

REPORT
OF THE
COUNCIL
OF THE
ZOOLOGICAL SOCIETY
OF LONDON,
FOR THE YEAR 1888.

READ AT THE ANNUAL GENERAL MEETING,

APRIL 29TH, 1889.

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1889.

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REPORT OF THE COUNCIL.

April 29, 1889.

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

This, in accordance with previous Reports, is divided into three heads, the first of which relates to the General Condition of the Society and its Finances, the second to the business transacted at the Office in Hanover Square, and the last 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, 1889, was 3076, classified as follows:—

Compounders who have paid £20	24
Ditto ditto £30	920
Compositions remitted	20
Paying annual contributions of £2	17
Ditto ditto £3	1920
Dormant	157
Admission-fees unpaid	18
	<hr/>
	3076

The number of Fellows at the corresponding date in 1888 was 3104, showing a decrease of 28 during the year 1888.

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 Readmitted.	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.
1879.	144	9	17	...	7	52	...	54	...	...	50	6	195	3361
1880.	153	4	18	1	4	65	...	74	...	...	38	4	208	3306
1881.	138	24	31	...	5	75	...	65	3	1	27	...	231	3213
1882.	164	3	23	1	4	61	...	48	...	...	11	13	164	3213
1883.	159	4	25	...	3	55	...	38	...	...	33	4	162	3210
1884.	183	1	28	...	5	53	...	37	...	1	7	6	138	3255
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

b. Honorary Member.

Sir John Kirk, G.C.M.G., formerly Fellow of the Society, having resigned his Fellowship, was elected an Honorary Member, in acknowledgment of his distinguished services to Science and his many valuable presents to the Society's Menagerie.

c. Corresponding Members.

The following Corresponding Members have been elected to fill vacancies since the last Anniversary:—

Col. Euan Smith, C.S.I., H.B.M. Consul-General, Zanzibar.

D. D. Daly, Esq., of the British North Borneo Company's Service.

Lionel de Nicéville, Esq., of Calcutta.

Percy E. Montgomery, Esq., of Ichang, China.

Herbert Edward White, Esq., H.B.M. Consul, Tangier, Morocco.

2. STATE OF THE FINANCES.

a. *Income.*

The Council have the pleasure of being able to announce that the Income of the Society, which suffered a serious diminution in 1887, has shown considerable improvement during the past year. The Receipts from admissions to the Gardens have risen from £12,138 5s. 6d. to £13,284 11s.; the fees received from riders on the Elephants and Camels have increased from £419 5s. 2d. to £685 10s. 5d.; and the Compositions paid in lieu of Annual Subscriptions from £810 to £870; so that, on the whole, the year 1888 has shown a much more favourable state of the Finances than that which immediately preceded it.

The total Income of the Society for 1888 was £24,025 10s. 8d., and exceeded that of 1887 by the sum of £922 15s. 2d., as shown by the subjoined Table:—

	Income of		Increase.	Decrease.			
	1888.				1887.		
	£	s. d.			£	s. d.	
Admissions to Gardens	13,284	11 0	12,138	5 6	1,146	5 6	.....
Elephant and Camel-riding receipts	685	10 5	419	5 2	266	5 3	.....
Garden Sales.....	523	2 6	446	8 2	76	14 4	.....
Rent for Refreshment-rooms ...	692	12 1	890	13 4	.....	.....	198 1 3
Rent for Freehold Premises ...	283	3 0	255	0 0	28	3 0	.....
Admission Fees:—							
Past	70	0 0	75	0 0	.....	.....	5 0 0
Present	470	0 0	515	0 0	.....	.....	45 0 0
Annual Subscriptions:—							
Past	24	0 0	18	0 0	6	0 0	.....
Present	5,685	0 0	5,887	0 0	.....	.....	202 0 0
Future	102	0 0	222	0 0	.....	.....	120 0 0
Compositions	870	0 0	810	0 0	60	0 0	.....
Ivory Tickets	17	17 0	32	1 0	.....	.....	14 4 0
Publications	766	5 1	825	16 11	.....	.....	59 11 10
Zoological Record	387	16 0	301	10 4	86	5 8	.....
Dividends	73	17 3	73	10 11	0	6 4	.....
Miscellaneous	89	16 4	193	4 2	.....	.....	103 7 10
	24,025	10 8	23,102	15 6	1,670	0 1	747 4 11
Increase .....	.....	.....	922	15 2	747	4 11	Ded. Decr.
	24,025	10 8	24,025	10 8	922	15 2	.....

b. *Expenditure.*

In view of the falling off of Income exhibited in 1887 it was thought necessary by the Council during the past year to exercise more than ordinary economy in the Expenditure, particularly as regards those items which are not absolutely necessary for the efficiency of the Society's establishment. In this way the total Ordinary Expenditure for 1888 was reduced from £23,876 9s. 1d., the amount

at which it stood in 1887, to £21,439 16s. 4d., showing a decrease of £2,436 12s. 9d. on the year.

As regards Extraordinary Expenditure, the only payments made in 1888 were under three heads for liabilities incurred during the previous year, and the total amount only reached £700 2s. 2d., namely:—

	£	s.	d.
Completion of the New Wolves' Dens	232	6	3
Completion of Repairs to Well and Engine	347	15	11
Special acquisition to the Menagerie	120	0	0
	<u>£700</u>	<u>2</u>	<u>2</u>

On adding the Ordinary and Extraordinary Expenditure together it will be found that the total Expenditure of the year 1888 was £22,139 18s. 6d., the particulars of which, together with a comparison of the corresponding amounts paid in 1887, are given in the subjoined Table:—

	Expenditure of				Increase.	Decrease.
	1888.		1887.			
	£	s. d.	£	s. d.		
Rent, Rates, Taxes, and Insurance ...	1,716	14 3	1,434	12 10	282	1 5
Salaries and Pensions.....	5,551	12 0	5,919	1 8		367 9 8
Provisions	3,768	9 6	3,932	11 10		164 2 4
Cost and Carriage of Animals	495	3 3	961	12 5		466 9 2
Menagerie Expenses	3,024	6 9	3,324	8 3		300 1 6
Keepers' Dresses	147	0 11	200	12 8		53 11 9
Works, Materials, &c.	2,056	11 2	2,518	13 6		462 2 4
Buildings	232	6 3	446	7 0		214 0 9
Garden Expenses.....	704	16 9	791	12 5		86 15 8
Advertisements.....	299	10 6	265	10 11	33	19 7
Band Expenses	179	7 6	167	2 0	12	5 6
House and Office Expenses	1,106	14 7	802	18 0	303	16 7
Stationery and Printing (Miscellaneous)	293	6 8	385	6 11		92 0 3
Cost of Publications	969	6 5	1,987	13 6		1,018 7 1
Cost of Zoological Record.....	527	2 6	717	7 4		190 4 10
Library Expenses.....	547	13 2	573	7 7		25 14 5
Expenditure of Davis Bequest.....	73	17 3	79	10 11		5 13 8
Interest on Mortgage and Loan	387	8 11	339	4 8	48	4 3
Reception Expenses			259	4 1		259 4 1
Miscellaneous	58	10 2	28	11 8	29	18 6
	22,139	18 6	25,135	10 2	710	5 10
Decrease	2,995	11 8			Ded. Incr.	710 5 10
	25,135	10 2	25,135	10 2		2,995 11 8
Ordinary Payments.....	21,439	16 4	23,876	9 1		2,436 12 9
Extraordinary ditto.....	700	2 2	1,259	1 1		558 18 11
	22,139	18 6	25,135	10 2		2,995 11 8

It should be remarked that the decrease shown under the head of "Salaries" is mainly a matter of account, certain items formerly charged under that head having been transferred to "House and Office Expenses," where

it will be seen that a nearly corresponding increase has taken place.

To the Expenditure of the past year must be added the sum of £1000, devoted to part repayment of the temporary loan of £3000, obtained from the Society's Bankers at the close of 1887 under the circumstances mentioned in the Council's last Report, and the sum of £1000 paid on account of the principal of the Mortgage-debt on the Society's freehold premises according to usual practice. Adding these sums to the Expenditure it will be found that the total payments for the year 1888 were £24,139 18s. 6d. The Receipts of the year having been £24,025 10s. 8d., and the balance brought from the previous year £1158 1s., this left a balance at the Society's Bankers on the 31st of December last of £1043 13s. 2d., as shown by the following summary:—

<i>Receipts, 1888.</i>			<i>Payments, 1888.</i>		
	£	s. d.		£	s. d.
Balance brought from December 31, 1887	1,158	1 0	Expenditure paid in the year	22,139	18 6
Income received in 1888.....	24,025	10 8	Repayment on account of Loan of £3000.....	1,000	0 0
			Repayment of Mortgage-debt	1,000	0 0
			Balance at the Bankers, Dec.31,1888	1,043	13 2
	25,183	11 8		25,183	11 8

c. Assets and Liabilities.

The Assets and Liabilities of the Society on December 31, 1888, were estimated as follows:—

ASSETS.

	£	s.	d.
Animals in the Menagerie in the Regent's Park	25,798	0	0
Books in the Library at Hanover Square	14,096	0	0
Unsold Publications	3,182	0	0
Stock of the Zoological Record	1,000	0	0
Freehold Premises	25,000	0	0
£1,900 London and South-Western Railway New 4 per cent. Preference Stock (Davis Trust Fund)	2,375	0	0
Cash at the Bankers (Messrs. Drummond)	1,043	13	2
Arrears considered good:—	£	s.	d.
Rent for Refreshment Rooms.....	61	0	0
Rent of Rooms at Hanover Square.....	63	15	0
Garden Sales	64	11	0
Subscriptions	75	0	0
Publication Sales	101	0	0
Zoological Record Sales	19	17	6
		385	3 6
		£72,879	16 8

LIABILITIES.

	£	s.	d.	£	s.	d.
Rent and Taxes unpaid:—						
For the Gardens, say	169	8	10			
„ Office, say.....	43	15	0			
	<hr/>			213	3	10
Bills, &c., estimated at:—						
For the Gardens, say	581	2	0			
„ Office, say.....	424	1	5			
	<hr/>			1,005	3	5
Messrs. Drummond, Mortgage Debt.....				7,000	0	0
Messrs. Drummond, Temporary Loan				2,000	0	0
				<hr/>		
				£10,218	7	3
				<hr/> <hr/>		

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 1888, 101 communications were made. Of these, 80 were from Fellows and 3 from Corresponding Members of the Society. The remaining 18 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 1887 was 133.

These communications were submitted to the Committee of Publication, by whom 75 were ordered to be printed entire in the 'Proceedings' of the Society, 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 1888 is on the table. It contains 717 pages illustrated by 32 plates. In the following table are given the number of pages and plates of the volumes of 'Proceedings' for the past ten years:—

	plates.	pages.
1879	64	868
1880	64	743
1881	72	1056
1882	61	827
1883	61	704
1884	58	645
1885	62	991
1886	60	716
1887	55	730
1888	32	717

b. *Transactions.*

Only one part of 'Transactions' was published in 1888, namely:—

VOL. XII. PART VII. (April, 1888), containing the following memoir.

On some Foraminifera from the Abrohlos Bank. By Henry B. Brady, F.R.S., W. Kitchen Parker, F.R.S., and T. Rupert Jones, F.R.S. (with eight Plates).

Another part of 'Transactions' (Vol. XII. pt. 8) has, however, been since published, and it has been decided by the Committee of Publication to issue two more parts (9 and 10), both of which are in a forward state, during the present year. The tenth part will conclude the twelfth volume of the Society's quarto 'Transactions,' and leave only one memoir ordered for publication in this form to stand over for the 13th volume.

c. *Zoological Record.*

The volume of the 'Zoological Record' for 1888, containing a summary of the work done by British and Foreign Zoologists in 1887, was issued to the Subscribers early in the present year. The Council wish to express their thanks to the Editor, Mr. Beddard, and to the various contributors to the volume for their assiduity, and to point out to the Society that the 'Zoological Record' continues to appear far in advance of any other publication of a similar character.

It may be mentioned that since the stock of the old volumes was acquired by the Society and the sixth volume reprinted in order to render the series complete, 40 complete sets of the first 22 volumes of the 'Zoological Record' have been sold at the reduced price of £5 10s. per set. This, it is calculated, leaves a deficit of only about £190 on the total cost of the acquisition of the back stock and the reprinting of the missing volume. Against this deficit the Society hold a stock of 120 complete sets of the first 22 volumes still unsold, which, it is anticipated, will ultimately produce nearly, if not quite, the sum required to balance the account.

3. LIBRARY.

An important event in connection with the Society's Library took place last year, the late Madame Cornély, widow of the late Mons. J. M. Cornély, of Tours, an old and valued Corresponding Member of the Society, having bequeathed to the Society her husband's Zoological Library, which was received from the Executors in October last.

The Cornély Library consists of about 840 volumes, of which 256 are new to the Society's Library. Thus a most valuable augmentation to the Society's Library has taken place, many of the works thus acquired being rare and difficult to obtain under ordinary circumstances.

Besides the Cornély Library many important additions were made to the Society's bookshelves in 1888, among which attention may be called to the following donations:—

- Armas. *La Zoología de Colón*. 1888. Presented by the Author.
 Atkinson. *Notes on Indian Rhynchota*. Nos. 3, 4. 1888. Presented by the Author.
 Berce. *Fauna Entomologique Française. Lépidoptères*. 6 vols. 1867-78. Presented by W. C. Dale, Esq.
 Blanford. *The Fauna of British India. Mammalia. Part 1*. 1888. Presented by the Author.
 Cotes and Swinhoe. *A Catalogue of the Moths of India. Parts ii., iii.* 1887-88. Presented by the Trustees of the Indian Museum.
 Cresson. *Synopsis of the Families and Genera of the Hymenoptera of America, North of Mexico*. 1887. Presented by the American Entomological Society.
 Filippi. *Animalia Vertebrata. Museum Mediolanense. Classis ii. Aves*. 1847. Presented by Count T. Salvadori.
 Fürbringer. *Untersuchungen zur Morphologie und Systematik der Vögel*. 2 vols. 1888. Presented by the Royal Zoological Society, *Natura Artis Magistra*, Amsterdam.

- Godwin-Austen. Land and Freshwater Mollusca of India. Part vi. (Text.) 1888. Presented by the Author.
- Goode. The Fisheries and Fishery Industries of the United States. Sect. ii. Geographical Review. 1887. Presented by the United States Commission of Fish and Fisheries.
- Guerne. Excursions Zoologiques dans les Iles de Fayal et de San Miguel. 1888. Presented by Prince Albert of Monaco.
- Journal of Comparative Medicine and Surgery. Vol. ix. 1888. Presented by the Editors.
- Lendenfeld. Descriptive Catalogue of the Medusæ of the Australian Seas. 1887. Presented by the Trustees of the Australian Museum.
- Lilljeborg. Sveriges och Norges Fiskar. Haftet 5. 1888. Presented by the Author.
- Linnæus. Oländska och Gothländska Resa. 1745. Presented by Prof. Alfred Newton.
- Lydekker. Catalogue of the Fossil Mammalia in the British Museum. Part v. 1887. Presented by the Trustees of the British Museum.
- . Catalogue of the Fossil Reptilia and Amphibia in the British Museum. Part i. 1888. Presented by the Trustees of the British Museum.
- McCoy. Prodomus of the Zoology of Victoria. Decades i.-xv. 1878-87. Presented by the Government of Victoria.
- Moore. Descriptions of New Indian Lepidopterous Insects from the Collection of W. S. Atkinson. Part iii. 1888. Presented by the Asiatic Society of Bengal.
- Slater. Catalogue of the Birds in the British Museum. Vol. xiv. 1888. Presented by the Trustees of the British Museum.
- Sharpe. Catalogue of the Birds in the British Museum. Vol. xii. 1888. Presented by the Trustees of the British Museum.
- Spencer. The Factors of Organic Evolution. 1887. Presented by W. C. Dale, Esq.
- Tegetmeier. The New Game Bird. Pallas's Sand-Grouse. 1888. Presented by the Author.
- Thomson. Arcana Naturæ ou Recueil d'histoire naturelle. 1859. Presented by M. Auguste Sallé.
- . Musée Scientifique ou Recueil d'histoire naturelle. 1860. Presented by M. Auguste Sallé.
- Thurston. Catalogue of the Batrachia Salientia and Apoda of Southern India. 1888. Presented by the Author.
- Vejdovský. Thierische Organismen der Brunnenwässer von Prag. 1882. Presented by the Author.
- . System und Morphologie der Oligochaeten. 1884. Presented by the Author.

The following is a list of the principal zoological works in course of publication of which parts were purchased in 1888:—

- André. Species des Hyménoptères. Fasc. 27-32.
- Bartlett. Monograph of the Weaver-Birds and Finches. Parts 1, 2.
- Berlese. Acari, Myriapodi e Scorpioni Italiani. Fasc. xlvi.-xlviii.

- Blasius and Hayek. *Ornis*. Jahr. iii. Heft 4; Jahr. iv. Heft. 1-4.
- Bronn's *Thierreich*. Band I. (*Protozoa*), Lief. 41-52; Band V. Abth. ii. (*Arthropoda*), Lief. 18, 19; Band VI. Abth. iii. (*Reptilien*), Lief. 57-64; Abth. iv. (*Vögel*), Lief. 18-22; Abth. v. (*Säugethiere*), Lief. 30, 31.
- Bucquoy, Dautzenberg, and Dollfus. *Mollusques marins du Roussillon*. Tome ii. Fasc. 1, 2.
- Buller. *Birds of New Zealand*. 2nd ed. Parts 3-11.
- 'Challenger,' Voyage of H.M.S. *Zoology*, Vols. xxiii.-xxix.
- Clessin. *Malakozologische Blätter*. N. F. Band x. Bog. 2-4.
- . *Die Mollusken-Fauna Oesterreich-Ungarns und der Schweiz*. Lief. 3.
- Edwards. *Butterflies of North America*. Ser. 3. Parts 4, 5.
- Encyclopædia Britannica*. Vols. xxiii., xxiv.
- Erichson. *Naturgeschichte der Insecten Deutschlands*. Abth. i. (*Coleoptera*). Band VI. Lief. 5.
- Ersch and Gruber. *Encyklopädie*. Sect. 2. Theil. 41, 42.
- Fauna und Flora des Golfes von Neapel*. Monogr. xv., xvi.
- Fedtschenko. *Reise in Turkestan*. *Zoologie*. Lief. xv.-xvii.
- Fol. *Recueil Zoologique Suisse*. Tome iv. No. 4.
- Fowler. *Coleoptera of the British Isles*. Parts 14-24.
- Giglioli. *Iconografia dell' Avifauna Italica*. Fasc. xxxviii.-xliii.
- Godman and Salvin. *Biologia Centrali-Americana*. *Zoology*, Parts iv.-lxxii.; *Botany*, Part xxv.
- Gould's *Birds of New Guinea*. Part xxiv.
- Grandidier. *Histoire de Madagascar*. Vol. xvi. (*Poissons*), Part 2, Atlas, Part 1, Fasc. xvii. Vol. xxii. (*Coléoptères*), Tome ii., Atlas, Part 1, Fasc. xvi.
- Greene. *Parrots in Captivity*. Vol. iv. Parts 29, 30.
- Haeckel. *Die Radiolarien*. Theil. 3, 4.
- Hatschek. *Lehrbuch der Zoologie*. Lief. i.
- Helmerson and Schrenck. *Beiträge zur Kenntniss des Russischen Reiches*. Folge 3. Bänd. iii.-v.
- Kobelt. *Iconographie der schalentragender europäischen Meeresconchylien*. Heft viii.
- . *Rossmässler's Iconographie der europäischen Land- und Süßwasser-Mollusken*. N. F. Band iv. Lief. 1, 2.
- Leuckart and Chun. *Bibliotheca Zoologica*. Heft. i., ii.
- Lilford. *British Birds*. Parts vi.-viii.
- Martini and Chemnitz. *Conchylien-Cabinet*. Lief. 355-366.
- Meinert. *Entomologische Meddelelser*. Bind I. Hefte 3-5.
- Menzbier. *Ornithologie du Turkestan*. Livr. i., and Atlas, Livr. i.
- Mission Scientifique du Cap Horn*. Tome vi. *Zoologie* (*Insectes, Bryozoaires, Poissons, et Priapulides*).
- Oberthür. *Études d'Entomologie*. Part xii.
- Olphe-Galliard. *Contributions à la Faune Ornithologique de l'Europe Occidentale*. Fasc. iii., iv., xvi., and xxiii.
- Paetel. *Catalog der Conchylien-Sammlung*. Lief. 5-8.
- Pelzeln, Madarász, and Lorenz. *Monographie der Pipridæ*. Lief. i.
- Przewalski. *Wissenschaftliche Resultate der von N. M. Przewalski nach Central-Asien unternommen Reisen*. Band i. (*Säugethiere*), Lief. 1; Band iii. Abth. 2 (*Fische*), Lief. 1.
- Reichenow. *Handwörterbuch der Zoologie*. Band v.
- Russ. *Fremlandische Stübenvögel*. Band iv. Lief. 8.
- . *Vögel der Heimat*. Lief. 18.

- Sarasin. Ergebnisse naturwissenschaftlicher Forschungen auf Ceylon. Band I. Heft. 2, 3.
- Saunders. Manual of British Birds. Parts 1-10.
- Schneider. Tablettes Zoologiques. Tome ii. Nos. 1, 2.
- . Zoologische Beiträge. Band ii. Heft 2.
- Scudder. The Butterflies of the Eastern United States and Canada. Part i.
- Seidlitz. Fauna Baltica. Die Käfer. Lief. 2, 3.
- . Fauna Transsylvanica. Die Käfer. Lief. 1, 2.
- Semper (C.). Reisen im Archipel der Philippinen. Theil II. Band ii. Heft xvi. Hälfte 1; Band v. Lief. 3.
- Semper (G.). Die Schmetterlinge der Philippinischen Inseln. Band i. Lief. 3.
- Sharpe and Wyatt. Monograph of the Hirundinidæ. Parts vii., viii.
- Smith and Kirby. Rhopalocera Exotica. Parts iv.-vi.
- Spengel. Zoologische Jahrbücher. Band iii. (*Systematik*), Heft. 2-6; (*Anat.*), Heft. 1-3.
- Staudinger. Exotische Schmetterlinge. Lief. 20, 21; Theil II. Lief. 4.
- Sundman. Finska Fogelägg. Häft. viii., ix.
- . Finlands Fiskar. Häft ix.
- Taschenberg. Bibliotheca Zoologica ii. Lief. v., vi.
- Thomson. Opuscula Entomologica. Fasc. xi., xii.
- Tryon. Manual of Conchology. Parts xxxvii.-xxxix.; Ser. 2. Parts xiii.-xv.
- Tunisie. Exploration Scientifique de la Tunisie. Malacologie et Diptères.
- Vogt and Yung. Traité d'Anatomie Comparée. Livr. 11, 12.
- . Lehrbuch der Anatomie. Lief. 13, 14.
- Waterhouse. Aid to the Identification of Insects. Part xxix.
- Zittel. Handbuch der Paläontologie. Abth. i. Band III. Lief. 2; Abth. ii. Lief. 6.

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

- Agassiz. The Three Cruises of the 'Blake.' 2 vols. 8vo. 1888.
- Bonvalot. Through the Heart of Asia. 2 vols. 8vo. 1889.
- Bull. The Birds of Herefordshire. 8vo. 1888.
- Campana. Recherches d'Anatomie. 4to. 1875.
- Cole. Studies in Microscopical Science. 2 vols. 8vo. 1883-84.
- Doughty. Travels in Arabia Deserta. 2 vols. 8vo. 1888.
- Dubois. Les Lépidoptères de la Belgique. 3 vols. Royal 8vo. 1874-84.
- Duval. Atlas d'Embryologie. 4to. 1889.
- Etheridge. Fossils of the British Islands. Vol. i. 4to. 1888.
- Finsch. Samoafahrten. Text, 8vo.; Atlas, 4to. 1888.
- Goode. American Fishes. Royal 8vo. 1888.
- Haeckel. The Evolution of Man. 2 vols. 8vo. 1883.
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- James. The Unknown Horn of Africa. 8vo. 1888.
- Johnston's Royal Atlas. New Edition. Folio, 1887.

- Knorr. Verzameling van allerley bekende Hoorens en Schulpen. Deel. i.-vi. 4to. 1770-75.
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- Mansel-Pleydell. The Birds of Dorsetshire. 8vo. 1888.
- Marshall. Atlas der Tierverbreitung. Folio, 1887.
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- Mcquin-Tandon. Monographie de la Famille des Hirudinées. 8vo. 1846.
- Panzer. Voet's Beschreibungen und Abbildungen hartschaaliger Insekten. Theil. i.-v. 4to. 1793-1802.
- Pope. Upland Game Birds and Water-Fowl. Elephant Folio, 1878.
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- Rolleston. Forms of Animal Life. 2nd edition. By W. H. Jackson. Royal 8vo. 1888.
- Saint-Hilaire. Histoire naturelle des Oiseaux, par E. Le Maout. Royal 8vo. 1853.
- Schneider. Symbolæ ad Monographiam Generis *Chrysopæ*. Royal 8vo. 1851.
- Slater and Hudson. Argentine Ornithology. Vol. i. Royal 8vo. 1888.
- Sharpe. Birds in Nature. 4to. 1888.
- Spencer. The Principles of Biology. 2 vols. 8vo. 1864-67.
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- Zurn. Die Schmarotzer auf und in dem Körper unserer Haus-säugetiere. Theil ii. 8vo. 1889.

The following is a list of the periodicals received in 1888 from the various Societies and Institutions with which this Society is in correspondence.

AFRICA.

The South-African Philosophical Society, Cape Town.
Transactions, vol. v., part 1.

AMERICA (NORTH)

The American Academy of Arts and Sciences, Boston.
Proceedings, n. s., vol. xv., part 1.
Memoirs, vol. xi., part 5, no. 6; part 6, no. 7.

The Boston Society of Natural History, Boston.
Memoirs, vol. iv., nos. 1-6.

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

Bulletin, vol. xiii., nos. 6-10; vols. xiv., xv., and xvii., nos. 1, 2.
Memoirs, vol. xv.

The Elliott Society of Science and Art, Charleston.

Proceedings, 1886-88.

The Nova Scotia Institute of Natural Science, Halifax.

Proceedings and Transactions, vol. vii., parts 1, 2.

The "Antonio Alzate" Scientific Society, Mexico.

Memorias, tomo i., cuad. 5-12; tomo ii., cuad. 1-4.

The Geological and Natural History Survey of Minnesota,
Minneapolis.

Annual Report, 15.

Bulletin, no. 4.

The Royal Society of Canada, Montreal.

Proceedings and Transactions, vol. v.

The Connecticut Academy of Arts and Sciences, New
Haven.

Transactions, vol. vii., part 2.

The American Museum of Natural History, New York.

Annual Report, 1887-88.

The New York Academy of Sciences, New York.

Annals, vol. iv., nos. 3-8.

Transactions, vol. i., no. 1; v., no. 1; vi. and vii., nos. 1-8.

The Geological and Natural-History Survey of Canada,
Ottawa.

Annual Report, n. s., vol. ii.

The Academy of Natural Sciences, Philadelphia.

Proceedings, 1887, part 3; 1888, parts 1, 2.

Journal, ser. 2, vol. ix., part 2.

The American Entomological Society, Philadelphia.

Transactions, vol. xiv.; xv., no. 1.

The American Philosophical Society, Philadelphia.

Proceedings, vol. xxiv., no. 126; xxv., no. 127.
Transactions, n. s., vol. xvi., part 2.

The Franklin Institute, Philadelphia.

Journal, 1888.

**The American Association for the Advancement of Science,
Salem.**

Proceedings, 36th Meeting, New York, 1887.

The California Academy of Science, San Francisco.

Bulletin, vol. ii., no. 8.
Memoirs, vol. ii., no. 1.

**The National Museum of the Republic of Costa Rica,
San José.**

Anales, tomo i.

The Trenton Natural-History Society, Trenton.

Journal, vol. i., no. 3.

The Biological Society, Washington.

Proceedings, vols. i.-iv.

The Philosophical Society, Washington.

Bulletin, vol. x.

The Smithsonian Institution, Washington.

Annual Report, 1885, part 2.
Miscellaneous Collections, vols. xxxi.-xxxiii.

AMERICA (SOUTH).**The National Academy of Sciences of Cordoba, Buenos
Ayres.**

Boletin, tomo x., entr. 1, 2; xi., entr. 1, 2.

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

Transactions and Proceedings, vols. ix., x.

The Royal Society of Tasmania, Hobart.

Papers and Proceedings for 1887.

The Zoological and Acclimatization Society of Victoria,
Melbourne.

Annual Report, 1887.

The Linnean Society of New South Wales, Sydney.

Proceedings, ser. 2, vol. ii., parts 3, 4; vol. iii., parts 1, 2.

The Royal Society of New South Wales, Sydney.

Journal and Proceedings, vols. xx., xxi., xxii., part 1.

The New-Zealand Institute, Wellington.

Transactions and Proceedings, vol. xx.

AUSTRIA.

The Academy of the University, Cracow.

Sprawozdanie komisji fizyjograficznej, tome xxi.

Antropologii, tome xi.

Pamiętnik, tome xiii.

Rocznik, 1886, 1887.

Rozprawy i Sprawozdania, tomes xv., xvi.

The Imperial Academy of Sciences, Vienna.

Denkschriften, Band liii.

Sitzungsberichte, Bänd. xcv., xcvi.

The Zoological and Botanical Society, Vienna.

Verhandlungen, Band xxxvii., Quartal. 3, 4; xxxviii., Quartal.
1, 2.

BELGIUM.

The Entomological Society of Belgium, Brussels.

Table Générale des Annales, tomes i.-xxx.

The Royal Museum of Natural History, Brussels.

Bulletin, tome v., no. 1.

Annales, tome xiv.

CHINA.

- The China Branch of the Royal Asiatic Society, Shanghai.
Journal, vol. xxii., nos. 1-5.

EAST INDIES.

- The Royal Society of the Dutch East Indies, Batavia.
Natuurkundig Tijdschrift, deel xlvii.

- The Bombay Natural-History Society, Bombay.
Journal, vol. ii., no. 4; iii., nos. 1-3.

- The Asiatic Society of Bengal, Calcutta.
Proceedings, 1887, nos. 9, 10; 1888, nos. 1-8.
Journal, vol. lvi., part 2, nos. 2-4; lvii., part 2, nos. 1-3.

- The Geological Survey of India, Calcutta.
Records, vol. xx., part 4; xxi., parts 1-3.
Memoirs, vol. xxiv., part 1.
Memoirs (*Palæontologia Indica*), ser. 10, vol. iv., part 3; ser. 13,
vol. i., part 7.

FRANCE.

- The Linnean Society of Normandy, Caen.
Bulletin, ser. 4, vol. i.

- The Entomological Society, Paris.
Annales, sér. 6, tomes iv., vii.

- The Museum of Natural History, Paris.
Nouvelles Archives, sér. 2, tome ix., fasc. 2; x., fasc. 1.

- The National Society of Acclimatation, Paris.
Bulletin, sér. 4, tome v.

- The Society Philomathique, Paris.
Bulletin, sér. 7, tome xi., no. 4; xii., nos. 1, 3.

- The Natural History Society, Toulouse.
Bulletin, 1887, Avril-Dec.; 1888 Jan.-Mars.
Table des Matières, 1866-1886.

GERMANY.

The Royal Prussian Academy of Sciences, Berlin.

Sitzungsberichte, 1887, nos. 40-54; 1888, nos. 1-37.
Abhandlungen, 1887.

The Society of Friends of Natural History, Berlin.

Sitzungs-Berichte, 1887.

The Natural-History Union of Rhenish Prussia and Westphalia, Bonn.

Verhandlungen, Jahr. xliv., Hälfte 2; xlv., Hälfte 1.

The German Malacological Society, Frankfort a. M.

Jahrbücher, xiv., Heft 4.

The New Zoological Society, Frankfort a. M.

Der Zoologische Garten, Jahr. xxviii., nos. 11, 12; xxix., nos. 1-10.

The Senckenbergian Natural-History Society, Frankfort a. M.

Abhandlungen, Band xv., Heft. 1-3.
Bericht, 1888.

The Royal Society of Sciences, Göttingen.

Abhandlungen, Band xxxiv.
Nachrichten, 1887.

The Imperial Leopoldino-Carolinian Academy of Naturalists, Halle.

Nova Acta, Bänd. xlix.-li.
Leopoldina, Heft 23.
Katalog der Bibliothek, Lief. 1.

The Natural History Union, Hamburg.

Abhandlungen, Band x. (Festschrift).

The Zoological Society, Hamburg.

Bericht, xxvi.

The Medical and Natural-History Society, Jena.

Jenaische Zeitschrift, Band xxi.; xxii., Heft. 1, 2.

**The Westphalian Provincial Union of Science and Art,
Münster.**

Jahresbericht der Zoologischen Sektion 1887-88.

The Natural-History Union, Würtemberg.

Jahreshefte, Jahrg. xlv.

GREAT BRITAIN AND IRELAND.**The Belfast Natural-History and Philosophical Society,
Belfast.**

Report and Proceedings, Session 1887-88.

The Essex Field Club, Buckhurst Hill, Essex.

The Essex Naturalist, vol. i., no. 12; ii., nos. 1-10.

The Philosophical Society, Cambridge.

Proceedings, vol. vi., parts 3, 4.

The Royal Dublin Society, Dublin.

Scientific Transactions, ser. 2, vol. iv., part 1.

— Proceedings, n. s., vol. v., parts 7, 8; vi., parts 1, 2.

The Royal Geological Society of Ireland, Dublin.

Journal, n. s., vol. vii., part 2.

The Royal Irish Academy, Dublin.

Proceedings (Science), ser. 2, vol. iv., no. 6.

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Transactions (Science), vol. xxix., parts 1, 2.

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Proceedings, Session 1886-87.

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Proceedings, vol. xii., nos. 115-118; xiii., xiv.

Transactions, vol. xxx., part 4; xxxi., xxxii., parts 2-4; xxxiii., parts 1, 2.

- The Hertfordshire Natural-History Society, Hertford.
Transactions, vol. iv., parts 8, 9.
- The Philosophical and Literary Society, Leeds.
Annual Report, 1887-88.
- The British Association for the Advancement of Science,
London.
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- The Entomological Society, London.
Transactions, 1887, parts 4, 5; 1888, parts 1-4.
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Quarterly Journal, vol. xlv.
List of Fellows of the Society, 1888.
- The Linnean Society, London.
Transactions (Botany), ser. 2, vol. ii., parts 10, 13-16; iii.,
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Journal (Zoology), vol. xx., nos. 119, 120; xxi., nos. 130, 131;
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General Index to Vols. i.-xx. (Botany).
List of Fellows, 1887-88, 1888-89.
- The County of Middlesex Natural History and Science
Society, London.
Transactions, Session 1887-88.
- The Quekett Microscopical Club, London.
Journal, ser. 2, vol. iii., nos. 21, 22.
- The Royal Agricultural Society of England, London.
Journal, ser. 2, vol. xxiv., parts 1, 2.
- The Royal Asiatic Society of Great Britain and Ireland,
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- The Royal Geographical Society, London.
Proceedings, vol. x.

The Royal Society, London.

Proceedings, vol. xliii., nos. 263-265; xliv., nos. 266-271.
 Philosophical Transactions, vol. clxxviii.
 List of Fellows, 1887.

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The Literary and Philosophical Society, Manchester.

Proceedings, vols. xxv., xxvi.
 Memoirs, ser. 3, vol. x.
 Memoirs and Proceedings, ser. 4, vol. i.

The Tyneside Naturalists' Field Club, Newcastle.

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

The Marine Biological Association, Plymouth.

Journal, no. 2.

**The Plymouth Institution and Devon and Cornwall
Natural-History Society, Plymouth.**

Annual Report and Transactions, vol. x., part 1.

The Royal Institution of Cornwall, Truro.

Journal, vol. ix., part 3.

The Yorkshire Philosophical Society, York.

Annual Report, 1887.

HOLLAND.**The Royal Academy of Sciences, Amsterdam.**

Verhandelingen (Natuurkunde), deel xxvi.
 Verslagen en Mededeelingen (Natuurkunde), derde reeks,
 deel. iii., iv; (Letterkunde), derde reeks, deel iv.
 Jaarboek, 1886, 1887.

The Dutch Society of Sciences, Haarlem.

Archives Néerlandaises, tome xxii., livr. 4, 5; xxiii., livr. 1.

The Entomological Society of the Netherlands, The Hague.

Tijdschrift voor Entomologie, deel xxxi., afl. 1, 2.

ITALY.

The National Central Library, Florence.

Bollettino, 1887, num. 48, 49, and Index; 1888, num. 50-73.

The Civic Museum of Natural History, Genoa.

Annali, ser. 2, vols. iii., iv.

The Italian Society of Natural Sciences, Milan.

Atti, vol. xxix., fasc. 1-4.

The Society of Naturalists, Naples.

Bollettino, ser. 1, vol. ii., fasc. 1.

The Zoological Station, Naples.

Mittheilungen, Band vii., Heft. 3, 4; viii., Heft. 1, 2.

The Royal Academy of the Lincei, Rome.

Rendiconti, vol. iii., sem. 2, fasc. 6-13; iv., sem. 1, fasc. 1-13
iv., sem. 2, fasc. 1-5.

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

Bollettino, nos. 33-48.

The Royal Academy of Sciences, Turin.

Atti, vol. xxiii., disp. 1-15.
Memorie, ser. 2, tome xxxviii.

JAPAN.

The Imperial University, Tōkyō.

Journal of the College of Science, vol. ii., parts 1-3.
Mittheilungen of the Medical Faculty, Band i., no. 2.
Calendar, 1887-88.

PORTUGAL.

The Royal Academy of Sciences, Lisbon.

Jornal, nos. xlvii., xlviii.

RUSSIA.

The Natural-History Society, Dorpat.

Sitzungsberichte, Band viii., Heft 2.

The Society of Sciences of Finland, Helsingfors.

Bidrag, haftet xlv.-xlvii.

Öfversigt, vols. xxviii., xxix.

Acta, tomus xv.

The Imperial Society of Naturalists, Moscow.

Bulletin, 1887, no. 4; 1888, nos. 1, 2.

The Society of Friends of Natural History, Anthropology,
and Ethnology, Moscow.Transactions, vol. xlvi., parts 1, 2; xlvii., parts 1, 2; xlviii.
part 1; xlix., parts 1-3; l., parts 1, 2; li., part 1; lii.,
parts 1-3.

The Royal Academy of Sciences, St. Petersburg.

Bulletin, tome xxxii., nos. 2-4

Mélanges Biologiques, tome xii., livr. 6.

Mémoires, 7^e série, tome xxxv., nos. 8-10; xxxvi., nos. 1-5.

The Russian Entomological Society, St. Petersburg.

Horæ, tomes xxi., xxii.

SCANDINAVIA.

The Royal Danish Society of Sciences, Copenhagen.

Oversigt, 1887, nos. 2, 3; 1888, no. 1.

Mémoires, 6^e sér., vol. iv., nos. 4-7.

The Royal Swedish Academy of Sciences, Stockholm.

Handlingar, N. F., band. xx., xxi., and Atlas.

Bihang, band. ix., x., xi.

Öfversigt, årg. xli.-xliv.

Lefnadsteckningar, band. ii., häfte 3.

Fortneckning, Skrifter 1826-83.

The Tromsö Museum, Tromsö.

Aarsberetning 1886, 1887.

Aarshefter 1, 5-8, 10, 11.

SPAIN.

The Royal Academy of Sciences, Madrid.

Anuario 1888.

Memorias, tomo xii. ; xiii., parte 1.

Revista, tomo xxii., no. 4.

The Spanish Natural-History Society, Madrid.

Anales, tomo xvi., cuad. 3 ; xvii., cuad. 1, 2.

SWITZERLAND.

The Physical and Natural-History Society, Geneva.

Mémoires, tome xxix., part 2.

The Vaudois Society of Sciences, Lausanne.

Bulletin, 3^e série, vol. xxiii., no. 97 ; xxiv., no. 98.

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 ‘Archiv für Naturgeschichte’ ; the Editors of the ‘Athenæum’ ; the Trustees of the Australian Museum ; Prof. J. V. Barboza du Bocage ; Dr. R. Blasius ; Dr. W. Blasius ; Rev. L. Blomefield ; Dr. O. Boettger ; the Trustees of the British Museum ; the Geological and Natural History Survey of Canada ; Prof. G. Canestrini ; the Trustees of the Colombo Museum ; Prof. E. D. Cope ; the Great Eastern Railway Company ; Prof. C. Gegenbaur ; Prof. H. H. Giglioli ; J. G. Goodchild, Esq. ; Prof. G. Brown Goode ; Dr. H. J. Hansen ; the Hon. Miss Rose E. Hubbard ; the Geological Survey of India ; the India Office ; the Trustees of the Indian Museum ; the Royal College of Surgeons of Ireland ; the Zoological Society of Ireland ; the Editors of the ‘Journal de Conchyliologie’ ; M. Fernand Lataste ; R. T. Litton, Esq. ; Dr. M. Menzbier ; Dr. A. B. Meyer ; Prof. K. Möbius ; Dr. James Murie ; the Editors of ‘The Naturalist’ ; the Editors of ‘Nature’ ; Prof. A. Newton ; the New York State Library ; the Colonial Museum and Geological Survey of New Zealand ; Dr. F. C. Noll ; the Nottingham Naturalists’ Society ; Prof. H. A. Pagenstecher ; Dr. Paul Pelsener ; the Zoological Society of Philadelphia ; M. E. L.

Ragonot; the Trustees of the Salford Museum; Count T. Salvadori; Dr. Carl Schmidt; P. L. Sclater, Esq.; Dr. R. W. Shufeldt; Mrs. Stirling; the Royal Swedish Academy of Sciences, Stockholm; Lewis R. S. Tomalin, Esq.; the United States Commission of Fish and Fisheries; the United States Geological Survey; the University College of London; and F. H. Waterhouse, Esq.

III. GARDENS, REGENT'S PARK.

1. WORKS AND REPAIRS.

As has been already mentioned, the Council, in view of the financial economy necessary to be observed under present circumstances, deemed it necessary to restrict to a certain degree the expenditure on works and repairs in the Gardens during the past year. Nevertheless the Society's staff of workmen, though somewhat reduced in numbers, was kept busily employed throughout the year, and a large number of repairs and renewals were carried out. Opportunity was taken of the change of tenancy in the Refreshment-rooms to thoroughly paint, repair, and redecorate the main Refreshment-building, both inside and out, besides which the roof was repaired, and the drains restored to perfect order.

The Hyænas' and Bears' dens were thoroughly cleaned, repaired, and painted, as were likewise the adjoining Bear-pit and Polar-Bears' den; the lobby of the New Reptile-house was painted and distempered; the walks near the Camel-house and Band-stand were altered, and a large new mound constructed and planted; the smaller Seal-Pond was altered and improved; the Eagle Aviary was thoroughly repaired and painted; and numerous other smaller repairs were carried out. Besides this, during the autumn a large quantity of ballast was burnt, formed by the clay removed from the bank at the back of the Reptile-house, and much valuable material was thus acquired at a moderate cost for the repairs of the roads and paths.

2. STAFF.

The permanent Staff of the Society's Gardens consists of:—

- 1 Superintendent.
- 1 Assistant Superintendent.
- 1 Head Keeper.
- 7 Keepers (1st class).
- 9 Keepers (2nd class).
- 8 Keepers (3rd class).
- 3 Money-takers.
- 1 Storekeeper.
- 1 Cook.
- 1 Office Clerk.
- 1 Prosector's Assistant.
- 1 Head Gardener.

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Besides these there are usually 19 Helpers in the Menagerie, 12 Garden-labourers, 7 Artisans, 5 Painters, 6 Labourers, 1 Butcher, 2 Firemen, 2 Night-Watchmen, and 1 Time-keeper employed at weekly wages; so that the number of the whole staff may be reckoned at about ninety persons.

3. VISITORS.

The Council are pleased to be able to point out a considerable increase in the number of visitors to the Society's Gardens in 1888. As will be seen by the subjoined Table, this increase has taken place under every one of the heads into which the entrances to the Gardens are divided for the purpose of registration.

Visitors to the Gardens.

	1888.	1887.	Comparison.	
Fellows and Friends	176,609	176,401	Incr. 208	
Paying {	On ordinary days at 1s. each...	123,746	119,325	Incr. 4,421
	On Mondays and other days	232,012	206,825	Incr. 25,187
	at 6d. each			
Children under 12 years at 6d. each	49,021	38,631	Incr. 10,390	
School Children (admitted free)	27,014	21,716	Incr. 5,298	
	608,402	562,898	Incr. 45,504	

The subjoined Table contains a statement of the Number of Visitors to the Society's Gardens during each year, from the year 1828 to the year 1888.

Number of Visitors to the Gardens, 1828-88.

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

* 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 (Mr. F. E. Beddard) reports as follows:—

The number of deaths in the Society's Menagerie during the year 1888 was 948, showing a small increase (23) over the deaths of the year 1887.

The number of deaths for the year which can be considered as important was not large. A young Polar Bear, which was acquired in April 1887, died in January 1888; its companion, purchased at the same time, had to be killed in consequence of its diseased condition.

The following deaths also occurred:—Two Leopards; a female Pygmy Hog, which was purchased in May 1882, and had therefore lived six years in the Gardens; two Secretary Vultures; a Spectacled Bear, which had lived fourteen years in the Society's Gardens, having been purchased in 1874; a Rhinoceros (*Rh. sumatrensis*), one of a pair which were purchased by the Society in 1885. Both of the latter were dissected by the Prosector and Mr. Treves; and an account of their anatomy has already been communicated to the Society, and will appear in the 'Proceedings' for 1889.

The following papers, based on work done in the Prosector's Laboratory, are among those which have been prepared by the Prosector during the past year:—"On certain points in the Visceral Anatomy of the Lacertilia;" "Notes on the Visceral Anatomy of Birds, part ii.;" and "On certain points in the Visceral Anatomy of *Balaeniceps rex*, bearing upon its Affinities."

Some of the materials in the Prosector's Department have been utilized by other workers, and others have been applied to Museum purposes.

Professor Flower (Natural History Museum), Mr. Beddard (Guy's Hospital Museum), Mr. W. L. Sclater (Indian Museum, Calcutta), Professor D'Arcy Thompson (University College, Dundee), Professor Stewart (Royal College of Surgeons Museum), and Professor Macintosh (St. Andrew's University) have acquired specimens for Museum purposes.

The following gentlemen have been supplied with materials for the purposes of research:—Professor W. K. Parker, Professor Ferrier, Dr. J. Bland Sutton, Professor Max Weber, and Professor Windle.

5. ZOOLOGICAL LECTURES.

The arrangements for the Davis Lectures on zoological subjects for the present year are as follows :—

A course of six Lectures will be delivered in the Lecture-room in the Society's Gardens, Regent's Park, on Thursdays, at 5 P.M., commencing May 2nd, by Mr. F. E. Beddard, M.A., Prosector to the Society and Davis Lecturer. *Subject*: SOME OF THE MORE INTERESTING ANIMALS IN THE SOCIETY'S COLLECTION.

The Fee for the Course (including admission to the Gardens on the days of Lecture) is 5s. The Course is free to Fellows of the Society. Tickets for it may be obtained from Mr. F. E. Beddard, Zoological Society's Gardens, Regent's Park, N.W.

6. MENAGERIE.

a. *Additions to the Menagerie in 1888.*

The number of animals belonging to the first three classes of Vertebrates living in the Society's Menagerie at the close of 1888 was 2290. The corresponding number on the 31st of December, 1887, was 2525, as will be seen by the subjoined Table :—

	December 31.		Comparison.
	1888.	1887.	
Quadrupeds.....	666	735	Decr. 69
Birds	1280	1331	Decr. 51
Reptiles	344	459	Decr. 115
	2290	2525	Decr. 235

The total number of registered additions to the Menagerie in 1888 was 1121, of which 572 were acquired by presentation, 143 by purchase, 158 were bred in the Gardens, 216 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

The following is a list of the most noticeable additions made to the Menagerie during the year 1888:—

1. Four examples of a small and very beautiful Finch (*Erythrura psittacea*) from New Caledonia, purchased.
2. Five examples of a fine Pheasant (*Phasianus principalis*) from Akcha, in Afghan-Turkestan, presented by Major Peacock, R.E., of the Afghan Frontier Commission; new to the Collection.
3. Two Penguins from the Auckland Islands, presented by Capt. Sutcliff, R.M.S.S. 'Aorangi,' 19th April.
4. Two Indian Desert-Foxes (*Vulpes leucopus*), presented by Col. Alex. A. A. Kinloch, F.Z.S., and received 20th April. These Foxes form an acceptable addition to the series of Canidæ in the Society's Collection.
5. A fine example of the Spotted Hawk-Eagle (*Spizaëtus nipalensis*) of Northern India, also presented by Col. Kinloch, and new to the Society's Collection.
6. Three specimens of Pallas's Sand-Grouse (*Syrrhaptes paradoxus*), captured out of the many flocks of this Asiatic bird that have lately visited the British Islands. One of these (received June 2nd) was taken near Berwick-on-Tweed, and presented by Mr. Howat Crane; the two others were obtained on the Island of Tiree, Argyllshire, and presented (June 16th) by Col. Irby, F.Z.S., and Capt. Saville Reid, F.Z.S.
7. A specimen of the Small-clawed Otter (*Lutra leptonyx*), presented by W. L. Sclater, Esq., F.Z.S., Deputy Superintendent, Indian Museum, Calcutta; new to the Society's Collection.
8. A Monkey of the genus *Cercopithecus*, from South Africa, apparently referable to the Samango Monkey (*Cercopithecus samango*); new to the Society's Collection.
9. A young Chimpanzee, purchased of Mr. Cross of Liverpool, December 6th. This is apparently of the same species as the

specimen purchased October 24th, 1883 (see P. Z. S. 1883, p. 464, and 1885, p. 673, pl. xli.), which is still living in the Society's Gardens, and is, so far as can be at present ascertained, referable to the Bald-headed Chimpanzee, *Anthropopithecus calvus* (Du Chaillu).

b. *List of Species new to the Collection exhibited during the year 1888.*

The following list contains the specimens exhibited in 1888 which are referable to species not included in the last (ninth) edition of the List of Animals.

i. MAMMALS.

- 24a. *Cercopithecus samango*, Sundevall. Samango Monkey.
Hab. South Africa.
 a. Presented by L. B. Lewis, Esq., Nov. 13, 1888. See P. Z. S. 1888, p. 564.
- 77 a. *Cebus versicolor*, Puch. Varied Capuchin.
Hab. Colombia.
 a. Male. Purchased, Feb. 19, 1887.
 b. Presented by H. B. Whitmarsh, Esq., July 11, 1888.
- 270a. *Lutra leptonyx*, Horsf. Small-clawed Otter.
Hab. India.
 a. Presented by W. L. Sclater, Esq., F.Z.S., Nov. 10, 1888. See P. Z. S. 1888, p. 564.
- 338a. *Sciurus pusillus*, Geoffr. Dwarf Squirrel.
Hab. British Guiana.
 a, b. Presented by R. Forrester Daly, Esq., May 30, 1888. From Demerara.
- 646a. *Macropus ocydromus*, Gould. West Australian Great Kangaroo.
Hab. West Australia.
 a. Male. Received in exchange, June 6, 1888.

ii. BIRDS.

- 170a. *Erythrura psittacea* (Gm.). Parrot Finch.
Hab. New Caledonia.
a-d. Purchased, Feb. 15, 1888. See P. Z. S. 1888,
 p. 140.
- 244a. *Montifringilla nivalis* (Linn.). Snow-Finch.
Hab. Europe.
a, b. Presented by Lord Lilford, F.Z.S., Jan. 17, 1888.
- 724a. *Scops lempiji* (Horsf.). Horsfield's Scops-Owl.
Hab. Malacca.
a. Presented by C. B. Ricketts, Esq., F.Z.S., June 6,
 1888.
- 737a. *Surnia ulula* (Linn.). European Hawk-Owl.
Hab. Northern Europe.
a. Presented by Lord Lilford, F.Z.S., Dec. 13, 1888.
 From Russian Finland.
- 789a. *Spizaëtus nipalensis* (Hodgs.). Spotted Hawk-
 Eagle.
Hab. Northern India.
a. Presented by Col. Alex. A. A. Kinloch, F.Z.S.,
 April 20, 1888. See P. Z. S. 1888, p. 265.
- 824a. *Tinnunculus gracilis* (Less.). Slender Kestrel.
Hab. Seychelles.
a, b. Deposited, May 25, 1888.
- 902a. *Botaurus lentiginosus* (Mont.). American Bittern.
Hab. North America.
a, b. Presented by J. B. Williams, Esq., Nov. 13, 1888.
- 1051a. *Columba bollii*, Godman. Bolle's Pigeon.
Hab. Teneriffe.
a-e. Deposited, June 21, 1888.

1146a. *Francolinus nudicollis* (Gm.). Bare-necked
Francolin.

Hab. South Africa.

a, b. Males; *c-e.* Females. Presented by Capt. Larmer,
Oct. 10, 1888.

1189a. *Phasianus principalis*, Sclater. Prince of Wales'
Pheasant.

Hab. Northern Afghanistan.

a, b. Males; *c-e.* Females. Presented by Major Peacock,
R.E., Feb. 27, 1888. See P. Z. S. 1888, p. 140.

1420a. *Eudyptes sclateri*, Buller. Sclater's Penguin.

Hab. Auckland Islands, New Zealand.

a, b. Presented by Capt. Sutcliffe, R.M.S.S. 'Aorangi,'
April 19, 1888. See P. Z. S. 1888, p. 265, and
1889, p. 84.

iii. REPTILES.

19a. *Homopus femoralis*, Boulenger. Tuberculated Tor-
toise.

Hab. South Africa.

a-c. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Feb.
27, 1888. See P. Z. S. 1888, p. 251, pl. xiv.

24a. *Pyxis arachnoides*, Bell. Pyxis Tortoise.

Hab. Madagascar.

a. Presented by Col. J. H. Bowker, F.Z.S., Dec. 24,
1888. From Natal.

67a. *Sternothærus sinuatus*, Smith. Natal Sternothere.

Hab. Natal.

a. Presented by Col. J. H. Bowker, F.Z.S., Feb. 27,
1888.

104a. *Phyllodactylus porphyreus* (Daud.). Purplish Gecko.

Hab. South Africa.

a. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., May 30,
1888.

- 165 a. *Anolis carolinensis*, Dum. & Bibr. Caroline Anolis.
Hab. North America.
 a, b. Presented by H. E. T. Glover, Esq., July 9, 1888.
- 238 a. *Pituophis vertebralis* (Blainville). Black-marked Snake.
Hab. Mexico.
 a. Presented by Jeremiah Garnett, Esq., July 23, 1888.
- 255 a. *Cyclophis æstivus* (Linn.). Summer Snake.
Hab. Florida.
 a. Presented by H. E. T. Glover, Esq., July 9, 1888.
- 260 a. *Dromicus leucomelas*, Duméril. Black-and-White Snake.
Hab. Dominica, W.I.
 a. Presented by the West-Indian Natural History Exploration Committee, July 10, 1888.
- 272 a. *Dipsas obtusa* (Reuss). Blunt-nosed Snake.
Hab. Egypt.
 a. Presented by Capt. W. G. Burrows, Jan. 25, 1888.

iv. BATRACHIANS.

- 4 b. *Rana fuscigula*, Dum. & Bibr. Brown-throated Frog.
Hab. South Africa.
 a-e. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Feb. 27, 1888.
- 4 c. *Rana grayi*, Smith. Gray's Frog.
Hab. South Africa.
 a-e. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., May 30, 1888.
- 14 a. *Bufo boreas*, Baird & Gir. Californian Toad.
Hab. California.
 a. Presented by D. E. Cardinall, Esq., Nov. 22, 1888.

26a. *Hylodes martinicensis*, Tschudi. Martinican Tree-Frog.

Hab. Martinique, W.I.

a-f. Presented by Capt. Woolward, July 23, 1888. From Barbados.

39a. *Molge poireti* (Gervais). Poiret's Newt.

Hab. Algeria.

a. Male; *b.* Female. Presented by G. A. Boulenger, Esq., F.Z.S., April 4, 1888.

c. List of Animals bred in the Gardens during the year 1888.

MAMMALS.

- 2 Black Lemurs (*Lemur macaco*).
- 1 White-fronted Lemur (*Lemur albifrons*).
- 1 Puma (*Felis concolor*).
- 9 Suricates (*Suricata tetradactyla*).
- 4 Esquimaux Dogs (*Canis familiaris*).
- 2 North-African Jackals (*Canis anthus*).
- 7 Collared Fruit-Bats (*Cynonycteris collaris*).
- 4 Canadian Beavers (*Castor canadensis*).
- 4 Long-fronted Gerbilles (*Gerbillus longifrons*).
- 5 Chinchilla (*Chinchilla lanigera*).
- 2 Viscachas (*Lagostomus trichodactylus*).
- 1 Spotted Cavy (*Cælogenys paca*).
- 1 American Bison (*Bison americanus*).
- 1 Gayal (*Bibos frontalis*).
- 1 Eland (*Oreas canna*).
- 2 Persian Gazelles (*Gazella subgutturosa*).
- 1 Thar (*Capra jemlaica*).
- 1 Burrhel Wild Sheep (*Ovis burrhel*).
- 1 Barbary Wild Sheep (*Ovis tragelaphus*).
- 2 Wapiti Deer (*Cervus canadensis*).
- 3 Japanese Deer (*Cervus sika*).
- 1 Sambur Deer (*Cervus aristotelis*).
- 2 Hog Deer (*Cervus porcinus*).
- 1 Molucca Deer (*Cervus moluccensis*).
- 1 Axis Deer (*Cervus axis*).
- 4 Mule Deer (*Cervus macrotis*).

- 2 Vulpine Phalangers (*Phalangista vulpina*).
- 3 Red Kangaroos (*Macropus rufus*).
- 1 Great Kangaroo (*Macropus giganteus*).
- 2 Bennett's Wallabies (*Halmaturus bennetti*).
- 2 Yellow-footed Rock-Kangaroos (*Petrogale xanthopus*).

BIRDS.

- 3 Chinese Blue Magpies (*Cyanopoliis cyanus*).
- 4 Cereopsis Geese (*Cereopsis novæ-hollandiæ*).
- 2 Australian Wild Duck (*Anas superciliosa*).
- 3 Slender Ducks (*Anas gibberifrons*).
- 5 Brazilian Teal (*Querquedula brasiliensis*).
- 17 Chilian Pintail (*Dafila spinicauda*).
- 3 Chiloe Wigeon (*Mareca chiloensis*).
- 3 Summer Ducks (*Æx sponsa*).
- 3 Mandarin Ducks (*Æx galericulata*).
- 1 Bolle's Pigeon (*Columba bollii*).
- 5 Triangular-spotted Pigeons (*Columba guinea*).
- 4 Cambayan Turtle-Doves (*Turtur senegalensis*).
- 1 Crested Pigeon (*Ocyphaps lophotes*).
- 3 Gold Pheasants (*Thaumalea picta*).
- 2 Brazilian Cariamas (*Cariama cristata*).
- 1 Yellow-legged Herring-Gull (*Larus cachinnans*).
- 1 Spotted Tinamou (*Nothura maculosa*).

REPTILES.

- 1 Æsculapian Snake (*Coluber æsculapii*).
- 21 Horrid Rattlesnakes (*Crotalus horridus*).

d. *List of Donors and their Donations for the year 1888.*

- Her Majesty the Queen.
Five Peafowls.
- Allchin, F. A., Esq.
Two Long-eared Bats.
- Allen, A., Esq.
One Moustache Monkey.
- Anderson, G., Esq.
One Mexican Deer.

- Arbib, Mrs. Eugenio.
One Gazelle.
- Armstrong, R. H., Esq.
One Peregrine Falcon.
- Austin, Mr. T.
One Common Kestrel.
- Ayerst, W. E., Esq.
One Cardinal Grosbeak.
- Ballard, Mrs. A.
One Macaque Monkey.
- Barlow, Capt. J. Brabazon.
Two Poë Honey-eaters.
- Barry, J. Wolfe, Esq.
One Lesser Sulphur-crested Cockatoo.
- Batchelor, Dr. A., F.R.C.P.
One Kinkajou.
- Bateman, C. J., Esq.
One Brazilian Tree-Porcupine.
- Bates, E. Percy, Esq.
One Ocelot.
- Baumann, Miss Hilda.
One Malbrouck Monkey.
- Baxter, J. G., Esq.
Twelve Black-headed Gulls, one Common Gull.
- Bell, J. W., Esq.
One Ring-tailed Coati.
- Bennett, R. F., Esq.
Six Guinea-Pigs.
- Bergman, Mrs.
One Common Teal.
- Berry, G., Esq.
One Common Chameleon.
- Bibby, Mr.
One Little Grebe.
- Biehl, John, Esq.
Four Barbary Turtle-Doves.
- Blaker, W. C., Esq.
One Smooth Snake.
- Blandford, H. E., Esq.
One Tuberculated Iguana.
- Blow, Miss Helena.
One Vervet Monkey.
- Boles, F. J. Coleridge, Esq.
Two American Wild Turkeys.

- Bone, Miss Jessie.
One Rhesus Monkey.
- Bonneville, Capt. J.
Three Black-headed Lemurs.
- Boon, Dr. A., F.R.C.S., C.M.Z.S.
One Laughing Gull.
- Booth, Charles, Esq.
One Scarlet Ibis, one Roseate Spoonbill.
- Boulenger, G. A., Esq., F.Z.S.
Two Poiret's Newts, one Black Salamander.
- Bourne, G. C., Esq.
Sea-Anemones and Corals.
- Bowker, Col. J. H., F.Z.S.
One Natal Sternothere, one Pyxis Tortoise.
- Brane, R. H., Esq.
One Maugé's Dasyure.
- Bromley, Hugh, Esq.
One Common Barn-Owl.
- Brown, —, Esq., M.I.C.E.
One Hygian Snake.
- Bryden, Miss Maud.
One Common Marmoset.
- Buchanan, Mrs. G. E.
One Macaque Monkey.
- Buck, Sir E. C., C.M.Z.S.
One Tiger.
- Buckle, Major Dudley, R.A.
One Rhesus Monkey.
- Buckley, Mrs. Maas.
Two Laughing Kingfishers.
- Bunn, Mr. Howard.
One Little Grebe.
- Burrows, Capt. W. G.
Three Egyptian Cobras, three Cerastes Vipers, two
Hissing Sand-Snakes, one Clifford's Snake, one
Egyptian Goose, one Blunt-nosed Snake.
- Butler, H., Esq.
One Laughing Kingfisher.
- Cameron, E. S., Esq.
Eight Wild Geese, one White-fronted Goose, one
Herring-Gull.
- Campbell, Lord Archibald.
One Grivet Monkey.

- Cardinall, D. E., Esq.
One Californian Toad.
- Carr, Sydney H., Esq.
One African Buzzard.
- Chester, Miss.
One Macaque Monkey.
- Cholmondeley, The Marchioness of.
One Herring-Gull.
- Christian, Capt.
One Common Quail.
- Clifton, Charles, Esq., F.Z.S.
One Black-backed Piping Crow, one Common Magpie, two Himalayan Monauls, two Gold Pheasants, two Silver Pheasants, one Javan Peafowl, two Common Peafowl, one Rose-crested Cockatoo, two Leadbeater's Cockatoos, one Hyacinthine Macaw, one Blue-and-Yellow Macaw, one Great Eagle-Owl, four Common Herons, two Mandarin Ducks.
- Clow, Austin, Esq., F.Z.S.
One Bonnet-Monkey, two Rhesus Monkeys, one Alpine Marmot, one Vulpine Phalanger.
- Cobb, F. E., Esq., C.M.Z.S.
Two Crested Ducks.
- Cobb, Miss Ethel.
One Short-eared Owl.
- Cole, Martin J., Esq.
One Purple-faced Monkey.
- Cook, G. E. Pugh, Esq.
One Pudu Deer.
- Cooper, Leonard, Esq.
Three Black Tortoises.
- Cotton, Thomas A., Esq.
Two Black-headed Gulls, two Herring-Gulls.
- Crane, H. Howat, Esq.
One Pallas's Sand-Grouse.
- Creser, A., Esq.
One Grey Ichneumon.
- Crisp, J., Esq.
One Common Otter.
- Currie, Sir Donald, K.C.M.G., M.P.
One Cape Crowned Crane.
- Daly, R. Forrester, Esq.
Two Dwarf Squirrels.

- Davison, J., Esq.
Two Peregrine Falcons.
- Dawson, Lieut. W. G.
Two Stock-Doves.
- Dean, Mrs.
One Indian Kite.
- Deintje, J. A., Esq.
Three Black-eared Marmosets.
- Delacherois, Capt. D. L.
One Silvery Gibbon.
- Dennehy, Dr. T.
One Nose-crested Iguana.
- Dodington, R. M., Esq.
One Brown Capuchin.
- Donaldson, Lady.
One Axis Deer.
- Drew, J. M., Esq., F.Z.S.
One Puffin.
- Duncan, J., Esq.
One Pallas's Sand-Grouse.
- Dunn, A., Esq.
One White-collared Mangabey.
- Eagles, Capt. H. C., R.M.L.I.
One Japanese Deer.
- Eagles, F. Harston, Esq.
One Common Roe.
- Ellacott, Mr. C. W.
Two Pig-tailed Monkeys.
- Eve, Miss.
One Rose-crested Cockatoo.
- Exton, Hugh, Esq., M.D., F.G.S.
One Meyer's Parrot.
- Faulkner, Mr. Charles.
One Hawfinch.
- Felton, E., Esq., R.E.
Two Sooty Mangabeys.
- Field, L., Esq.
One Common Boa.
- Finch-Hatton, The Hon. Stormont.
Two Cockateels, two Pale-headed Parrakeets, one
Red-winged Parrakeet, eight Peaceful Doves.
- Fishlock, Mrs.
One Bare-eyed Cockatoo.

- Fisk, The Rev. G. H. R., C.M.Z.S.
 One Spotted Eagle-Owl, five Angulated Tortoises,
 three Tuberculated Tortoises, four Narrow-headed
 Toads, one Tent Tortoise, one Fisk's Tortoise, three
 Galeated Pentonyx, one Infernal Snake, one Rufous
 Snake, one Rufescent Snake, one Spotted Slowworm,
 five Round-throated Frogs, one Dwarf Chameleon, one
 Purplish Gecko, one Hoary Snake, five Gray's Frogs,
 twelve Robben-Island Snakes.
- Ford, Mr. William.
 One Starred Tortoise.
- Forwood, Mrs. Ernest H.
 One Imperial Eagle.
- Forwood, E. H., Esq.
 One Barbary Wild Sheep.
- Frank, Miss Edith.
 One Mona Monkey.
- Garnett, Jeremiah, Esq.
 One Black-marked Snake.
- Gilles, W. C., Esq.
 Two Fulmars.
- Gleig, Mrs.
 One Pig-tailed Monkey.
- Glover, H. E. T., Esq.
 Two Hog-nosed Snakes, one Summer Snake, two
 Caroline Anolises.
- Godden, F., Esq.
 One Pike.
- Goodwin, Mr. H.
 Seven Bream.
- Gosling, G. C., Esq.
 One Bonnet-Monkey.
- Green, Sir W. Kirby, K.C.M.G.
 Two Black-bellied Sand-Grouse.
- Griffith, W. Blandford, Esq.
 One Lesser White-nosed Monkey.
- Haddon, Mr.
 One Smooth-headed Capuchin.
- Hall, R., Esq.
 One White-backed Piping Crow.
- Hanauer, H., Esq., F.Z.S.
 One Lesser Kestrel.
- Hanbury, Lionel, Esq., F.Z.S.
 One Long-fronted Gerbille, one Bonnet-Monkey.

- Hankey, H. A., Esq.
One Swainson's Lorikeet.
- Hart, E., Esq., F.Z.S.
Two Common Barn-Owls, one Common Guillemot,
one Common Kingfisher.
- Hawkshaw, J. Clarke, Esq., F.Z.S.
Two Burrowing Owls.
- Hayes, Miss.
One Blue-fronted Amazon.
- Hele, N. F., Esq.
One Salt-water Terrapin.
- Hepworth, Lieut. C. M., R.N.R.
Three Derbyan Wallabies.
- Hibbert, Capt. R. F.
One Rhesus Monkey.
- Hodge, David S., Esq.
Two Australian Waxbills, seven Spotted-sided Finches.
- Hodson, Mrs. Ellen.
Two Toque Monkeys.
- Holden, Mrs.
One Green Monkey.
- Hoogerduyn, Mr. J.
One Avocet.
- Hopson, J., Esq.
One Eyed Lizard.
- Hoste, Capt. H. F.
Two White-necked Crows, two Spotted Eagle-Owls.
- Hughes, Miss D.
One Bonnet-Monkey.
- Hunter, Richard, Esq.
Two Common Peafowl.
- Hutchinson, P. S., Esq.
One Common Snake, one Common Slowworm.
- Huthwaite, Mrs.
One Herring-Gull.
- Irby, Col., F.Z.S., and Capt. Savile Reid, F.Z.S.
Two Pallas's Sand-Grouse.
- Johnson, G. M., Esq.
One White-headed Sea-Eagle.
- Johnston, H. H., Esq., F.Z.S.
One White-thighed Colobus, one Campbell's Monkey,
one White-collared Mangabey, one Bosman's Potto,
one Marabou Stork, one Black Sternothera.

- Jones, W. A. W., Esq.
One Common Kestrel.
- Kent, Capt. A.
One Egyptian Vulture.
- King, Surgeon-Major W. G.
Three Palm-Squirrels.
- Kinloch, Col. Alex. A. A., F.Z.S.
One Indian Wolf, two Indian Desert-Foxes, one
Spotted Hawk-Eagle.
- Kirdy, J. M., Esq.
Two Vulpine Phalangers.
- Knott, Reginald S., Esq.
One Rhesus Monkey.
- Kornatski, Mrs. M. von.
One Larger Hill-Mynah.
- Kyrke, R. H. Venables, Esq.
Two White-tailed Sea-Eagles.
- Lankester, Prof. E. Ray, F.R.S., F.Z.S.
One Greater Black-backed Gull.
- Larmer, Capt.
Five Bare-necked Francolins.
- Lediard, Mrs. E. A.
One White-fronted Capuchin.
- Leighton, Mrs.
One Common Marmoset.
- Lemberg, Philip, Esq.
Two Common Genets.
- Levy, Master Lewis.
One Patas Monkey.
- Levy, Miss Ethel.
Two West-African Love-Birds.
- Lewis, L. B., Esq.
One Samango Monkey.
- Lilford, The Lord, F.Z.S.
One Common Genet, four Alpine Accentors, one
European Hawk-Owl, two Snow-Finches.
- Lindsay, Mr. H.
One Weka Rail.
- Lister, Dr. C. E.
One Sulphur-and-white-breasted Toucan.
- Lloyd, Mrs. Fanny.
Two Californian Quails.
- Lockwood, Alfred J., Esq.
Two Common Chameleons.

- McCall, Archibald, Esq.
Two Loggerhead Ducks.
- Macnab, Mrs.
Three Grey-breasted Parrakeets.
- Manger, W. T., Esq.
One Hawk's-billed Turtle.
- Mare, Mrs. J. de la.
One Roseate Cockatoo.
- Marr, Capt. John.
Two Short-eared Owls.
- Marsh, Prof. O. C., C.M.Z.S.
Two American Box-Tortoises, two Alligator Terrapins, one Speckled Terrapin, four Sculptured Terrapins.
- Matveieff, Mrs.
One Chipping Squirrel.
- Meade-Waldo, E. G., Esq.
One Smooth Snake.
- Melville, The Hon. N. L.
One Orange-winged Amazon.
- Merryweather, W., Esq.
One Pig-tailed Monkey.
- Miles, Mr. George.
One Squirrel-Monkey.
- Millard, Michel, Esq.
One Alligator.
- Miller, Capt. W.
One Axis Deer.
- Mitford, R. H., Esq.
One Cape Dove, one Tambourine Pigeon.
- Montgomery, Percy, Esq.
One Indian Civet.
- Morce, G. D., Esq.
One Brazilian Hangnest.
- Naylor-Leyland, H. S., Esq., F.Z.S.
One Himalayan Bear.
- Nelson, T. H., Esq.
One Razorbill.
- Nicholls, Dr. H. A. A., C.M.Z.S.
Seven Slender-fingered Frogs.
- Nicholls, W., Esq.
One Crested Grebe.
- Nicholson, Mr. C. L.
Two Slowworms.

- Norman, W., Esq.
One Bonnet-Monkey.
- Oates, H. C., Esq.
One Rhesus Monkey.
- Ogg, Mr. G. P.
Two Philippine Paradoxures.
- Oldham, F. M., Esq.
One Common Viper.
- Palmer, Mrs. Alfred.
One Blue-and-Yellow Macaw.
- Parker, A. B., Esq.
One Macaque Monkey.
- Paul & Co., Messrs.
One Asp Viper.
- Payne, Mr. G. J.
One Water-Rail.
- Peacock, Major, R.E.
Five Prince of Wales's Pheasants.
- Petrywalski, Mr. C.
One Raven.
- Philp, Capt.
One Brush-tailed Kangaroo, one Laughing Kingfisher.
- Pichot, Mons. P. A., C.M.Z.S.
Two Hobbies.
- Pierce, Miss.
Two Naked-footed Owlets.
- Pilkington, Mr. F. W.
One Slowworm.
- Pollard, Mrs. J. H.
One Tayra.
- Pollock, Miss B.
One Black-eared Marmoset.
- Pope, Miss Kate Marion.
One Rhesus Monkey.
- Pusey, Capt. E. B., R.N., F.Z.S.
Two Striped Hyænas.
- Ralph, Master Lester.
One Feline Douroucouli.
- Reed, Master William.
One European Pond-Tortoise.
- Reid, Capt. Savile, F.Z.S., and Col. Irby, F.Z.S.
Two Pallas's Sand-Grouse.

- Richardson, The Rev. C. H.
One Drill Baboon.
- Rickards, Mrs.
One Gannet, one Greater Black-backed Gull.
- Ricketts, C. B., Esq., F.Z.S.
One Pagoda Owl, one Horsfield's Scops-Owl.
- Robertson, Alexander, Esq.
One Small Hill-Mynah.
- Rodger, J. P., Esq.
One Binturong.
- Roper, F. C. S., Esq., F.Z.S.
One Spotted Salamander.
- Rose, F., Jun., Esq.
One Brazilian Cariama.
- Ruck, G. A., Esq.
One Alligator.
- Rutherford, Miss A.
One Grey Ichneumon.
- St. John, Col. Sir Oliver B. C., K.C.S.I., F.Z.S.
One Indian Desert-Fox.
- St. Quintin, W. H., Esq.
One Ortolan Bunting, two Common Quails.
- Slater, P. L., Esq., F.R.S., F.Z.S.
Two Æsculapian Snakes.
- Slater, W. L., Esq., F.Z.S.
Two Spotted Ichneumons, one Small-clawed Otter,
one Bengalese Cat.
- Scott, The Rev. F. T.
Three Common Partridges.
- Sentenally, Mr. Robert.
One Ring-tailed Coati.
- Serrell, Miss.
One Gannet.
- Sexton, Master Howard.
One Horned Lizard.
- Shand, Harvey J. W., Esq., J.P.
One Indian Antelope.
- Shuter, W., Esq.
One Muscovy Duck.
- Skegg, Mr. G.
One Sparrow-Hawk.
- Slater, The Rev. H. H., F.Z.S.
One Common Sheldrake.

- Slowly, Mr.
One Gannet.
- Smith, Miss Felix.
One Macaque Monkey.
- Smith, F. D. Lea, Esq., F.Z.S.
One Common Polecat.
- Smith, Capt. J.
One Peregrine Falcon, one Coati.
- Smith, Mr. A. H. N.
One Common Viper.
- Smith, F. C., Esq.
One Common Viper.
- Somerford, Mr. George.
One Rhesus Monkey.
- Sommer, Capt. J.
One Hawk's-billed Turtle.
- Spalding, Mr. R. B.
Two Corn-Crakes.
- Speedie, Alexander, Esq.
Two Pallas's Sand-Grouse.
- Stather, Mr. W. H.
Two Spotted Cavies.
- Steinhoff, F., Esq.
One Raven.
- Stevenson, G., Esq.
One Common Seal.
- Sturt, Col. C. S., C.M.Z.S.
One Common Viper.
- Sutcliff, Capt.
Two Sclater's Penguins.
- Taaffe, Anthony, Esq.
One Brazilian Tapir.
- Thompson, Lieut.-Col. Robert.
One Large Hill-Mynah.
- Thomson, Mrs. G. A.
Three Barred Doves.
- Tournay, W. T., Esq., F.Z.S.
Three Esquimaux Dogs.
- Tufnell, T. R., Esq.
One Brazilian Hangnest.
- Underwood, Mr.
One Common Chameleon.
- Upcher, H. M., Esq., F.Z.S.
One Fulmar.

- Urquhart, C. J., Esq.
One Common Raccoon.
- Warburg, J. C., Esq.
Eight Moorish Geckos, one Three-toed Chalcis.
- Warburg, Masters F. & O.
Two Moorish Geckos.
- Warrand, Mrs.
One Blue-and-Yellow Macaw.
- Waterman, Miss.
One Barbary Ape.
- Watson, R. Grant, Esq.
One Common Squirrel.
- Webster, Capt.
One African Civet Cat.
- Weetman, H., Esq., F.Z.S.
One Common Kestrel.
- Wells, Lieut. Lionel de Lautour, R.N.
One Black-backed Jackal, one Suricate.
- West-Indian (Natural History) Exploration Committee.
One Tuberculated Iguana, two Common Boas, one
Black-and-White Snake, one Fer de Lance.
- Weston, Mr. J.
One Tawny Owl.
- Whately, G. F., Esq., R.N.
Three Virginian Opossums.
- White, Herbert E., Esq., C.M.Z.S.
One Striped Hyæna, three Lacertine Snakes, two
Horseshoe Snakes, two Chameleons, one Puff-Adder,
one African Cobra.
- Whitmarsh, H. B., Esq.
One Varied Capuchin.
- Whymper, Charles, Esq., F.Z.S.
One Knot.
- Wilberforce, The Rev. Basil.
One Naked-footed Owlet.
- Wilkins, A. J., Esq.
One Nankeen Kestrel.
- Williams, E. A., Esq.
Two Sharp-nosed Crocodiles.
- Williams, L. A., Esq.
Six European Tree-Frogs.
- Williams, J. B., Esq.
Two American Bitterns.

- Wilson-Barker, D., Esq., R.N.R., F.Z.S.
 One Arabian Baboon, one Lesser Black-backed Gull.
- Wiltshire, Mr. J.
 One Bonnet-Monkey.
- Wisely, Mrs.
 Four Half-collared Doves.
- Witham, J., Esq.
 One Rhesus Monkey.
- Wolf, Lieut.-Col. R.
 One Grand Eclectus, one Red-sided Eclectus.
- Wond, Mrs.
 One Roseate Cockatoo.
- Woolward, Capt.
 Six Martinican Tree-Frogs.
- Worms, Baron Henry de, M.P., F.Z.S.
 Two Green Turtles.
- Yarrow, Mrs.
 One Blue-and-Yellow Macaw.
- Young, Master H. B.
 Two Squirrel-Monkeys.
- Young, J., Esq.
 One Nightingale.

Conclusion.

The Council cannot conclude their Report without acknowledging the assistance they have received from the Committee of Publication, upon whom is 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.

Signed (for the Council),

P. L. SCLATER,
Secretary.

3 Hanover Square, W., April 29th, 1889.

REPORT
OF THE
AUDITORS OF THE ACCOUNTS
OF THE
ZOOLOGICAL SOCIETY OF LONDON,
Appointed January 17, 1889.

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THE Committee of Auditors to the Zoological Society 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, 1888, 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 1888.

|                                              |                                         |        | £      | s. | d. |
|----------------------------------------------|-----------------------------------------|--------|--------|----|----|
| Balance brought from December 31, 1887 ..... |                                         |        | 1,158  | 1  | 0  |
| <b>INCOME.</b>                               |                                         |        |        |    |    |
|                                              |                                         |        | £      | s. | d. |
| 1885                                         | Publication Sales .....                 |        | 1      | 17 | 6  |
| 1887                                         | { Garden Sales .....                    | 55     | 18     | 10 |    |
|                                              | { Rent for Refreshment-Rooms .....      | 57     | 3      | 4  |    |
|                                              | { Rent for Freehold Premises.....       | 88     | 15     | 0  |    |
|                                              | { Admission Fees .....                  | 70     | 0      | 0  |    |
|                                              | { Subscriptions .....                   | 24     | 0      | 0  |    |
|                                              | { Publication Sales .....               | 133    | 16     | 10 |    |
|                                              | { Zoological Record Sales .....         | 11     | 0      | 0  |    |
|                                              |                                         |        | 440    | 14 | 0  |
| 1888                                         | { Admissions to Gardens .....           | 13,284 | 11     | 0  |    |
|                                              | { Riding Receipts.....                  | 685    | 10     | 5  |    |
|                                              | { Garden Sales .....                    | 467    | 3      | 8  |    |
|                                              | { Rent for Refreshment-Rooms .....      | 635    | 8      | 9  |    |
|                                              | { Rent for Rooms at Hanover Square...   | 194    | 8      | 0  |    |
|                                              | { Admission Fees .....                  | 470    | 0      | 0  |    |
|                                              | { Compositions .....                    | 870    | 0      | 0  |    |
|                                              | { Subscriptions .....                   | 5,685  | 0      | 0  |    |
|                                              | { Ivory Tickets .....                   | 16     | 16     | 0  |    |
|                                              | { Publication Subscriptions .....       | 517    | 13     | 0  |    |
|                                              | { Publication Sales .....               | 95     | 0      | 9  |    |
|                                              | { Zoological Record Subscriptions ..... | 213    | 3      | 0  |    |
|                                              | { Ditto ditto Sales .....               | 163    | 13     | 0  |    |
|                                              | { Dividends .....                       | 73     | 17     | 3  |    |
| { Miscellaneous .....                        | 89                                      | 16     | 4      |    |    |
|                                              |                                         |        | 23,462 | 1  | 2  |
| 1889                                         | { Subscriptions .....                   | 102    | 0      | 0  |    |
|                                              | { Ivory Tickets .....                   | 1      | 1      | 0  |    |
|                                              | { Publication Subscriptions .....       | 17     | 17     | 0  |    |
|                                              |                                         |        | 120    | 18 | 0  |
| INCOME RECEIVED IN 1888 .....                |                                         |        | 24,025 | 10 | 8  |
|                                              |                                         |        | 24,025 | 10 | 8  |
|                                              |                                         |        | 25,183 | 11 | 8  |

## PAYMENTS IN 1888.

| EXPENDITURE.                                               |         | £             | s.            | d.        | £             | s.        | d.       |
|------------------------------------------------------------|---------|---------------|---------------|-----------|---------------|-----------|----------|
| Rent, Rates, Taxes, and Insurance .....                    | Gardens | 1,485         | 0             | 10        |               |           |          |
| Ditto ditto .....                                          | Office  | 231           | 13            | 5         |               |           |          |
| Salaries and Pensions .....                                | Gardens | 3,652         | 12            | 0         |               |           |          |
| Ditto ditto .....                                          | Office  | 1,899         | 0             | 0         |               |           |          |
| Provisions .....                                           |         | 3,768         | 9             | 6         |               |           |          |
| Cost and Carriage of Animals .....                         |         | 495           | 3             | 3         |               |           |          |
| Menagerie Expenses .....                                   |         | 3,024         | 6             | 9         |               |           |          |
| Keepers' Dresses .....                                     |         | 147           | 0             | 11        |               |           |          |
| Works, Materials, &c. ....                                 | Gardens | 1,999         | 19            | 2         |               |           |          |
| Ditto ditto .....                                          | Office  | 56            | 12            | 0         |               |           |          |
| Buildings .....                                            |         | 232           | 6             | 3         |               |           |          |
| Garden Expenses .....                                      |         | 704           | 16            | 9         |               |           |          |
| Advertisements .....                                       |         | 299           | 10            | 6         |               |           |          |
| Band Expenses .....                                        |         | 179           | 7             | 6         |               |           |          |
| House and Office Expenses .....                            | Gardens | 442           | 16            | 5         |               |           |          |
| Ditto ditto .....                                          | Office  | 663           | 18            | 2         |               |           |          |
| Stationery and Printing (Miscellaneous) .....              |         | 293           | 6             | 8         |               |           |          |
| Cost of Publications .....                                 |         | 969           | 6             | 5         |               |           |          |
| Cost of Zoological Record .....                            |         | 527           | 2             | 6         |               |           |          |
| Library Expenses .....                                     |         | 547           | 13            | 2         |               |           |          |
| Returned Subscriptions .....                               |         | 30            | 7             | 0         |               |           |          |
| Davis Lectures .....                                       |         | 73            | 17            | 3         |               |           |          |
| Law Expenses .....                                         |         | 28            | 3             | 2         |               |           |          |
| Interest on Mortgage Debt .....                            |         | 292           | 2             | 2         |               |           |          |
| Interest on Loan .....                                     |         | 95            | 6             | 9         |               |           |          |
| <b>EXPENDITURE PAID IN 1888 .....</b>                      |         | <b>22,139</b> | <b>18</b>     | <b>6</b>  | <b>22,139</b> | <b>18</b> | <b>6</b> |
| Repaid Messrs. Drummond on account of temporary Loan ..... |         |               | 1,000         | 0         | 0             |           |          |
| Repaid Messrs. Drummond on account of Mortgage Debt .....  |         |               | 1,000         | 0         | 0             |           |          |
| Cash at the Banker's, December 31, 1888 :—                 |         |               |               |           |               |           |          |
| General Account .....                                      |         | £561          | 6             | 9         |               |           |          |
| Petty Cash Account .....                                   |         | 482           | 6             | 5         |               |           |          |
|                                                            |         |               | <b>1,043</b>  | <b>13</b> | <b>2</b>      |           |          |
|                                                            |         |               | <b>25,183</b> | <b>11</b> | <b>8</b>      |           |          |

*Comparison of Receipts in 1888 with 1887.*

| <i>Receipts.</i>                                                                                                                                                          |             |             |             |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|------------|
|                                                                                                                                                                           | Income of   |             | Increase.   | Decrease.  |
|                                                                                                                                                                           | 1888.       | 1887.       |             |            |
|                                                                                                                                                                           | £ s. d.     | £ s. d.     |             |            |
| Admissions to Gardens..                                                                                                                                                   | 13,284 11 0 | 12,138 5 6  | 1,146 5 6   | .....      |
| Elephant and Camel riding receipts .....                                                                                                                                  | 685 10 5    | 419 5 2     | 266 5 3     | .....      |
| Garden Sales .....                                                                                                                                                        | 523 2 6     | 446 8 2     | 76 14 4     | .....      |
| Rent for Refreshment-Rooms .....                                                                                                                                          | 692 12 1    | 890 13 4    | .....       | 198 1 3    |
| Rent for Rooms at Hanover Square.....                                                                                                                                     | 283 3 0     | 255 0 0     | 28 3 0      | .....      |
| Admission Fees:—                                                                                                                                                          |             |             |             |            |
| Past.....                                                                                                                                                                 | 70 0 0      | 75 0 0      | .....       | 5 0 0      |
| Present .....                                                                                                                                                             | 470 0 0     | 515 0 0     | .....       | 45 0 0     |
| Annual Subscriptions:—                                                                                                                                                    |             |             |             |            |
| Past.....                                                                                                                                                                 | 24 0 0      | 18 0 0      | 6 0 0       | .....      |
| Present .....                                                                                                                                                             | 5,685 0 0   | 5,887 0 0   | .....       | 202 0 0    |
| Future .....                                                                                                                                                              | 102 0 0     | 222 0 0     | .....       | 120 0 0    |
| Compositions .....                                                                                                                                                        | 870 0 0     | 810 0 0     | 60 0 0      | .....      |
| Ivory Tickets .....                                                                                                                                                       | 17 17 0     | 32 1 0      | .....       | 14 4 0     |
| Publications .....                                                                                                                                                        | 766 5 1     | 825 16 11   | .....       | 59 11 10   |
| Zoological Record ....                                                                                                                                                    | 387 16 0    | 301 10 4    | 86 5 8      | .....      |
| Dividends .....                                                                                                                                                           | 73 17 3     | 73 10 11    | 0 6 4       | .....      |
| Miscellaneous.....                                                                                                                                                        | 89 16 4     | 193 4 2     | .....       | 103 7 10   |
|                                                                                                                                                                           | 24,025 10 8 | 23,102 15 6 | 1,670 0 1   | 747 4 11   |
| Increase .....                                                                                                                                                            | .....       | 922 15 2    | 747 4 11    | Ded. Decr. |
|                                                                                                                                                                           | 24,025 10 8 | 24,025 10 8 | 922 15 2    | .....      |
| <p>Total Receipts in 1888 ..... £24,025 10 8</p> <p>Total Payments in 1888..... 22,139 18 6</p> <p style="text-align: right;">Receipts over Payments ..... 1,885 12 2</p> |             |             |             |            |
| <i>Dr. Cash</i>                                                                                                                                                           |             |             |             |            |
|                                                                                                                                                                           |             |             | £ s. d.     |            |
| To Balance brought from December 31, 1887 .....                                                                                                                           |             |             | 1,158 1 0   |            |
| To Income received in 1888 .....                                                                                                                                          |             |             | 24,025 10 8 |            |
|                                                                                                                                                                           |             |             | 25,183 11 8 |            |

*Comparison of Payments in 1888 with 1887.*

| <i>Payments.</i>                              |                |             |            |            |
|-----------------------------------------------|----------------|-------------|------------|------------|
|                                               | Expenditure of |             | Increase.  | Decrease.  |
|                                               | 1888.          | 1887.       |            |            |
|                                               | £ s. d.        | £ s. d.     | £ s. d.    | £ s. d.    |
| Rent, Rates, Taxes, and Insurance .....       | 1,716 14 3     | 1,434 12 10 | 282 1 5    |            |
| Salaries and Pensions .....                   | 5,551 12 0     | 5,919 1 8   |            | 367 9 8    |
| Provisions .....                              | 3,768 9 6      | 3,932 11 10 |            | 164 2 4    |
| Cost and Carriage of Animals .....            | 495 3 3        | 961 12 5    |            | 466 9 2    |
| Menagerie Expenses .....                      | 3,024 6 9      | 3,324 8 3   |            | 300 1 6    |
| Keepers' Dresses .....                        | 147 0 11       | 200 12 8    |            | 53 11 9    |
| Works, Materials, &c. ....                    | 2,056 11 2     | 2,518 13 6  |            | 462 2 4    |
| Buildings .....                               | 232 6 3        | 446 7 0     |            | 214 0 9    |
| Garden Expenses .....                         | 704 16 9       | 791 12 5    |            | 86 15 8    |
| Advertisements .....                          | 299 10 6       | 265 10 11   | 33 19 7    |            |
| Band Expenses .....                           | 179 7 6        | 167 2 0     | 12 5 6     |            |
| House and Office Expenses ..                  | 1,106 14 7     | 802 18 0    | 303 16 7   |            |
| Stationery and Printing (Miscellaneous) ..... | 293 6 8        | 385 6 11    |            | 92 0 3     |
| Cost of Publications .....                    | 969 6 5        | 1,987 13 6  |            | 1,018 7 1  |
| Cost of Zoological Record ..                  | 527 2 6        | 717 7 4     |            | 190 4 10   |
| Library Expenses .....                        | 547 13 2       | 573 7 7     |            | 25 14 5    |
| Davis Lectures .....                          | 73 17 3        | 79 10 11    |            | 5 13 8     |
| Interest on Mortgage and Loan .....           | 387 8 11       | 339 4 8     | 48 4 3     |            |
| Reception Expenses .....                      |                | 259 4 1     |            | 259 4 1    |
| Miscellaneous .....                           | 58 10 2        | 28 11 8     | 29 18 6    |            |
|                                               | 22,139 18 6    | 25,135 10 2 | 710 5 10   | 3,705 17 6 |
| Decrease ..                                   | 2,995 11 8     |             | Ded. Incr. | 710 5 10   |
|                                               | 25,135 10 2    | 25,135 10 2 |            | 2,995 11 8 |
| Ordinary Payments .....                       | 21,439 16 4    | 23,876 9 1  |            | 2,436 12 9 |
| Extraordinary ditto .....                     | 700 2 2        | 1,259 1 1   |            | 558 18 11  |
|                                               | 22,139 18 6    | 25,135 10 2 |            | 2,995 11 8 |

  

| <i>Contra</i>                                      | <i>Cr.</i>             |
|----------------------------------------------------|------------------------|
| By Expenditure paid in the year .....              | £ s. d.<br>22,139 18 6 |
| By Repayment on account of Loan of £3000 .....     | 1,000 0 0              |
| By Repayment of Mortgage-debt .....                | 1,000 0 0              |
| By Balance at the Bankers, December 31, 1888 ..... | 1,043 13 2             |
|                                                    | 25,183 11 8            |

*Assets and Liabilities of the Society on December 31, 1888.*

## ASSETS.

|                                                                                                      | £      | s. | d. |  | £       | s. | d. |
|------------------------------------------------------------------------------------------------------|--------|----|----|--|---------|----|----|
| Animals in the Menagerie in the Regent's Park .....                                                  | 25,798 | 0  | 0  |  |         |    |    |
| Books in the Library at Hanover Square .....                                                         | 14,096 | 0  | 0  |  |         |    |    |
| Unsold Publications .....                                                                            | 3,182  | 0  | 0  |  |         |    |    |
| Stock of the Zoological Record .....                                                                 | 1,000  | 0  | 0  |  |         |    |    |
| Freehold Premises .....                                                                              | 25,000 | 0  | 0  |  |         |    |    |
| £1,900 London and South-Western Railway New 4 per cent.<br>Preference Stock (Davis Trust Fund) ..... | 2,375  | 0  | 0  |  |         |    |    |
| Cash at the Bankers (Messrs. Drummond) .....                                                         | 1,043  | 13 | 2  |  |         |    |    |
| Arrears considered good:—                                                                            |        |    |    |  |         |    |    |
| Rent for Refreshment Rooms .....                                                                     | 61     | 0  | 0  |  |         |    |    |
| Rent of Rooms at Hanover Square.....                                                                 | 63     | 15 | 0  |  |         |    |    |
| Garden Sales .....                                                                                   | 64     | 11 | 0  |  |         |    |    |
| Subscriptions .....                                                                                  | 75     | 0  | 0  |  |         |    |    |
| Publication Sales .....                                                                              | 101    | 0  | 0  |  |         |    |    |
| Zoological Record Sales .....                                                                        | 19     | 17 | 6  |  |         |    |    |
|                                                                                                      |        |    |    |  | 385     | 3  | 6  |
|                                                                                                      |        |    |    |  | £72,879 | 16 | 8  |

## LIABILITIES.

|                                        | £     | s. | d. | £       | s. | d. |
|----------------------------------------|-------|----|----|---------|----|----|
| Rent and Taxes unpaid:—                |       |    |    |         |    |    |
| For the Gardens, say .....             | 169   | 8  | 10 |         |    |    |
| ,, Office, say .....                   | 43    | 15 | 0  |         |    |    |
|                                        |       |    |    | 213     | 3  | 10 |
| Bills, &c., estimated at:—             |       |    |    |         |    |    |
| For the Gardens, say .....             | 581   | 2  | 0  |         |    |    |
| ,, Office, say .....                   | 424   | 1  | 5  |         |    |    |
|                                        |       |    |    | 1,005   | 3  | 5  |
| Messrs. Drummond, Mortgage Debt .....  | 7,000 | 0  | 0  |         |    |    |
| Messrs. Drummond, Temporary Loan ..... | 2,000 | 0  | 0  |         |    |    |
|                                        |       |    |    | £10,218 | 7  | 3  |



We have examined the Vouchers and the accounts of receipts and expenditure, and certify that they are correct.

WALTER CROUCH.  
HERBERT DRUCE.  
HENRY S. GORHAM.  
RICHARD LYDEKKER.  
EUGENE W. OATES.  
HENRY H. SLATER.  
JOHN T. TAYLOR.

} *Committee of Auditors.*

ZOOLOGICAL SOCIETY OF LONDON,  
3 Hanover Square, W.

*February 28, 1889.*





