buteo ferox* (Gm.). Long-legged Buzzard.  
*Hab.* Eastern Europe, Africa, and India.  
 1, 2. Presented by W. J. E. Cartwright, Esq., March 9, 1878.  
 3. Purchased, April 24, 1894. Captured in the Red Sea.
- 807 a. *Falco punicus*, Levaill. Mediterranean Peregrine Falcon.  
*Hab.* S. Europe and N. Africa.  
 1. Presented by A. L. Sclater, Esq., July 4, 1894. Captured in the Mediterranean off Crete.
- 827 a. *Hypotrionchis chicquera* (Daud.). Red-headed Merlin.  
*Hab.* India.  
 1, 2. Purchased, June 28, 1894.
- 856 a. *Cathartes urubitinga*, Pelz. Yellow-headed Vulture.  
*Hab.* Brazil.  
 1. Purchased, June 7, 1894.

- 988 a. *Anas melleri*, Sclater. Meller's Duck.  
*Hab.* Madagascar.  
 1. Presented by H. H. Sharland, Esq., F.Z.S., April 11, 1894.
- 1116 b. *Geophaps plumifera*, Gould. Plumed Ground-Dove.  
*Hab.* North Australia.  
 1. Male; 2. Female. Purchased, May 4, 1894.  
 3, 4. Males; 5, 6. Females. Received in exchange, Oct. 26, 1894.
- 1150 b. *Francolinus swainsoni*, Smith. Swainson's Francolin.  
*Hab.* South Africa.  
 1, 2. Males; 3, 4. Females. Presented by J. E. Matcham, Esq., April 21, 1894.
- 1150 c. *Francolinus levaillanti* (Temm.). Levaillant's Francolin.  
*Hab.* South Africa.  
 1, 2. Presented by J. E. Matcham, Esq., March 2, 1894. From Port Elizabeth.
- 1234 a. *Numida reichenowi*, Grant. Reichenow's Guinea-fowl.  
*Hab.* East Africa.  
 1. Purchased, Feb. 17, 1894.
- 1301 a. *Gallinula pyrrhorhoa*, Newton. Madagascar Moorhen.  
*Hab.* Madagascar.  
 1, 2. Presented by H. H. Sharland, Esq., F.Z.S., April 19, 1894.
- 1358 a. *Glareola pratincola* (Linn.). Pratincole.  
*Hab.* Southern Europe.  
 1-3. Presented by Lord Lilford, F.Z.S., Sept. 28, 1894.

1444 a. *Struthio molybdophanes*, Reichenow. Somali  
Ostrich.

*Hab.* Somaliland.

1, 2. Purchased, Oct. 26, 1894. See P. Z. S. 1894,  
p. 654.

### iii. REPTILES.

107 a. *Varanus ocellatus*, Rüppell. Ocellated Monitor.

*Hab.* East Africa.

1. Deposited, July 18, 1894. From Lake Tanganyika.

124 b. *Gerrhosaurus flavigularis*, Wiegmann. Yellow-throated  
Lizard.

*Hab.* South Africa.

1. Presented by Claude Beddington, Esq., Nov. 20, 1894.

155 a. *Uromastix ocellatus*, Licht. Adorned Uromastix.

*Hab.* Nubia.

1-6. Presented by Dr. John Anderson, F.R.S., F.Z.S.,  
April 26, 1894. From Suakin.

285 d. *Elaps corallinus* (Linn.). Coralline Elaps.

*Hab.* Trinidad, W.I.

1. Presented by R. R. Mole, Esq., April 6, 1894.

### iv. BATRACHIANS.

6 a. *Limnodynastes peroni* (Dum. & Bibr.). Peron's  
Frog.

*Hab.* Australia.

1-3. Deposited, Nov. 21, 1894.

22 a. *Hyla aurea* (Lesson). Golden Tree-Frog.

*Hab.* New South Wales.

1-4. Deposited, April 12, 1894.

5-26. Deposited, Nov. 21, 1894.

29 *b.* *Pipa americana* (Linn.). Surinam Water-Toad.  
*Hab.* Surinam.

1-10. Presented by F. E. Blaauw, Esq., C.M.Z.S.,  
Nov. 14, 1894. See P. Z. S. 1894, p. 693.

#### v. FISHES.

23 *a.* *Macropus viridi-auratus* (Lacép.). Paradise Fish.  
*Hab.* China and Cochin China.

69 *a.* *Nemachilus*, sp. inc. Chinese Loach.  
*Hab.* China.

1-4. Presented by A. H. Allen, Esq., M.D., Jan. 22,  
1894.

*c. List of Animals bred in the Gardens during  
the year 1894.*

#### MAMMALS.

- 1 Maholi Galago (*Galago maholi*).
- 5 Raccoons (*Procyon lotor*).
- 2 Collared Fruit-Bats (*Cynonycteris collaris*).
- 3 Varied Field-Rats (*Isomys variegatus*).
- 3 Cairo Spiny Mice (*Acomys cahirinus*).
- 2 Hunter's Spiny Mice (*Acomys hunteri*).
- 1 Coypu (*Myopotamus coypus*).
- 1 Crested Porcupine (*Hystrix cristata*).
- 1 Patagonian Cavy (*Dolichotis patachonica*).
- 1 African Wild Ass (*Equus tæniopus*).
- 1 English Wild Cow (*Bos taurus*, var.).
- 3 Yaks (*Poëphagus grunniens*).
- 1 Eland (*Oreas canna*).
- 1 Persian Gazelle (*Gazella subgutturosa*).
- 1 White-tailed Gnu (*Connochætes gnu*).
- 3 Thars (*Capra zemlaica*).
- 1 Mouflon (*Ovis musimon*).
- 1 Burrhel Wild Sheep (*Ovis burrhel*).
- 4 Barbary Wild Sheep (*Ovis tragelaphus*).
- 1 Red Deer (*Cervus elaphus*).
- 2 Wapiti Deer (*Cervus canadensis*).
- 4 Japanese Deer (*Cervus sika*).

- 1 Hog Deer (*Cervus porcinus*).
- 2 Axis Deer (*Cervus axis*).
- 1 Reindeer (*Rangifer tarandus*).
- 1 Great Kangaroo (*Macropus giganteus*).
- 1 Bennett's Wallaby (*Halmaturus hennetti*).
- 1 Derbian Wallaby (*Halmaturus derbianus*).
- 1 Yellow-footed Rock-Kangaroo (*Petrogale xanthopus*).
- 1 Rufous Rat-Kangaroo (*Hypsiprymnus rufescens*).

### BIRDS.

- 1 Magellanic Goose (*Bernicla magellanic*).
- 6 Australian Wild Ducks (*Anas superciliosa*).
- 2 Slender Ducks (*Anas gibberifrons*).
- 4 Mandarin Ducks (*Æx galericulata*).
- 4 Triangular-spotted Pigeons (*Columba guinea*).
- 3 Spotted Pigeons (*Columba maculosa*).
- 4 Vinaceous Turtle-Doves (*Turtur vinaceus*).
- 3 Bar-tailed Pheasants (*Phasianus reevesi*).
- 1 Amherst Pheasant (*Thaumalea amherstiæ*).
- 3 Ypecaha Rails (*Aramides ypecaha*).
- 1 Cayenne Lapwing (*Vanellus cayennensis*).
- 1 Black-headed Gull (*Larus ridibundus*).

### REPTILES.

- 16 Deadly Snakes (*Trigonocephalus atrox*).

#### d. *List of Donors and their Donations for the year 1894.*

- H.R.H. The Comte de Paris, F.Z.S.  
Seven Spanish Blue Magpies.
- Adams, Mrs.  
One Mozambique Monkey.
- Allen, A. Herbert, Esq., M.D.  
Four Chinese Loach.
- Alleyne, Mr. J. C.  
One Common Marmoset.
- Anderson, Dr. John, F.R.S., F.Z.S.  
Two Variegated Jackals, two Fennec Foxes, two Pale Foxes, one Syrian Fox, one Fettered Cat, one Pale

Genet, one Libyan Zorilla, one Banded Zorilla, one Crested Porcupine, two Larger Egyptian Gerbilles, two Lesser Egyptian Gerbilles, two Dwarf Jerboas, three Egyptian Jerboas, three Hunter's Spiny Mice, one Eastern Mouse, four Cairo Spiny Mice, three Varied Field-Rats, one Field-Rat, three Long-eared Hedgehogs, one Common Viper, six Adorned Uromastix.

Arrowsmith, Mr. A. W.

One Cape Bucephalus.

Arthur, J., Esq.

Three Hawk's-billed Turtles.

Attewell, Mr. H.

Four Common Snakes.

Banks, Capt. G. W.

One Bennett's Wallaby.

Bartlett, H. K., Esq.

One Greek Tortoise.

Beddington, Claude, Esq.

Two Puff-Adders, one Cape Bucephalus.

Beddington, Messrs. H. M. & C.

Two Crossed Snakes, one Smooth-bellied Snake, one Rhomb-marked Snake, one Puff-Adder.

Berridge, Mr. W. S.

One Crossbill.

Besant, Capt. W. H.

One Banded Ichneumon, two Vulturine Guinea-fowls.

Beville, F. G., Esq., I.S.C.

Two Wild Swine.

Biehl, John, Esq.

Two Swainson's Lorikeets.

Binny, A. T., Esq., F.Z.S.

Two Robins.

Blaauw, F. E., Esq., C.M.Z.S.

Two Giant Toads, ten Surinam Toads.

Blackley, F., Esq.

Two Grey-breasted Parrakeets.

Blandy, C. F. R., Esq.

One Monk Seal.

Bolton, Gambier, Esq., F.Z.S.

One Black Ape.

Borgaes, Miss S.

One Green Lizard.



- Boyle, W. H., Esq.  
Two Lesser White-nosed Monkeys, one Campbell's  
Monkey, one Brush-tailed Porcupine.
- Brand, J. A., Esq.  
One Macaque Monkey.
- Braybrooke, The Lord, F.Z.S.  
Four Common Swans.
- Bridgman, T. G., Esq.  
One Common Tench.
- Brightwen, Mrs.  
Two Common Marmosets, one Common Hamster.
- Brocklebank, The Misses V. & S.  
One Spotted Ichneumon.
- Brockman, Brig.-Surg. Lt.-Col. E. F. Drake-, F.Z.S.  
Two Red-eared Bulbuls.
- Bromley, H., Esq.  
Two Common Vipers.
- Brooke, C. E., Esq.  
One Larger Hill-Mynah.
- Bruce, Robert, Esq.  
One Tiger.
- Bruzand, Sigismund, Esq.  
One Reticulated Python.
- Bulfin, I., Esq.  
One Smooth Snake.
- Buller, Sir Walter L., K.C.M.G., C.M.Z.S.  
One Antipodes Island Parrakeet.
- Burge, Barry, Esq.  
One Common Viper.
- Burgess, H., Esq.  
One Raccoon.
- Burgess, F. W., Esq.  
Two Wedge-tailed Eagles.
- Burleigh, Bennet, Esq.  
Two Spanish Terrapins.
- Burns, A. E. W., Esq.  
One Common Marmoset.
- Callum, J. Pearson, Esq.  
One Macaque Monkey.
- Carter, Mr. James.  
One Macaque Monkey.
- Carter, Mrs.  
One Rose Hill Parrakeet.
- Castle, Miss.  
One Ring-necked Parrakeet.

- Catlett, H. A., Esq.  
Two Grisons, two Horned Screammers.
- Champneys, Miss.  
One Suricate.
- Christie, John, Esq.  
One Leopard.
- Chrystal, Mr. W.  
One Rhesus Monkey.
- Clarke, Mr. L.  
One Black-handed Spider-Monkey.
- Clayton, Lady Isabel.  
One Brush-tailed Kangaroo.
- Clift, Capt. W. E.  
One Hairy Armadillo, one Common Teguxin Lizard.
- Clode, Miss M.  
One Blotched Genet.
- Clowes, H. J., Esq.  
One Mozambique Monkey.
- Coleman, G. B., Esq.  
Twenty Green Tree-Frogs.
- Collcutt, Mrs.  
One Diana Monkey.
- Cooke, C. W., Esq.  
One Rhesus Monkey.
- Cooper, R. W., Esq.  
One Vulpine Phalanger.
- Crompton, S., Esq.  
One Simony's Lizard.
- Crystal Palace Company, The.  
One Golden Eagle, one Common Kestrel, one Great Eagle-Owl, one Spotted Eagle-Owl, one Barn-Owl, one Tawny Owl.
- Currie, J. W., Esq., F.Z.S.  
One Sloth Bear.
- Currie, The Rev. F. L.  
One Chilian Sea-Eagle.
- Dickinson, Miss Florence.  
One Puma.
- Dixon-Brown, Mrs.  
One Jackdaw.
- Dodington, H. M., Esq.  
One Black-eared Marmoset.

- Druce, L. V., Esq.  
One Chaffinch, one Brambling, one Greenfinch, three  
Lesser Redpoles, one Linnet, one Hedge-Sparrow.
- Eagles, F. Harston, Esq., R.N.  
One Snowy Owl.
- East, H. P., Esq.  
One Mozambique Monkey.
- Ellice, Mrs.  
Two Wild Cats.
- Elliott, J. B., Esq.  
Two Long-nosed Crocodiles.
- Elliott, A. J., Esq.  
One Lanner Falcon.
- Elphick, Mr. G. T.  
One Common Chameleon.
- Farmer, Miss M. A.  
One Pinche Monkey.
- Feilden, Col. H. W., C.M.Z.S.  
One Stone-Curlew, two Pink-footed Geese.
- Fellowes, The Hon. Mrs.  
One Black-headed Lemur.
- Firman, Mrs. Florence.  
One Moor Macaque Monkey.
- Fleetham, Capt. E.  
Two Hawk's-billed Turtles.
- Flower, Mrs.  
One Green Monkey.
- Furniss, Harry, Esq., F.Z.S.  
One Smooth Snake.
- Gardiner, Charles, Esq.  
One Mona Monkey.
- Gibney, Mrs.  
One Chilian Conure.
- Gladstone, Arthur, Esq.  
One Elephantine Tortoise.
- Godman, H., Esq.  
One Great Eagle-Owl.
- Goeldi, Dr. E. A., C.M.Z.S.  
One Downy Owl.
- Gordon-Fraser, Charles, Esq.  
One Brown Capuchin.
- Gordon, Lt. W. N., R.A.  
One Pinche Monkey.

- Gosling, A. J., Esq.  
One Barbary Ape, one Turtle-Dove, four Barbary  
Turtle-Doves, four Barbary Partridges, one Crested  
Lark.
- Graham, Miss I. L.  
One Raven.
- Grant, W. R. Ogilvie, Esq.  
One Raven.
- Gray, J., Esq.  
One Smooth Snake.
- Green, Mr. W.  
One Cuckoo.
- Grubbe, Capt. Edmund A.  
One Himalayan Monkey.
- Gunn, Mr. T. E.  
Two Slowworms.
- Gurney, Gerard, Esq.  
One Common Jackal.
- Haag, E. C., Esq.  
One Isabelline Bear.
- Halliday, John, Esq.  
One Tiger cub.
- Harper, E. W., Esq., F.Z.S.  
One Spotted Owlet, four Grey Francolins, three Rain-  
Quails, one Spotted Turtle-Dove, one Indian House-  
Sparrow, two Red-headed Buntings, two Nutmeg-  
Finches, four Chestnut-bellied Finches.
- Harris, T., Esq.  
One Silver Pheasant.
- Harrison, A., Esq.  
One Black-headed Conure.
- Haynes, Mr. G.  
One Herring-Gull.
- Helpman, Capt. R. H. R.  
One Impeyan Pheasant.
- Henniker, A. E., Esq.  
Two Laughing Kingfishers, two Berigora Hawks.
- Hewett, Mrs.  
One Bonnet-Monkey.
- Hewitson, H. Bendelack, Esq., F.Z.S.  
Two Canary Finches, four Edible Frogs, four Dwarf  
Chameleons.
- Hickman, J., Esq.  
One Rose-ringed Parrakeet.

- Hodgson, Thomas, Esq.  
One Banded Parrakeet.
- Hollis, G., Esq.  
One Greek Tortoise.
- Howard-Vyse, H. H., Esq.  
Two Californian Quails.
- Hubbard, The Hon. Rose.  
One Double-ringed Turtle-Dove.
- Hughes, Mr. W.  
One Vulpine Phalanger.
- Hunt, G. L., Esq.  
One Tawny Owl.
- Hunter, J. W., Esq.  
One Leonine Monkey.
- Hunter, Richard, Esq.  
Two Common Peafowls.
- Hussey, Mr. J.  
One Bonnet-Monkey.
- Jamieson, Capt.  
One Stump-tailed Lizard.
- Jarvis, P. W., Esq.  
Four Guanhami Land-Crabs.
- Jenkins, T. A., Esq.  
One Brown Capuchin.
- Johnson, Mrs. J. L.  
One Brown Capuchin.
- Johnson, G. Lindsay, Esq., M.D., F.Z.S.  
One Black-faced Kangaroo.
- Johnston, H. H., Esq., C.B., F.Z.S.  
One Black Mangabey, one Yellow Baboon, one  
Duyker-bok, one Æthiopian Wart-Hog, one Banded  
Ichneumon, one Milky Eagle-Owl, one Black-crested  
Eagle, one Marabou Stork, two Green-necked Toura-  
cous, two Livingstone's Touracous, one South-African  
Ground-Hornbill, one Bell's Cinixys.
- Jones, Mrs. Amy, F.Z.S.  
Two Bronze-winged Pigeons.
- Keen, T., Esq.  
Two Eyed Lizards, twenty European Tree-Frogs.
- Keirnander, Mrs.  
One Mozambique Monkey.
- Kennedy, Rear-Admiral W. R., F.Z.S.  
Three Rusa Deer, two Elephantine Tortoises.

- Kerkhoven, E. J., Esq.  
Two Javan Wild Swine.
- Kinloch, Angus M., Esq.  
One Large Bamboo-Rat, one Indian Cobra.
- Langdale, Capt. Philip.  
One Common Chameleon.
- Langford, R. A., Esq.  
Two Spotted Eagle-Owls.
- Leach, Mr. E.  
One Green Turtle.
- Leigh, Miss.  
One Greek Tortoise.
- Leitch, Miss Marion E.  
One Sykes's Monkey.
- Lemming, Mrs.  
One Grey Parrot.
- L'Estrange, Col.  
One Water-Vole.
- Lilford, The Lord, F.Z.S.  
Three Pratincoles, one Great Bustard, four Night-Herons, two Brazilian Caracaras, two White-shafted Francolins.
- Ling, Mrs.  
One Bonnet-Monkey.
- Loch, Sir Henry B., G.C.B., K.C.M.G.  
One Wattled Crane, two Cape Crowned Cranes.
- Logan, E., Esq.  
One Rhesus Monkey.
- Löhr, Mr. Harold von.  
One Common Fox.
- Low, The Hon. William.  
Three West-Indian Agoutis, two Orange-winged Amazons.
- Lowther, The Hon. Lancelot.  
Two Weka Rails.
- Lumsden, Sir Harry B., K.C.S.I., C.B., F.Z.S.  
One De Filippi's Meadow Starling.
- McDiarmid, J. A., Esq.  
Two Nilotic Crocodiles.
- McDonald, Darent, Esq.  
One Diana Monkey.
- Macdougall, D. B., Esq.  
Two Common Marmosets.

- McHugh, Mrs.  
One Rhesus Monkey.
- McKenna, Lady.  
One Grenadier Weaver-bird.
- Mackenzie, The Misses E. & P.  
Three Barbary Turtle-Doves.
- Mackie, Dr. W. J.  
One Tuatera Lizard.
- Maclaine of Lochbuie, The.  
One Golden Eagle.
- Macleod, Señor Don D. M.  
One Striped Hyæna.
- McMillan, Barry, Esq.  
Two Robben-Island Snakes.
- Maitland, Miss.  
Two Horned Lizards.
- Marshal, F. W., Esq.  
One Egyptian Trionyx.
- Marshall, E. W., Esq., F.Z.S.  
Three Australian Cranes, one Brown Crane, one  
Indian White Crane.
- Marryat, Miss Florence.  
One Brown Capuchin, one Grey Ichneumon.
- Marx, Commdr. J. L., R.N.  
One Eroded Cinixys.
- Matcham, J. E., Esq.  
One Vervet Monkey, one Caracal, two Fat-tailed  
Sheep, one Bosch-bok, two Barn-Owls, four Swain-  
son's Francolins, two Levillant's Francolins, six  
Grey-winged Francolins, four Hispid Lizards, five  
Three-streaked Euprepes, one Delalande's Lizard,  
three Cape Bucephalus, two Rhomb-marked Snakes,  
one Crossed Snake, one Infernal Snake, three Hoary  
Snakes, one Rough-keeled Snake, three Puff-Adders,  
three Cape Vipers, two Ring-hals Snakes, one Hygian  
Snake.
- Middleton, H. G. Morton, Esq.  
One Slowworm.
- Mitchell, Lt.-Col. Sir Chas. B. H., K.C.M.G., H.M.Z.S.  
Two Tiger cubs.
- Mitchell, Capt. G. L.  
Two Goliath Beetles.

- Mitford, The Hon. C. B.  
 One Lesser White-nosed Monkey, one Pel's Owl,  
 one Angola Vulture, one Black Kite, one Augural  
 Buzzard.
- Mole, R. R., Esq.  
 One Pointed Tree-Snake, one Clouded Snake, one  
 Coralline Elaps.
- Mole and Urich, Messrs.  
 One Common Boa, two Tree-Boas, one Thick-necked  
 Tree-Boa, one Carinated Snake, one Deadly Snake.
- Moloney, Sir Alfred, K.C.M.G.  
 Two Collared Peccaries, one Globose Curassow.
- Morel, Philip E., Esq.  
 One Bonnet-Monkey.
- Morris, Mrs.  
 One Macaque Monkey.
- Morton, Mrs. Percy.  
 One Viverrine Phalanger.
- Mueller, Sir Ferdinand von, K.C.M.G., C.M.Z.S.  
 Two Jameson's Gulls.
- Muir, J. Gardiner, Esq.  
 Two Leopards.
- Mure, William, Esq.  
 One Cheetah.
- Murray, A., Esq.  
 One Kinkajou.
- Museum of Comparative Zoology, Cambridge, Mass., U.S.A.  
 Twenty Painted Terrapins, Five Stink-pot Terrapins,  
 One American Box-Tortoise.
- Newcastle, The Duke of, F.Z.S.  
 One Indian Lioness.
- Newnham, Capt. A., F.Z.S.  
 Three Crossbills, two Parrot Crossbills, one European  
 White-winged Crossbill, one Yellow-breasted Bunt-  
 ing, two Northern Marsh-Tits.
- Nicholls, H. P., Esq.  
 One Rhesus Monkey.
- Nickalls, Guy, Esq.  
 One European Moose.
- North, Col. J. T.  
 One Bonnet-Monkey.
- Novelli, Mrs.  
 One Patagonian Conure.



- O'Callaghan, R., Esq., F.R.C.S., F.Z.S.  
One Rhesus Monkey, one Raven.
- Ogle, Ponsonby, Esq.  
One Puma.
- Orvis, Miss A.  
One Macaque Monkey.
- Owen, Major Edward Roderic, F.Z.S.  
One Lioness, one Leopard, one Cheetah.
- Palmer, Mrs. Walter.  
One Brown Capuchin.
- Palmer, Charles, Esq.  
Two Ibean Baboons, one Macaque Monkey.
- Palmer, E., Esq.  
Two Chameleons.
- Parker, Duncan, Esq.  
One Goshawk.
- Parkinson, Mrs. E. M.  
One Squirrel-Monkey.
- Paton, F. Erskine, Esq.  
One Macaque Monkey, one White-throated Capuchin.
- Peckham, Miss.  
Two Natterjack Toads.
- Penn, John, Esq., M.P., F.Z.S.  
One Grey Ichneumon.
- Penton, E., Esq.  
Two Smooth Snakes.
- Percival, A. Blagney, Esq.  
One American Turkey.
- Philips, Master J. W.  
One Chicken-Snake.
- Pickersgill, W. Clayton, Esq.  
One Moustache Monkey.
- Pigott, Mrs. J. R. W.  
One Leopard.
- Pike, Arnold, Esq.  
Two Syrian Bears.
- Plowman, T., Esq.  
One Green Tree-Frog.
- Poole, D., Esq.  
Two Sharp-nosed Crocodiles.
- Pownall, G. S., Esq.  
One Brown Capuchin.

- Prebble, C. W., Esq.  
One Grey-breasted Parrakeet.
- Prestwich, J. H., Esq.  
One Sykes's Monkey.
- Rashleigh, Col. C. B.  
One Buzzard.
- Rawnsley, W. F., Esq.  
One Smooth Snake.
- Redwar, Miss E. R.  
Two Senegal Touracous.
- Reed, C. F., Esq.  
One Peipoza Tyrant.
- Remington, Thomas E. C., Esq.  
One Leopard, one Slender Loris.
- Reuss, Lawson, Esq.  
One King Snake.
- Reynolds, F., Esq.  
One Macaque Monkey.
- Richardson, Capt. John.  
One Blackcap.
- Rickards, The Rev. Thomas.  
One Bonnet-Monkey.
- Robinson, Mrs.  
One West-African Love-bird.
- Roche, J. D., Esq.  
One Black Lemur.
- Rootes, W. Rudge, Esq., F.Z.S.  
Two Japanese Pheasants.
- Russell, Mrs. G. E.  
Two Black-eared Marmosets.
- Scales, Mrs.  
One White-bellied Sea-Eagle.
- Slater, Arthur L., Esq.  
One Mediterranean Peregrine Falcon.
- Searelle, Luscombe, Esq.  
One Cape Crowned Crane.
- Seymour, Willoughby, Esq.  
One Vervet Monkey.
- Sharland, H. H., Esq., F.Z.S.  
One Meller's Duck, two Pin-tailed Sand-Grouse, one  
Black Gallinule, two Madagascar Moorhens.

- Sharpe, Dr. R. B., LL.D., F.Z.S.  
Two Garden Dormice.
- Sherbrooke, Penn C., Esq.  
Two Peregrine Falcons.
- Simpson, Mr. G.  
One Hairy Armadillo.
- Simpson, C. S., Esq.  
One Red-eared Bulbul, one Yellow-bellied Liothrix,  
three Indian Silver-bills, one Chestnut-breasted Finch,  
two Java Sparrows, one Crimson-crowned Weaver-  
bird, two Russ's Weaver-birds, two Saffron Finches,  
one Grey-necked Serin Finch.
- Sinclair, W. F., Esq., F.Z.S.  
Two Four-horned Antelopes.
- Smith, Mrs. E. S.  
One Manx Shearwater.
- Smith, F. C., Esq.  
Four Hedgehogs.
- Smith, The Rev. Canon J. Taylor.  
Two Sooty Mangabeys, one African Civet, two Royal  
Pythons.
- Smith, B. M., Esq., F.Z.S.  
One Song-Thrush, one Goldfinch.
- Smith, M. O., Esq.  
Four Alpine Newts.
- Southern Curio Co.  
Four Carolina Anolises.
- Southey, Claude, Esq.  
Two Black-backed Jackals.
- Spalding, Capt.  
One Slow Loris.
- Spender, Mrs. L.  
One Coot.
- Stallard, E., Esq.  
One Common Paradoxure.
- Stanley, Miss Sloane.  
One Cockateel.
- Stonham, C., Esq., F.R.C.S., F.Z.S.  
Three Dwarf Chameleons.
- Stradling, Dr. A., F.Z.S.  
One Deadly Snake.
- Strick, Frank C., Esq.  
One Four-horned Sheep.

- Strong, W. L., Esq.  
One Common Chameleon.
- Suckling, M., Esq.  
One Black Salamander.
- Sullivan, Miss.  
One Grey Ichneumon.
- Summerbell, Miss L. D.  
One Diana Monkey.
- Symonds, Mrs. J. C.  
One Ring-tailed Coati.
- Tannenbaum, Mrs.  
One Common Peafowl.
- Tannenbaum, A., Esq.  
Two Common Peafowls.
- Tattenhall, H., Esq.  
One Mozambique Monkey.
- Thompson, Miss Grace.  
One Slender Loris.
- Thompstone, Dr. Sydney W.  
One Two-spotted Paradoxure.
- Tidey, Mrs.  
Two Cockateels.
- Tod, W. L., Esq.  
One Clifford's Snake.
- Townsend, Capt. W.  
One Macaque Monkey.
- Tyacke, Capt.  
One Hawk's-billed Turtle.
- Vanderbyl, Adrian, Esq.  
Two Crested Porcupines.
- Vatcher, The Rev. Sidney.  
Two Pig-tailed Monkeys, one Vervet Monkey.
- Vincent, H. M., Esq.  
One Pig-tailed Monkey.
- Vincent, Miss.  
One White-backed Piping-Crow.
- Wallace, F., Esq.  
One Natterjack Toad.
- Ward, J., Esq.  
One Leadbeater's Cockatoo.
- Watson, L., Esq.  
Two Alligators.

- Wells, Joseph, Esq.  
One Two-spotted Paradoxure.
- Wheeler, Mrs.  
One Macaque Monkey.
- White, Mrs.  
One Vervet Monkey.
- Wilkinson, Mrs.  
One Papuan Wreathed Hornbill.
- Williams, Lt.-Gen. Owen L. C., F.Z.S.  
Two Mozambique Monkeys, one Yellow Baboon.
- Williams, L. A., Esq.  
Three Stock-Doves.
- Williams, Miss.  
Two Jackdaws.
- Wingate, E., Esq.  
One Dwarf Chameleon.
- Woodd, Miss E. G.  
Two Chaffinches.
- Workman, Capt. R.  
One Common Buzzard.
- Wroughton, Mrs.  
One Hooded Crow.
- Young, J., Esq., F.Z.S.  
One Solitary Thrush.
- Zambra, Miss Edith.  
One Ocelot.

### *Conclusion.*

In concluding their Report the Council wish to acknowledge the assistance they have received from the Committee of Publication, upon whom are devolved, in accordance with the By-Laws, the arrangement and supervision of the Society's Scientific Publications.

The Council have also to ask you to thank those Fellows of the Society who during the past year have audited the Accounts and have served on the Finance Committee.

On the whole the Council consider the year 1894 to have passed off favourably to the Society. The Income has more than sufficed to meet all the Expenditure, and to pay off the sum of £1000 on the Mortgage Debt, which was originally £12,000, but is now reduced to £1000. The balance

carried forward to the present year from 1894 was greater by £490 17s. than that received from the year 1893.

Nor are the present prospects less assuring. The number of Visitors on Easter Monday of the present year (35,375) was greater than it has been on any similar occasion since Easter Monday in 1882. Moreover, it may be mentioned that among the additions to the stock of animals recently effected is a fine female Giraffe, purchased on Feb. 26th, the acquisition of which fills a vacancy in the series of larger Mammals that the Council have been endeavouring to supply ever since the death in 1892 of the last survivor of the former stock. Along with the Giraffe, a pair of the Black-tailed Gnu and a pair of the handsome Sable Antelope were likewise acquired, which greatly add to the attractions of the Society's Antelope-House.

Signed (for the Council),

P. L. SCLATER,  
*Secretary.*

3 Hanover Square, W., April 29th, 1895.

REPORT  
OF THE  
AUDITORS OF THE ACCOUNTS  
OF THE  
ZOOLOGICAL SOCIETY OF LONDON,  
Appointed January 17, 1895.

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THE Committee of Auditors to the Zoological Society of London having fully examined the accounts, inspected the books, and seen vouchers for all the various payments ordered by the Council for the year ending December 31st, 1894, respectfully submit to the Society an abstract of the accounts, together with a statement of the Assets and Liabilities at the close of the year.

## RECEIPTS IN 1894.

|                                              |                                         |        |    |    |        | £      | s. | d. |
|----------------------------------------------|-----------------------------------------|--------|----|----|--------|--------|----|----|
| Balance brought from December 31, 1893 ..... |                                         |        |    |    |        | 1,052  | 11 | 0  |
| INCOME.                                      |                                         |        |    |    |        |        |    |    |
|                                              |                                         | £      | s. | d. | £      | s.     | d. |    |
| 1892                                         | { Garden Sales .....                    | 2      | 10 | 0  |        |        |    |    |
|                                              | { Annual Subscriptions .....            | 9      | 0  | 0  |        |        |    |    |
|                                              |                                         |        |    |    | 11     | 10     | 0  |    |
| 1893                                         | { Garden Sales .....                    | 127    | 2  | 0  |        |        |    |    |
|                                              | { Rent for Refreshment-Rooms .....      | 74     | 7  | 6  |        |        |    |    |
|                                              | { Rent for Rooms at Hanover Square...   | 33     | 15 | 0  |        |        |    |    |
|                                              | { Admission Fees .....                  | 90     | 0  | 0  |        |        |    |    |
|                                              | { Annual Subscriptions .....            | 12     | 0  | 0  |        |        |    |    |
|                                              | { Publication Sales .....               | 84     | 10 | 9  |        |        |    |    |
|                                              |                                         |        |    |    | 421    | 15     | 3  |    |
| 1894                                         | { Admissions to Gardens .....           | 14,306 | 5  | 0  |        |        |    |    |
|                                              | { Riding Receipts .....                 | 680    | 6  | 10 |        |        |    |    |
|                                              | { Garden Sales .....                    | 522    | 12 | 1  |        |        |    |    |
|                                              | { Rent for Refreshment-Rooms .....      | 762    | 17 | 3  |        |        |    |    |
|                                              | { Rent for Rooms at Hanover Square...   | 132    | 15 | 0  |        |        |    |    |
|                                              | { Admission Fees .....                  | 640    | 0  | 0  |        |        |    |    |
|                                              | { Compositions .....                    | 810    | 0  | 0  |        |        |    |    |
|                                              | { Annual Subscriptions .....            | 5,623  | 0  | 0  |        |        |    |    |
|                                              | { Ivory Tickets .....                   | 10     | 10 | 0  |        |        |    |    |
|                                              | { Publication Subscriptions .....       | 500    | 17 | 0  |        |        |    |    |
|                                              | { Publication Sales .....               | 95     | 10 | 3  |        |        |    |    |
|                                              | { Zoological Record Subscriptions ..... | 188    | 0  | 0  |        |        |    |    |
|                                              | { Ditto ditto Sales .....               | 97     | 3  | 3  |        |        |    |    |
|                                              | { Dividends (Davis Fund) .....          | 73     | 14 | 1  |        |        |    |    |
| { Miscellaneous .....                        | 113                                     | 13     | 7  |    |        |        |    |    |
|                                              |                                         |        |    |    | 24,557 | 4      | 4  |    |
| 1895                                         | { Annual Subscriptions .....            | 105    | 0  | 0  |        |        |    |    |
|                                              | { Publication Subscriptions .....       | 11     | 11 | 0  |        |        |    |    |
|                                              |                                         |        |    |    | 116    | 11     | 0  |    |
| INCOME RECEIVED IN 1894 .....                |                                         |        |    |    |        | 25,107 | 0  | 7  |
|                                              |                                         |        |    |    |        |        |    |    |
|                                              |                                         |        |    |    |        |        |    |    |
|                                              |                                         |        |    |    |        | 26,159 | 11 | 7  |



## PAYMENTS IN 1894.

| EXPENDITURE.                                              |         | £      | s. | d. | £      | s. | d. |
|-----------------------------------------------------------|---------|--------|----|----|--------|----|----|
| Rent, Rates, Taxes, and Insurance .....                   | Gardens | 1,441  | 7  | 10 |        |    |    |
| Ditto ditto .....                                         | Office  | 261    | 18 | 3  |        |    |    |
| Salaries and Pensions .....                               | Gardens | 3,379  | 16 | 8  |        |    |    |
| Ditto ditto .....                                         | Office  | 1,983  | 6  | 8  |        |    |    |
| Provisions .....                                          |         | 4,205  | 1  | 10 |        |    |    |
| Cost and Carriage of Animals .....                        |         | 1,008  | 6  | 0  |        |    |    |
| Menagerie Expenses .....                                  |         | 3,462  | 6  | 1  |        |    |    |
| Keepers' Dresses .....                                    |         | 168    | 14 | 0  |        |    |    |
| Works and Materials .....                                 | Gardens | 2,405  | 12 | 9  |        |    |    |
| Ditto .....                                               | Office  | 272    | 12 | 3  |        |    |    |
| Garden Expenses .....                                     |         | 783    | 3  | 0  |        |    |    |
| Advertisements .....                                      |         | 221    | 1  | 2  |        |    |    |
| Band Expenses .....                                       |         | 164    | 10 | 3  |        |    |    |
| House and Office Expenses .....                           | Gardens | 429    | 18 | 2  |        |    |    |
| Ditto ditto .....                                         | Office  | 623    | 15 | 7  |        |    |    |
| Stationery and Printing (Miscellaneous) .....             |         | 348    | 8  | 10 |        |    |    |
| Cost of Publications .....                                |         | 1,460  | 8  | 2  |        |    |    |
| Cost of Zoological Record .....                           |         | 313    | 6  | 4  |        |    |    |
| Library Expenses .....                                    |         | 504    | 6  | 7  |        |    |    |
| Returned Subscriptions .....                              |         | 42     | 11 | 0  |        |    |    |
| Expenditure of Davis Fund .....                           |         | 73     | 14 | 1  |        |    |    |
| Interest on Mortgage Debt .....                           |         | 58     | 2  | 1  |        |    |    |
| Cost of Silver Medal .....                                |         | 3      | 16 | 0  |        |    |    |
| EXPENDITURE PAID IN 1894 .....                            |         | 23,616 | 3  | 7  | 23,616 | 3  | 7  |
| Repaid Messrs. Drummond on account of Mortgage Debt ..... |         |        |    |    | 1,000  | 0  | 0  |
| Cash at the Banker's, December 31, 1894:—                 |         |        |    |    |        |    |    |
| General Account .....                                     |         | £1,006 | 5  | 7  |        |    |    |
| Petty Cash Account .....                                  |         | 537    | 2  | 5  |        |    |    |
|                                                           |         |        |    |    | 1,543  | 8  | 0  |
|                                                           |         |        |    |    |        |    |    |
|                                                           |         |        |    |    | 26,159 | 11 | 7  |

*Comparison of Receipts in 1894 with 1893.*

| <i>Receipts.</i>                                                                                                                                                                                      |            |             |            |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|------------|-------------|
|                                                                                                                                                                                                       | Income of  |             | Increase.  | Decrease.   |
|                                                                                                                                                                                                       | 1894.      | 1893.       |            |             |
|                                                                                                                                                                                                       | £ s. d.    | £ s. d.     | £ s. d.    | £ s. d.     |
| Admissions to Gardens..                                                                                                                                                                               | 14,306 5 0 | 15,617 14 0 | .....      | 1,311 9 0   |
| Riding Receipts .....                                                                                                                                                                                 | 680 6 10   | 772 2 3     | .....      | 91 15 5     |
| Garden Sales .....                                                                                                                                                                                    | 652 4 1    | 400 18 8    | 251 5 5    | .....       |
| Rent for Refreshment-Rooms .....                                                                                                                                                                      | 837 4 9    | 927 7 8     | .....      | 90 2 11     |
| Rent for Rooms at Hanover Square.....                                                                                                                                                                 | 166 10 0   | 162 12 0    | 3 18 0     | .....       |
| Admission Fees:—                                                                                                                                                                                      |            |             |            |             |
| Past.....                                                                                                                                                                                             | 90 0 0     | 125 0 0     | .....      | 35 0 0      |
| Present .....                                                                                                                                                                                         | 640 0 0    | 600 0 0     | 40 0 0     | .....       |
| Annual Subscriptions:—                                                                                                                                                                                |            |             |            |             |
| Past.....                                                                                                                                                                                             | 21 0 0     | 21 0 0      | .....      | .....       |
| Present .....                                                                                                                                                                                         | 5,623 0 0  | 5,537 0 0   | 86 0 0     | .....       |
| Future .....                                                                                                                                                                                          | 105 0 0    | 81 0 0      | 24 0 0     | .....       |
| Compositions .....                                                                                                                                                                                    | 810 0 0    | 690 0 0     | 120 0 0    | .....       |
| Ivory Tickets .....                                                                                                                                                                                   | 10 10 0    | 25 5 0      | .....      | 14 15 0     |
| Publications .....                                                                                                                                                                                    | 692 9 0    | 743 14 7    | .....      | 51 5 7      |
| Zoological Record ....                                                                                                                                                                                | 285 3 3    | 341 19 3    | .....      | 56 16 0     |
| Dividends and Interest..                                                                                                                                                                              | 73 14 1    | 85 18 0     | .....      | 12 3 11     |
| Miscellaneous.....                                                                                                                                                                                    | 113 13 7   | 85 16 0     | 27 17 7    | .....       |
|                                                                                                                                                                                                       | 25,107 0 7 | 26,217 7 5  | 553 1 0    | 1,663 7 10  |
| Decrease ....                                                                                                                                                                                         | 1,110 6 10 | .....       | Ded. Incr. | 553 1 0     |
|                                                                                                                                                                                                       | 26,217 7 5 | 26,217 7 5  | .....      | 1,110 6 10  |
| <p style="margin: 0;">Total Receipts in 1894 ..... £25,107 0 7</p> <p style="margin: 0;">Total Payments in 1894..... 23,616 3 7</p> <p style="margin: 0;">Receipts over Payments ..... 1,490 17 0</p> |            |             |            |             |
| <i>Dr. Cash</i>                                                                                                                                                                                       |            |             |            |             |
|                                                                                                                                                                                                       |            |             |            | £ s. d.     |
| To Balance brought from December 31, 1893 .....                                                                                                                                                       |            |             |            | 1,052 11 0  |
| To Income received in 1894 .....                                                                                                                                                                      |            |             |            | 25,107 0 7  |
|                                                                                                                                                                                                       |            |             |            | 26,159 11 7 |

*Comparison of Payments in 1894 with 1893.*

| <i>Payments.</i>                         |                |             |            |             |
|------------------------------------------|----------------|-------------|------------|-------------|
|                                          | Expenditure of |             | Increase.  | Decrease.   |
|                                          | 1894.          | 1893.       |            |             |
|                                          | £ s. d.        | £ s. d.     |            |             |
| Rent, Rates, Taxes, and Insurance .....  | 1,703 6 1      | 1,845 15 7  | .....      | 142 9 6     |
| Salaries and Pensions .....              | 5,363 3 4      | 5,523 6 8   | .....      | 160 3 4     |
| Provisions .....                         | 4,205 1 10     | 4,287 13 0  | .....      | 82 11 2     |
| Cost and Carriage of Animals             | 1,008 6 0      | 1,234 13 0  | .....      | 226 7 0     |
| Menagerie Expenses .....                 | 3,462 6 1      | 3,667 0 10  | .....      | 204 14 9    |
| Keepers' Dresses .....                   | 168 14 0       | 155 9 11    | 13 4 1     | .....       |
| Works, Materials, &c.....                | 2,678 5 0      | 2,819 10 3  | .....      | 141 5 3     |
| Garden Expenses .....                    | 783 3 0        | 785 13 3    | .....      | 2 10 3      |
| Advertisements .....                     | 221 1 2        | 297 3 11    | .....      | 76 2 9      |
| Band Expenses .....                      | 164 10 3       | 187 15 3    | .....      | 23 5 0      |
| House and Office Expenses..              | 1,053 13 9     | 1,109 15 10 | .....      | 56 2 1      |
| Stationery and Printing ....             | 348 8 10       | 383 18 0    | .....      | 35 9 2      |
| Cost of Publications .....               | 1,460 8 2      | 1,728 12 8  | .....      | 268 4 6     |
| Cost of 'Zoological Record'..            | 313 6 4        | 567 12 6    | .....      | 254 6 2     |
| Library Expenses .....                   | 504 6 7        | 447 8 1     | 56 18 6    | .....       |
| Expenditure of Davis Bequest .....       | 73 14 1        | 74 0 5      | .....      | 0 6 4       |
| Interest on Mortgage-debt..              | 58 2 1         | 97 4 9      | .....      | 39 2 8      |
| Miscellaneous.....                       | 46 7 0         | 65 7 6      | .....      | 19 0 6      |
|                                          | 23,616 3 7     | 25,278 1 5  | 70 2 7     | 1,732 0 5   |
| Decrease ..                              | 1,661 17 10    | .....       | Ded. Incr. | 70 2 7      |
|                                          | 25,278 1 5     | 25,278 1 5  | .....      | 1,661 17 10 |
| Ordinary Payments .....                  | 23,616 3 7     | 24,826 10 4 | .....      | 1,210 6 9   |
| Extraordinary ditto .....                | .....          | 451 11 1    | .....      | 451 11 1    |
|                                          | 23,616 3 7     | 25,278 1 5  | .....      | 1,661 17 10 |
| <i>Contra</i>                            |                |             |            | <i>Cr.</i>  |
|                                          |                |             |            | £ s. d.     |
| By Expenditure paid in the year.....     |                |             |            | 23,616 3 7  |
| By Repayment of Mortgage-debt .....      |                |             |            | 1,000 0 0   |
| By Balance carried forward to 1895 ..... |                |             |            | 1,543 8 0   |
|                                          |                |             |            | 26,159 11 7 |

*Assets and Liabilities of the Society on December 31, 1894.*

## ASSETS.

|                                                                                                                    | £           | s.  | d.   |
|--------------------------------------------------------------------------------------------------------------------|-------------|-----|------|
| Animals in the Menagerie in the Regent's Park .....                                                                | 23,500      | 10  | 0    |
| Books in the Library at Hanover Square .....                                                                       | 16,290      | 0   | 0    |
| Unsold Publications .....                                                                                          | 3,006       | 0   | 0    |
| Stock of the Zoological Record .....                                                                               | 1,350       | 0   | 0    |
| Freehold Premises .....                                                                                            | 25,000      | 0   | 0    |
| Value of £1,900 London and South-Western Railway New 4<br>per cent. Preference Stock (Davis Trust Fund), @ 127 ... | 2,413       | 0   | 0    |
| Cash at the Bankers (Messrs. Drummond) .....                                                                       | 1,543       | 8   | 0    |
| Arrears considered good:—                                                                                          | £           | s.  | d.   |
| Rent for Refreshment-Rooms .....                                                                                   | 75          | 5   | 11   |
| Rent for Rooms at Hanover Square .....                                                                             | 33          | 15  | 0    |
| Garden Sales .....                                                                                                 | 264         | 5   | 5    |
| Annual Subscriptions .....                                                                                         | 69          | 0   | 0    |
| Ivory Tickets .....                                                                                                | 3           | 3   | 0    |
| Publication Sales .....                                                                                            | 106         | 4   | 10   |
|                                                                                                                    | <hr/>       |     |      |
|                                                                                                                    |             | 551 | 14 2 |
|                                                                                                                    | <hr/>       |     |      |
|                                                                                                                    | £73,654     | 12  | 2    |
|                                                                                                                    | <hr/> <hr/> |     |      |

## LIABILITIES.

|                                                      | £           | s. | d. | £      | s. | d. |
|------------------------------------------------------|-------------|----|----|--------|----|----|
| Rent and Taxes unpaid:—                              |             |    |    |        |    |    |
| For the Gardens, say .....                           | 175         | 13 | 5  |        |    |    |
| ,, Office, say .....                                 | 44          | 15 | 10 |        |    |    |
|                                                      | <hr/>       |    |    | 220    | 9  | 3  |
| Bills, &c., estimated at:—                           |             |    |    |        |    |    |
| For the Gardens, say .....                           | 618         | 8  | 3  |        |    |    |
| ,, Office, say .....                                 | 499         | 11 | 7  |        |    |    |
|                                                      | <hr/>       |    |    | 1,117  | 19 | 10 |
| Messrs. Drummond, Balance of Mortgage Debt .....     |             |    |    | 1,000  | 0  | 0  |
| Messrs. Killingback & Co., Drainage at Gardens ..... |             |    |    | 636    | 0  | 0  |
|                                                      | <hr/>       |    |    | £2,974 | 9  | 1  |
|                                                      | <hr/> <hr/> |    |    |        |    |    |

We have examined the Vouchers and the Accounts of Receipts and Expenditure, and certify that they are correct.

WALTER CROUCH.  
E. T. NEWTON.  
HENRY J. ROUSE.  
HENRY H. SLATER.  
JOHN T. TAYLOR.

} *Committee of Auditors.*

ZOOLOGICAL SOCIETY OF LONDON,  
3 *Hanover Square, W.*

*February 28, 1895.*