

REPORT

OF THE

COUNCIL AND AUDITORS

OF THE

ZOOLOGICAL SOCIETY

OF LONDON,

READ AT THE ANNUAL GENERAL MEETING,

APRIL 29TH, 1868.

LONDON:

PRINTED BY TAYLOR AND FRANCIS

RED LION COURT, FLEET STREET.

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REPORT OF THE COUNCIL.

April 29, 1868.

BEFORE commencing the ordinary topics of their Report to the Society on the occasion of its thirty-ninth Annual Meeting, the Council cannot refrain from alluding to the loss suffered by the Society since the last Anniversary by the death of their late lamented President, the Right Hon. Sir George Clerk, Bart. The late Sir George Clerk had been a Member of the Society since 1830, and, before his election as President in 1861, had frequently served on the Council, of which he was for many years a most active and efficient member. As President, he was unremitting in the discharge of the duties of his office, and ever anxious to promote the interests of the Society.

In selecting as his successor the Viscount Walden, a choice which the Council trust that the Members of the Society will confirm by their votes this day, the Council feel that they have taken a course which will be in every way conducive to the best interests of the Society. The Council believe that their present President is not only qualified by his high position for the post, but will be the more acceptable to the Society as being himself a working zoologist, and being also, from experience acquired during several years which he has been an active member of the Council, fully conversant with the business of the Society and its aims and objects.

I. GENERAL CONDITION OF THE SOCIETY.

1. STATE OF THE ROLL OF MEMBERS.

a. *Fellows and Annual Subscribers.*

The number of Fellows, Fellows Elect, and Annual

Subscribers at the close of the year 1867 amounted to 2702. Of these there were—

Compounders, who have paid £20	147
Ditto ditto £30	568
Paying annual contributions of £2	178
Ditto ditto £3	1653
Dormant	48
Admission-fees unpaid	67
Ditto remitted	14
Annual Subscribers, paying . £3	27
	2702

The number of Fellows elected and readmitted during the year 1867 was 328. The number of vacancies caused by death in 1867 was 57, by resignation 20, and by removal 8—in all, 85; so that a total addition of 243 Members took place during the year. The corresponding increase in 1866 was 316.

The following Table, which gives a comparative statement of the elections, deaths, resignations, and removals during the past nine years, will show at a glance the very satisfactory state of the list of Members, which, during that period, has been increased from 1721 to 2702 in number.

Comparative Statement of Elections, Deaths, Resignations, and Removals during Nine years, with the number of Fellows and Annual Subscribers at the end of each Year.

Years.	Elected or Re-admitted.	Died.			Resigned.			Removed.			Ceased to be Fellows.	Number of Fellows and Annual Subscribers, December 31.		
		Compounders.		Subscribers.	Subscribers.		Admission Fees Unpaid.	Subscribers.		Admission Fees Unpaid.				
		£20.	£30.	Honorary.	£2.	£3.	£2.	£3.	Admission Fees Unpaid.	£2.			£3.	Admission Fees Unpaid.
1859.	83	13	4	..	17	16	8	20	..	..	..	..	78	1721
1860.	98	11	4	..	20	22	3	19	2	6	16	..	103	1716
1861.	98	11	7	1	19	21	5	23	2	..	..	..	89	1725
1862.	95	6	1	..	16	24	1	10	1	4	19	7	89	1731
1863.	164	9	4	..	12	23	3	19	2	..	..	8	80	1815
1864.	264	4	8	..	21	22	2	9	..	24	71	..	161	1918
1865.	321	12	5	..	13	23	5	16	2	1	19	..	96	2143
1866.	405	16	11	..	11	28	1	18	1	..	..	3	89	2459
1867.	328	11	9	..	12	25	4	16	..	..	..	8	85	2702

b. *Foreign and Corresponding Members.*

Two new Foreign Members of the Society were elected on the 18th of July, 1867,—namely, Dr. Ernest Haeckel, Professor of Zoology in the University of Jena, and Mr. G. F. Westerman, Director of the Gardens of the Zoological Society of Amsterdam,—

in the place of George Ord, Esq., of the Academy of Natural Sciences, Philadelphia, and Professor Filippo de Philippi, Director of the Royal Zoological Museum, Turin, both deceased.

The following Corresponding Members were elected during the past year:—

January 17, 1867.

Professor Oscar Schmidt, Director of the Museum of Natural History, Grätz.

March 21.

Mr. Thomas Oldham, Director of the Geological Survey of India.

Mr. W. T. Blanford, of the Geological Survey of India.

April 17.

Sir John Bowring, LL.D., of Claremont, Exeter.
The Hon. Arthur Gordon, Governor of Trinidad.

May 16.

Mr. G. R. Crotch, of 8 Earl Street, Cambridge.
Professor James Nicol, of the University of Aberdeen.

June 30.

Mr. E. S. Hill, of Wollahra, Sydney, N.S.W.

July 18.

M. A. A. Van Bemmelen, Director of the Zoological Gardens, Rotterdam.

August 22.

Mr. Walter Buller, Honorary Secretary of the Acclimatization Society of Wanganui, New Zealand.

Mr. George Wilks, of Buenos Ayres.
 Mr. Lewis Joel, British Vice-Consul, Ciudad Bolivar,
 Venezuela.

December 19.

The Count Tommaso Salvadori, M.D., of Turin.
 Commander Hugh H. Knocker, R.N., H.M.S. 'Alert.'
 M. Alfred Grandidier, Château de Fleury Mérogis, Bre-
 tigny, France.

The Council again call the attention of the Corresponding Members of the Society to the important alterations which have been recently made in the By-laws relating to them. In the first place, it has been considered expedient to enact that the total number of this class of Members shall not in future exceed 200. At the same time, in consequence of there being many Correspondents from whom no information had been received for many years, so that it could not be ascertained whether they were alive or dead, the following additional regulation has been made.

“Corresponding Members of the Society are required to
 “keep the Secretary informed of their addresses, or that of
 “some Agent in London, through whom communications
 “may reach them. The name of any Corresponding
 “Member whose address, or that of his Agent, shall not be
 “known for the space of two years shall be removed from
 “the List, but may be restored again on his application to
 “the Council, on the occasion of the first vacancy that
 “occurs.”

2. STATE OF THE FINANCES.

a. Income.

The total Income of the Society received during the year 1867 was £25,041 19s. 3d., again exceeding the Income of the previous year by the sum of £662 19s. 10d., and being the largest amount ever received in one year by the Society, except in the two “Exhibition” years. The following Table will show the various sources whence this income proceeded:—

Belonging to years	INCOME.	£ s. d.	£ s. d.
1861	Proceedings.....		0 19 0
1862	Annual Subscriptions		2 0 0
1863	Annual Subscriptions		2 0 0
1864	Annual Subscriptions	5 0 0	
	Ivory Ticket	1 1 0	6 1 0
1865	Admission Fees	25 0 0	
	Annual Subscriptions	23 0 0	
	Ivory Ticket	1 1 0	
	Garden Sales	80 17 0	129 18 0
1866	Admission Fees	180 0 0	
	Annual Subscriptions'.....	115 0 0	
	Ivory Tickets	7 7 0	
	Transactions	79 16 7	
	Proceedings.....	64 10 10	
	Garden Sales	505 2 0	951 16 5
1867	Admission to Gardens	12,840 2 6	
	Garden Sales	927 5 0	
	Rent for Refreshment Room.....	780 0 0	
	Admission Fees	1,365 0 0	
	Compositions	1,830 0 0	
	Annual Subscriptions	5,093 9 0	
	Ivory Tickets	81 9 0	
	Transactions	152 12 0	
	Proceedings.....	123 1 11	
	Publications	354 5 0	
Dividends, and Interest on Exchequer Bills	346 10 5	23,893 14 10	
1868	Annual Subscriptions	45 0 0	
	Publications	8 8 0	
	Ivory Ticket	1 1 0	54 9 0
1869	Publications		1 1 0
INCOME RECEIVED IN 1867			25,041 19 3

To this must be added the sum of £2011 12s. 0d., being the proceeds of the sale of £2000 worth of Exchequer Bills purchased with surplus Income in 1866, and the sum of £1384 3s. 2d., being the balance at the Society's Bankers' brought over from the previous year. These additions made a total sum of £28,437 14s. 5d. available for the expenditure of the year 1867.

b. *Expenditure.*

This sum of £28,437 14s. 5d. was disposed of in the following manner. The sum of £21,556 10s. 7d. was required for the ordinary Expenditure of the Society. The sum of £4652 14s. 8d. was devoted to extraordinary Expenditure, as will be explained under the head of the Report devoted to the Garden Establishment. This left a balance of £2228 9s. 2d. at the Society's Bankers' on the 31st of December last, which was carried forward for the benefit of the present year's account.

The subjoined Table gives the various items of the entire expenditure during the year 1867, and a comparison of them with the amounts paid under the corresponding heads in 1866.

	Expenditure of						Increase.	Decrease.	
	1866.			1867.					
	£	s.	d.	£	s.	d.	£	s.	d.
Arrears of previous years...	1,962	14	1	2,440	14	11	478	0	10
Rent, Rates, and Taxes.....	687	10	5	700	17	4	13	6	11
Salaries, Wages, and Pen- sions	4,230	0	0	4,407	1	3	177	1	3
Cost of Animals.....	1,782	12	7	3,244	17	11	1,462	5	4
Provisions	3,837	11	9	4,003	7	10	165	16	1
Menagerie Expenses	2,058	14	7	2,124	9	1	65	14	6
Keepers' Dresses	151	15	6	135	6	3	.....	16	9
New Buildings and Works .	1,169	6	10	2,115	15	3	946	8	5
Other Works, Materials, and Repairs	2,813	16	3	3,193	12	3	379	16	0
Garden Expenses	767	0	1	840	2	2	73	2	1
Band Expenses	166	2	9	178	18	0	12	15	3
Advertisements	144	1	9	138	12	0	.....	5	9
House and Office Expenses .	384	5	7	425	3	4	40	17	9
Stationery	87	15	9	57	15	10	.....	29	19
Printing (Miscellaneous) ...	212	19	6	144	10	6	.....	68	9
Proceedings (including Printing)	1,327	6	2	1,259	14	8	.....	67	11
Transactions, ditto, ditto	388	1	7	394	12	10	6	11	3
Library expenses	219	15	7	355	0	10	135	5	3
Returned Subscriptions ...	22	3	0	48	13	0	26	10	0
Cost of Medals	5	0	0	.....	.....	.....	.....	5	0
	22,418	13	9	26,209	5	3	3,983	10	11
								192	19
									5

It will be observed that the principal heads under which increased expenditure has been incurred are those of "Cost of Animals" and "New Buildings and Works," concerning which full explanations are given in a subsequent part of the Report.

c. *Reserve Fund.*

The Society's Reserve Fund consists of a sum of £10,000 3 per Cents Reduced, in which no change has been made since the last Anniversary.

d. *Assets and Liabilities.*

The Cash Assets of the Society on the 31st of December 1867 amounted to—

	£	s.	d.
Cash at the Bankers'	2228	9	2
Cost of £10,000 Reduced 3 per Cents	9356	2	10
	<hr/>		
	11,584	12	0

The sums due to the Society for arrears on the 31st of December 1867 were estimated as follows:—

Annual Subscriptions	456	0	0
Ivory Tickets	15	15	0
Publications	245	16	9
Garden Sales	648	11	6
	<hr/>		
	1,366	3	3

12,950 15 3

The Liabilities at the same period were estimated at

2,485 1 0

Leaving a Balance in favour of the Society of £10,465 14 3

II. OFFICE, 11 HANOVER SQUARE.

1. SCIENTIFIC MEETINGS.

The practice of holding the Scientific Meetings at Burlington House in the rooms of the Linnean Society, which was adopted as an experiment during the session of 1866-67, having been found in some respects inconvenient, it was determined by the Council, in accordance with the recommendation of the Committee of Publication, to revert to the former practice of meeting in the Society's rooms in Hanover Square. At the same time the Council wish to state that they have reason to believe that the Council of the Linnean Society were quite ready to continue the facilities accorded to this Society during the previous Session, and to meet their convenience in every way.

2. SCIENTIFIC PUBLICATIONS.

An unusual number of communications, many of them of very great interest, having been made to the Society during the year 1867, it has been found necessary to increase the volume of 'Proceedings' for the past year to rather an inconvenient size. It was, however, thought better to do this rather than to divide the 'Proceedings' for the year into two volumes.

The volume of the Society's 'Proceedings' for 1867, which is now on the table and will be distributed to subscribers in a few days, contains nearly 1100 pages, illustrated by 47 (mostly coloured) plates.

The following Parts of the Society's 'Transactions' were issued during the year 1867:—

VOL. VI. PART II.

On the Osteology of the Dodo (*Didus ineptus*, Linn.).
By Prof. Owen, F.R.S. With ten plates.

VOL. VI. PART III.

Description of the Skeleton of *Inia geoffrensis*, and of the Skull of *Pontoporia blainvillii*, with Remarks on the Systematic Position of these Animals in the Order Cetacea.
By W. H. Flower, F.R.S. With four plates.

VOL. VI. PART IV.

Synopsis of the species of recent Crocodilians or Emydosaurians, chiefly founded on specimens in the British Museum and the Royal College of Surgeons. By Dr. J. E. Gray. With four plates.

Note to the Memoir on the Indian Cetacea collected by Sir Walter Elliot. By Prof. Owen.

Contributions towards a more complete knowledge of the Skeleton of the Primates. By St. George Mivart, F.L.S. With eight plates.

The Council again wish to call the particular attention of the Members to the advantages offered to subscribers to the Society's Publications. The Subscription price of the Publications in the case of Fellows and Foreign and Corresponding Members of the Society is now reduced to the sum of £1 1s. per annum, provided such Subscription be paid in advance, before the Anniversary Meeting of the Society, held on the 29th of April in each year.

The Publications of the year consist of three parts of 'Proceedings,' in 8vo, illustrated by upwards of 40 Plates, mostly coloured; and of one or more parts of 'Transactions,' in 4to, with from 10 to 15 Plates. The ordinary prices at which these volumes are sold to the public amounts generally to upwards of Three Pounds in each year.

The publications cannot be sent out by post, but are delivered to Subscribers free of expense at any address within the metropolitan districts.

3. LIBRARY.

It having been found impracticable to keep the Society's extensive Zoological Library in good working order under existing arrangements, it was determined by the Council during the course of the past year to appoint a third clerk in the office, whose principal business it should be to attend to this important branch of the Scientific establishment. This measure has, as the Council believe, proved quite successful, and has been of much convenience to the working zoologists who resort to the Library for reference.

Besides the purchased additions, the Society's Library has received, since the last Anniversary, Transactions and Proceedings from the following Institutions:—

ENGLAND.

- The Royal Society, London.
- The Linnean Society, London.
- The Royal Geographical Society, London.
- The Geological Society, London.
- The Royal Institution of Great Britain.
- The Royal Horticultural Society, London.
- The Photographic Society, London.
- The Royal United Service Institution.
- The Society of Arts.
- The Royal Asiatic Society of Great Britain.
- The Royal Agricultural Society of Great Britain.
- The Royal College of Surgeons, London.
- The Pharmaceutical Society.
- The Entomological Society, London.
- The Royal Society of Literature.
- The Quekett Microscopical Club

The British Association for the Advancement of Science.
 The Royal Institution of Cornwall.
 The Literary and Philosophical Society of Leeds.
 The Manchester Free Library.
 The Literary and Philosophical Society of Hull.
 The Natural-History Society of Northumberland, Durham, and Newcastle-upon-Tyne.

SCOTLAND.

The Royal Society of Edinburgh.

IRELAND.

The Royal Geological Society of Ireland.
 The Royal Irish Academy.
 The Royal Dublin Society.
 The Natural-History Society of Dublin.

EAST INDIES.

The Asiatic Society of Bengal.
 The Asiatic Society of Bengal—Ceylon Branch.
 The Royal Union of Natural History of the Netherland-Indies, Batavia.

AUSTRALIA.

The Royal Society of Victoria.
 The Entomological Society of New South Wales.

AMERICA.

The American Philosophical Society, Philadelphia.
 The Franklin Institute, Philadelphia.
 The Entomological Society of Philadelphia.
 The Academy of Natural Sciences, Philadelphia.
 The Smithsonian Institution, Washington.
 The American Academy of Arts and Sciences, Boston.
 The Lyceum of Natural History, New York.
 The Boston Society of Natural History.
 The Essex Institute, Salem, Mass.
 The Connecticut Academy of Arts and Sciences, New Haven.
 The Nova-Scotian Institute of Natural Sciences.
 The Lyceum of Matanzas.
 The National Museum of Buenos Ayres.

FRANCE.

- The Museum of Natural History, Paris.
 The Imperial Zoological Society of Acclimatation, Paris.
 The Entomological Society of France.
 The Imperial Academy of Sciences, Lyons.
 The Imperial Society of Agriculture, Lyons.

RUSSIA.

- The Imperial Academy of Sciences of St. Petersburg.
 The Imperial Society of Naturalists of Moscow.
 The Entomological Society of Russia, St. Petersburg.
 The Finnish Society of Sciences, Helsingfors.

SCANDINAVIA.

- The Royal Danish Society of Sciences, Copenhagen.
 The Royal Norwegian University, Christiania.
 The University of Lund.

SWITZERLAND.

- The Natural-History Society, Zurich.
 The Natural-History Society, Bern.
 The Society of Natural Sciences, Neuchâtel.
 The Swiss Society of Natural Sciences, Lausanne.
 The Natural-History Society, Basel.
 The Physical and Natural-History Society, Geneva.

BELGIUM.

- The Royal Academy of Belgium.
 The Royal Academy of Sciences, Liège.

ITALY.

- The Royal Lombardian Institute of Science and Literature, Milan.
 The Royal Academy of Sciences, Turin.
 The Italian Society of Natural Sciences, Milan.

PORTUGAL.

- The Royal Academy of Sciences, Lisbon.

HOLLAND.

- The Royal Zoological Society, Amsterdam.
 The Royal Academy of Sciences, Amsterdam.
 The Dutch Society of Sciences, Haarlem.
 The Entomological Society of the Netherlands.

GERMANY.

- The Imperial Leopoldino-Carolinian Academy of Naturalists.
 The Senckenbergian Society, Frankfort-on-the-Main.
 The Royal Bavarian Academy of Sciences, Munich.
 The Royal Academy of Sciences of Berlin.
 The Zoological Society of Frankfort-on-the-Main.
 The Imperial Academy of Sciences, Vienna.
 The Imperial Geological Institute of Vienna.
 The Zoological and Botanical Society of Vienna.
 The University and Royal Society of Sciences, Göttingen.
 The Royal Physical and Economical Society of Königsberg.
 The Natural-History Society of Freiburg.
 The Natural-History Society, Altenburg.
 The Natural-History Union, Hamburg.
 The Natural-History Society of Würtemberg.
 The Natural-History Society of Rhenish Prussia and Westphalia.

Donations of Works, Memoirs, and Papers have also been received from H. Stevenson, Esq., F.Z.S.; A. W. Crichton, Esq., F.Z.S.; Chas. W. Shepherd, Esq.; Dr. A. J. Malmgren; M. Guérin-Méneville; Dr. Max Schmidt; M. S. C. Snellen van Vollenhoven; MM. Crosse and Fisher; George Sclater-Booth, Esq., M.P., F.Z.S.; Dr. F. Troschel; Prof. J. J. Bianconi; M. J. F. Brandt; Don Felipe Poey; George W. Tryon, jun., Esq.; Prof. J. G. Schiödte; Prof. A. Duméril; Professor Newton, F.Z.S.; M. A. Dubois; R. B. Woodward, Esq.; Dr. F. Day; Isaac Lea, Esq.; Dr. Anton Fritsch; Dr. Elliott Coues; Henry T. Krebs, Esq.; Dr. Julius Haast; the Trustees of the British Museum; Dr. J. E. Gray, F.R.S., F.Z.S.; the Science and Art Department of the Committee of Council on Education; the Horticultural and Botanical Congress; the Museum, Library, and Park Committee, Salford; the Commissioners of the Exhibition of 1851; the Secretary of War, Washington, and the Surgeon-General's Office, Washington.

III. GARDENS, REGENT'S PARK.

1. BUILDINGS AND WORKS.

Besides the usual sum devoted to the repairs of the numerous buildings in the Society's Gardens, which in the year 1867 amounted to £2813 16s. 3d., a sum of upwards of £3000 was spent in the erection of new buildings and on the enlargement and permanent improvement of those already in existence. The principal new building erected during the year was the New Deer-house, situated in the South Gardens, near the entrance from the Broad Walk, which, together with the yards, fences, and roads adjoining, cost the sum of £1695 18s. 3d. This house, which is now quite complete, holds the Society's fine collection of the larger Deer of the Old World with very great convenience, and enables them to be exhibited, arranged in a natural series, in a manner that was not possible under previous arrangements. The old Wapiti-house situated in the North Gardens, where most of these animals were formerly kept, has been entirely removed and the ground cleared preparatory to the erection thereon of a new building for Elephants and Rhinoceroses, which since the late material increase of the Society's collection of these animals has become a matter of absolute necessity.

The house for Rodents near the Swine-house and the adjoining greenhouses, commenced in 1866, as announced in the last Report, were completed during the Spring of 1867 at a cost of £386 1s. 7d. These buildings are now in full use, and seem to meet the objects for which they were intended in every way.

The sum of £312 5s. was devoted to the permanent improvement and thorough repair of the left wing of the Western Aviary. The whole of the old wire-work, which was very much worn, has been removed, and new wire-work with a smaller mesh, so as to prevent the entrance of sparrows, substituted in its place. The ground-floor of the Aviary has been raised so as to bring up the birds more nearly to a level with the eye of the spectator, and at the same time to improve the drainage. New glass sliding doors have been placed in front of such of the inner compartments as were not previously furnished with them, so as to give additional protection to the inmates in winter. The old hot-air heating-flues have been replaced

by a hot-water heating-apparatus of the most improved construction. During the present Spring corresponding alterations and improvements have been made in the right wing of the same Aviary; and next autumn, as soon as the breeding-season is terminated, it is in contemplation to renovate the centre compartment in a similar manner.

The sum of £242 1s. 7d. was expended in rebuilding the breeding-Aviary for the rarer species of Pheasants, situated near the Cattle-sheds. The greater part of this Aviary, which was previously constructed mainly of netting, was destroyed by a heavy snow-storm in the winter of 1866, and the inmates (many of which were worth £50 a piece) escaped into various parts of the Regent's Park. To avoid a similar casualty, the roof of the Aviary has been reconstructed with strong iron wire; but a second roof of netting is stretched underneath to prevent the birds injuring themselves by flying up against the wires.

The narrow passage in the house devoted to the female Hippopotamus causing much inconvenience on crowded days, it was determined to increase the area of the space allotted to spectators in this building by throwing into it an external court situated on the north side of it, which was of little use. This was accomplished last autumn at a cost of £103 0s. 8d., and a very great improvement, as the Council believe, in this building thereby effected.

A new walk has been opened leading from the Kangaroo-sheds over the north side of the tunnel to the Parrot-house, thus avoiding the *cul-de-sac* which had hitherto existed in this part of the Gardens. The opportunity was taken of constructing a new house for Wombats immediately adjoining the Kangaroo-sheds and facing the new walk. This enabled the Council to remove the Wombats from their former isolated situation in the centre of the Gardens, and to place them in a more suitable position near the rest of the Marsupials. The cost of these two improvements amounted to £92 15s. 8d.

Various other minor additions to the Society's Gardens, the particulars of which are subjoined, raised the total amount expended on the permanent improvement of this branch of the Society's Establishment, in the year 1867, to the sum of £3097 6s. 5d.

New Buildings and Works in 1867.

1. New Deer-house, and Yards and Roads adjoining	£	s.	d.
	1695	18	3
2. Rodent-house and Greenhouses	386	1	7
3. Permanent improvement of the Western Aviary	312	5	0
4. Rebuilding Pheasantry near Cattle-sheds	242	1	7
5. Enlargement of the Hippopotamus-house	103	0	8
6. New Walk across the North side of the Tunnel	51	17	5
7. New Wombat-house and Yards	40	18	3
8. New Houses for Cranes, and new Fence	108	0	10
9. New Workshops	86	3	7
10. Laying down Asphalt at Vulture-aviary	31	0	0
11. New Tank at Reservoir	36	13	0
12. Enlarging Walrus-house	3	6	3
	<hr/>		
	£3097	6	5

2. VISITORS.

The total number of visitors to the Gardens in the year 1867 was 556,214, being 28,865 more than in the year 1866. They are divisible as follows:—

	1867.	
Fellows and Friends	153,712	
Paying {	On ordinary days at 1s. each	121,658
	On Mondays and other days at 6d. each	238,934
	Children under 12 years at 6d. each	31,355
Charity Children and others having free admission	10,555	
	<hr/>	
	556,214	

When the financial crisis and other extraordinary circumstances connected with the past year are taken into consideration, this increase cannot fail to be highly gratifying to the Fellows of the Society, especially when it is considered that in most places of ordinary public resort

there has been a falling off in the number of visitors during the same period.

The following Table gives the number of visitors to the Society's Gardens in each year since they were first opened. It will be observed that for the last five years the average number of entrances has amounted to 516,921, and that there were a greater number of entrances in 1867 than in any of the preceding years, except the two Exhibition years 1851 and 1862.

Statement of the Number of Visitors to the Society's Gardens during each Year, from the Year 1828 to the Year 1867.

Year.	Number.	Year.	Number.
1828	98,605	1848	143,630
1829	189,913	1849	168,895
1830	223,420	1850	360,402
1831	262,193	*1851	667,243
1832	206,652	1852	305,203
1833	211,343	1853	409,076
1834	208,583	1854	407,676
1835	210,068	1855	315,002
1836	263,372	1856	344,184
1837	173,778	1857	339,217
1838	179,197	1858	351,580
1839	158,432	1859	364,356
1840	141,009	1860	394,906
1841	132,616	1861	381,837
1842	107,459	*1862	682,205
1843	98,280	1863	468,700
1844	101,527	1864	507,169
1845	99,615	1865	525,176
1846	100,045	1866	527,349
1847	93,546	1867	556,214

3. MENAGERIE.

The number of animals belonging to the first three classes of Vertebrata living in the Society's Menagerie at the close of 1866 was 2013. The corresponding number on the 31st of December 1867 was 2010, as will be seen by the subjoined Table:—

* Years of the two Exhibitions.

Animals in the Menagerie.

	December 31.		Comparison.
	1866.	1867.	
Quadrupeds	535	531	Decr. 4
Birds	1305	1320	Incr. 15
Reptiles.....	173	159	Decr. 14
	2013	2010	Decr. 3

The sum allowed in the estimates for the ordinary purchases for the Society's Menagerie in 1867 was £2000. The amount actually spent in this manner, together with carriage and keepers' travelling expenses was £1816. Besides this, however, special expenses connected with the increase of the Menagerie, amounting altogether to £1555 8s. 3d., were incurred under the following circumstances.

The loss sustained by the Society on the 6th of December 1866, by the accidental fire which took place in the Giraffe-house, was alluded to in last year's Report. The subsequent death of the old male Giraffe reduced the Society's stock of this important animal to one adult female and a young male. Under these circumstances the Council thought it expedient to devote the special sum of £400 to the acquisition of a young female Giraffe, which was imported last summer. The animal thus acquired makes an excellent match to the young male born on the 17th of March 1867 in the Gardens, and both of them are now in excellent health and condition. The Council trust that this addition will enable them to keep up the breed of Giraffes, of which no less than seventeen have been bred in the Society's Gardens since their first acquisition, as will be seen by the subjoined Table:—

List of Giraffes which have lived in the Zoological Society's Gardens.

No.	Sex.	How acquired.	Date.	How disposed of.	Date.
1	Female .	Imported .	May 24, 1836	Died	Oct. 15, 1852
2	Male ..	Imported .	May 24, 1836	Died	Oct. 29, 1846
3	Male ..	Imported .	May 24, 1836	Died	Jan. 14, 1849
4	Male ..	Imported .	May 24, 1836	Died	Jan. 6, 1837
5	Male ..	Born	June 19, 1839	Died	June 28, 1839
6	Male ..	Born	May 24, 1841	{ Presented to Dub- lin Zoological Soc. }	June 14, 1844
7	Male ..	Born	Feb. 25, 1844	Died	Dec. 30, 1853
8	Male ..	Born	Apr. 22, 1846	Died	Jan. 22, 1867
9	Male ..	Born	Feb. 12, 1849	Sold	Apr. , 1850
10	Female .	Presented .	June 29, 1849	Died	Nov. 3, 1856
11	Female .	Purchased.	June 29, 1849	Sold	Oct. , 1853
12	Male ..	Born	Mar. 30, 1852	Sold	Mar. , 1853
13	Female .	Born	Apr. 25, 1853	Living in the Gardens .	
14	Female .	Born	May 7, 1855	Died	Nov. 6, 1866
15	Female .	Born	July 16, 1859	Died	Dec. 2, 1859
16	Female .	Born	May 20, 1861	Sold	May , 1863
17	Male ..	Born	Oct. 7, 1861	Died	Dec. 18, 1861
18	Male ..	Born	May 8, 1863	Sold	Nov. , 1863
19	Male ..	Born	Sept. 24, 1863	Died	Apr. 21, 1864
20	Male ..	Born	Mar. 31, 1865	Died	Apr. 3, 1865
21	Female .	Born	Apr. 20, 1865	Sold	May 31, 1866
22	Male ..	Born	Sept. 14, 1866	Died	Nov. 6, 1866
23	Male ..	Born	Mar. 17, 1867	Living in the Gardens .	
24	Female..	Purchased.	July 26, 1867	Living in the Gardens .	

Another important addition to the Society's living collection during the past year was a young male Walrus, purchased in November 1867 at the cost of £204 10s. 6d.

This animal was captured in Davis's Straits by Captain Richard Wells, of the steam whaler 'Arctic,' belonging to Messrs. Alexander Stephen and Co., on the 28th of August last, under the following circumstances:—A herd of from 200 to 300 of these animals was met with on the ice by the 'Arctic' in lat. 69° N., long. 64° W. A boat's crew was landed on the ice and the herd attacked and several individuals killed, amongst which was a large female. The body of the latter being attached to the boat and rowed towards the vessel was followed by a young male, who swam and dived around and refused to quit his deceased parent. This being noted, he was captured by a noose swung over his head and one fore limb, from the ship, and hauled on board. For some days the captive was kept tied to a ring-bolt on deck, and refused food altogether.

Subsequently he was induced to swallow thin slips of boiled pork, and was thus fed until the vessel reached the Shetlands, when a supply of fresh mussels was provided for his use. A large box with openings at the sides was fabricated; and the animal, secured therein, was brought safely into Dundee. From that port to London the Walrus was conveyed in the steamer 'Anglia,' under the care of the Society's Superintendent.

The only specimen of the Walrus previously acquired by the Society was a young individual received in 1853, which had been brought home, in a vessel engaged in the seal-fishery on the coast of Spitzbergen, by Captain Henry of Peterhead. This animal however, was, in a moribund state on its arrival, and lived only a few days in the Gardens.

In their last Report, the Council announced that they had sent out to Calcutta Mr. C. Bartlett to take charge of and bring home to England some valuable animals offered to the Society by their Corresponding Members, the Babu Rajendra Mullick, Mr. A. Grote, Dr. J. Anderson, and other friends in the East. Mr. Bartlett returned to this country with his living freight in August last, having unfortunately met with some severe losses on the voyage, but bringing safely the following collection:—

2 Black Tibetan Wolves (*Canis laniger*, Hodgs.). Presented to the Society by Lieut. Alexander A. Kinloch, 2nd Battalion Rifle Brigade, and Lieut. J. Biddulph, 19th Hussars.

1 Female Gayal (*Bos frontalis*, Lambert). Presented by the Babu Rajendra Mullick, C.M.Z.S.

2 Pelicans (*Pelecanus mitratus*, Licht.). Presented by the Babu Rajendra Mullick, C.M.Z.S.

4 Demoiselle Cranes (*Grus virgo*). Presented by the Babu Rajendra Mullick, C.M.Z.S.

2 Polyplectrons, ♀ (*Polyplectron chinquis*). Presented by the Babu Rajendra Mullick, C.M.Z.S.

1 White Fruit-Pigeon (*Carpophaga luctuosa*). Presented by the Babu Rajendra Mullick, C.M.Z.S.

1 Bronze Pigeon (*Carpophaga aenea*). Presented by the Babu Rajendra Mullick, C.M.Z.S.

1 Singing Pigeon (*Treron sphenura*). Presented by the Babu Rajendra Mullick, C.M.Z.S.

1 Entellus Monkey (*Semnopithecus entellus*). Presented by the Babu Rajendra Mullick, C.M.Z.S.

1 Panolia Deer (*Cervus eldi*). Presented by A. Grote, Esq., F.Z.S.

1 Slow Loris (*Nycticebus tardigradus*). Presented by A. Grote, Esq., F.Z.S.

1 Hemipode (*Turnix pugnax*). Presented by A. Grote, Esq., F.Z.S.

1 Indian Badger (*Arctonyx collaris*). Presented by Dr. J. Anderson.

1 Slow Loris (*Nycticebus tardigradus*). Presented by Dr. J. Anderson.

8 Water Tortoises (*Emys*, sp. var.). Presented by Dr. J. Anderson.

The total number of animals brought home by Mr. Bartlett amounted to upwards of thirty, and their value was estimated at about £760.

The cost of this expedition, which it was considered right to charge to extraordinary expenditure, amounted to £849 15s.

These three items, added to the sum of £51 2s. 9d., spent by Mr. R. Swinhoe upon the acquisition of Chinese animals under the circumstances mentioned in the last Report, and the sum of £50 devoted to a special expedition to the Falkland Islands, in the hope of obtaining another Sea-bear for the Menagerie, make up a total extraordinary expenditure, under the head of cost and carriage of animals, of £1555 8s. 3d. as follows:

	£	s.	d.
A Female Giraffe	400	0	0
A Male Walrus	204	10	6
Expenses on Collection from Calcutta .	849	15	0
Expenses to the Falkland Islands . .	50	0	0
Mr. Swinhoe, for Expenses on animals in China	51	2	9
	<hr/>		
	£1555	8	3

The following notes relate to some of the other more remarkable additions made to the Menagerie during the year:—

1. An additional example of the Mooruk or Bennett's Cassowary, presented by Commodore Sir William Wiseman, Bart., R.N., along with other valuable birds, Feb. 14.

2. Two specimens of the very beautiful Lory of the Solomon Islands (*Lorius chlorocercus*), purchased Feb. 5.

3. A male example of the wild Swine of *Formosa* (*Sus taivanus*, Swinhoe), received by the ship 'Island Queen,' January 17, having been obtained for Mr. Swinhoe by Mr. Gregory, H.M. Vice-Consul at Tamsuy, and forwarded to the Society by Mr. Swinhoe.

4. A pair of Saiga Antelopes (*Saiga tatarica*, Pallas), received on deposit in November 1866, and subsequently purchased, as being apparently likely to do well in the Society's Menagerie.

5. A specimen of the Carpet-Snake of Australia (*Morelia variegata*, Gray), received from Queensland, purchased of a dealer.

6. A specimen of the Peruvian Boa (*Boa eques*, Eyd. et Soul.), from Guayaquil, presented to the Society by Prof. William Nation, of Lima, Peru, C.M.Z.S.

7. A female Lyre-bird (*Menura superba*), brought to this country in the ship 'La Hogue' by its proprietor, Mr. Ross, from whom it was acquired by the Society's Gardens.

8. An example of the Parrot (*Coracopsis barklyi*), described by Mr. Edward Newton as new at the Meeting of the Society held April 11; presented to the Society by Swinburne Ward, Esq., H.M. Commissioner to the Seychelles, on the 8th of April.

9. A Tortoise from Digué Island, Seychelles (*Sternotherus subniger*, Gray, P. Z. S. 1863, p. 195); presented by the same gentleman on the 23rd of March.

10. A pair of Ka-Ka Parrots (*Nestor hypopolius*), from New Zealand; presented to the Society by the Acclimatization Society of Canterbury, New Zealand, on the 25th of April.

11. A Boatbill (*Cancroma cochlearia*), obtained in exchange from the Zoological Gardens, Antwerp, on the 25th of April.

12. A male Ground-Hornbill, from West Africa (*Bucorvus abyssinicus*); presented May 6th by C. B. Mosse, Esq., Staff-Surgeon, and the more acceptable, as the Society's collection previously contained three females of this rare and interesting species.

13. Two Eyton's Tree-Ducks (*Dendrocygna eytoni*); presented by the Acclimatization Society of Sydney, New South Wales.

14. Two young Night-herons in immature plumage, purchased May 14th, being apparently the young of *Nycticorax cucullatus* (Wagl.), of Western Africa.

15. Two Yellow-rumped Parrakeets (*Platycercus flaveolus*, Gould), from Australia, purchased May 27th.

16. A young Kite, supposed to be the young of the Square-tailed Kite (*Milvus isurus*, Gould), from Australia, purchased May 27th.

17. Three Maugé's Ground-Doves (*Geopelia maugæi*, Temm., Bp. Consp. ii. p. 94), purchased June 4th.

18. Two Brazilian Tree-Ducks (*Dendrocygna fulva*, Gm.), from Brazil, received June 6th.

19. A male Rosy-billed Duck (*Anas peposaca*, Vieill.), from South America, received June 6th.

20. An Arabian Bustard (*Otis arabs*, Rüpp.), from West Africa, received June 6th.

21. A Senegal Bustard (*Otis senegalensis*, Vieill.), from West Africa, received June 6th.

22. A specimen of the Golden Tiger Cat of Sumatra (*Felis aurata*, Temm.), received in exchange July 17th.

23. A pair of Sæmmerring's Antelopes (*Gazella sæmmerringii*, Cretzsch.), purchased August 21st.

24. A fine example of the black variety of the Leopard (*Felis leopardus*, var. *nigra*), presented to the Society by Major John Pearse, Madras Staff Corps, August 30th. This animal is stated to have been formerly in the menagerie of the Rajah of Mysore.

25. A specimen of the rare Australian Parrot lately described by Mr. Gould in the Society's 'Proceedings' (1861, p. 100), under the name of *Geopsittacus occidentalis*, presented to the Society by Dr. Ferdinand Müller, of Melbourne, C.M.Z.S., and received November 17th by the ship 'Essex,' under the special charge of Capt. Ridgers, the obliging commander of that vessel.

Dr. Müller, who forwarded this bird to the Secretary under the impression that it was undescribed, supplied the following particulars concerning it:—

"This peculiar Parrot was presented to me by Mr. Ryan, on whose sheep-station, on the Gawler ranges west of Spencer Gulf, it was obtained. The most extraordinary circumstance connected with this bird is, that it is *nocturnal*! It lives in the rocky caves of the ranges, and comes out at night to feed."

The following animals, received during the year 1867, constitute additions to the list given in the last edition of the List of Vertebrated Animals in the Society's Gardens. Those marked with an asterisk are believed to

have never been before exhibited in the Society's Menagerie.

MAMMALS.

- *1. *Macacus sancti-johannis*, Swinhoe. St. John's Monkey.
Hab. China.
a. Purchased, Jan. 14, 1867.
b. Presented by T. J. Fawcett, Esq., Oct. 29, 1867.
2. *Cebus fatuellus*, Erxl. White-whiskered Capuchin.
Hab. Brazil.
a. Deposited, Nov. 25, 1867.
3. *Nyctipithecus trivirgatus*, Gray. Douroucouli.
Hab. North Brazil.
a. Purchased, Nov. 30, 1867.
b. Deposited, Dec. 21, 1867.
- *4. *Lemur flavifrons*, Gray. Yellow-fronted Lemur.
Hab. Madagascar.
a. Purchased, May 11, 1867.
5. *Pteropus argentatus*, Gray. Silvered Fruit-Bat.
Hab. China.
a. Deposited, April 29, 1867.
- *6. *Canis laniger*, Hodgs., var. *niger*. Tibetan Wolf.
Hab. Thibet.
a, b. Presented by Lieut. A. A. Kinloch and Lieut. J. Biddulph, Aug. 6, 1867.
- *7. *Canis bengalensis*, Shaw. Bengal Fox.
Hab. India.
a. Presented by E. Fane, Esq., Civil Service, Madras Aug. 8, 1867.
8. *Canis primævus*, Hodgs. Indian Wild Dog.
Hab. India.
a, b. Presented by Capt. Gildea, 21st Fusileers, Aug. 24, 1867.
- *9. *Paradoxurus larvatus*, Gray. Masked Paradoxure.
Hab. Formosa.
a. Received, March 29, 1867.
b. Purchased, Aug. 19, 1867.

- *10. *Galidia elegans*, Is. Geoff. Elegant Galidia.
Hab. Madagascar.
a. Purchased, Dec. 14, 1867.
11. *Felis viverrina*, Benn. Viverrine Cat.
Hab. India.
a. Purchased, Feb. 8, 1867.
- *12. *Felis aurata*, Temm. Golden Tiger Cat.
Hab. Sumatra.
a. Purchased, June 19, 1867.
13. *Felis lynx*, Linn. European Lynx.
Hab. North Europe.
a. Deposited, April 10, 1867.
- *14. *Arctonyx collaris*, Hodgs. Indian Badger.
Hab. Assam.
a. Presented by Dr. J. Anderson, C.M.Z.S., Aug. 6, 1867.
- *15. *Ursus piscator*, Puch. Hairy-eared Bear.
Hab. Northern China.
a. Presented by W. Scott Stonehewer, Esq., Sept. 14, 1867.
- *16. *Ursus formosanus*, Swinhoe. Formosan Bear.
Hab. Formosa.
a. Presented by Robert Swinhoe, Esq., C.M.Z.S., H.B.M.'s Consul at Amoy, Sept. 24, 1867.
17. *Trichechus rosmarus*, Linn. Walrus.
Hab. Davis's Straits.
a. Male. Purchased, Nov. 1, 1867.
- *18. *Sciurus castaneiventris*, Gray. Chestnut-bellied Squirrel.
Hab. China.
a. Purchased, April 3, 1867.
b. Purchased, May 5, 1867.
19. *Sciurus dorsalis*, Gray. Dorsal Squirrel.
Hab. Nicaragua.
a. Purchased, June 17, 1867.

- *20. *Xerus getulus* (Linn.). Getulian Squirrel.
Hab. Province of Haha, Morocco.
a-g. Presented by Sir John H. Drummond Hay, K.C.B.,
 C.M.Z.S., H.M. Minister Resident and Consul-Gen-
 eral, Tangiers, July 4, 1867.
21. *Xerus stangeri* (Waterh.). Stanger's Squirrel.
Hab. West Africa.
a. Purchased, June 22, 1866.
b. Purchased, Dec. 13, 1866.
- *22. *Cricetomys gambianus*, Waterh. Gambian Pouched Rat.
Hab. West Africa.
a. Purchased, Aug. 5, 1867.
23. *Atherura fasciculata* (Shaw). Brush-tailed Porcu-
 pine.
Hab. India.
a. Purchased, Sept. 18, 1867.
24. *Cephalophus mergeus* (Blainv.). Duyker-bok Antelope.
Hab. South Africa.
a. Received, March 27, 1867.
25. *Oreotragus scoparius* (Schreb.). Ourebi Antelope.
Hab. Gambia.
a. Presented by Charles B. Mosse, Esq., Staff-Surgeon,
 May 17, 1867.
26. *Kobus sing-sing* (Benn.). Sing-sing Antelope.
Hab. Gambia.
a. Female. Purchased, Dec. 23, 1867.
27. *Gazella sœmmerringii* (Cretzsch.). Sœmmerring's
 Antelope.
Hab. Abyssinia.
a. Male; *b.* Female. Purchased, Aug. 21, 1867.
- *28. *Cervus equinus*, Cuv. Equine Deer.
Hab. Borneo.
a. Male; *b.* Female. Purchased, June 19, 1867.
- *29. *Cervus eldi*, M'Clell. Panolia Deer.
Hab. British Burmah.
a. Male. Presented by A. Grote, Esq., C.M.Z.S., Aug. 6,
 1867.

30. *Cervulus reevesii* (Ogilby). Reeve's Muntjac.
Hab. China.
a. Male ; *b.* Female. Deposited, Aug. 19, 1867.
31. *Myrmecophaga jubata*, Linn. Great Ant-eater.
Hab. Brazil.
a. Presented by J. A. Palin, Esq., C.M.Z.S., Oct. 4, 1867.
b. Presented by Percy Brandon, Esq., Nov. 8, 1867.
32. *Dasyurus maculatus* (Shaw). Spotted-tailed Dasyure.
Hab. Queensland.
a. Purchased, May 27, 1867.
33. *Bettongia apicalis*, Gould. Tasmanian Jerboa Kangaroo.
Hab. Tasmania.
a, b. Purchased, May 27, 1867.

BIRDS.

1. *Turdus iliacus*, Linn. Redwing.
Hab. British Islands.
a. Presented by Mrs. Mears, Nov. 2, 1867.
- *2. *Copsychus seychellarum*, Newton. Seychelles Copsychus.
Hab. Seychelles.
a. Presented by Dr. E. Percival Wright, Dec. 20, 1867.
- *3. *Menura superba*, Dav. Lyre-bird.
Hab. South-East Australia.
a. Purchased, April 9, 1867.
4. *Enneoctonus collurio* (Linn.). Red-backed Shrike.
Hab. British Islands.
a, b. Purchased, Sept. 25, 1867.
5. *Ampelis garrula* (Linn.). Waxwing.
Hab. Europe.
a, b. Purchased, June 6, 1867.
- *6. *Tachyphonus melaleucus* (Sparrm.). Black Tanager.
Hab. Cayenne.
a. Purchased, June 19, 1867.

7. *Munia maja* (Linn.). Maja Finch.
Hab. India.
a-d. Purchased, April 29, 1867.
8. *Munia ferruginea* (Sparrm.). Javan Maja Finch.
Hab. Java.
a-d. Purchased, April 29, 1867.
9. *Pentheria macrura* (Gm.). Yellow-backed Weaver-bird.
Hab. West Africa.
a. Purchased, April 10, 1867.
b-d. Presented by Miss Charlotte Boyle, April 27, 1867.
10. *Euplectes madagascariensis* (Linn.). Red-headed Weaver-bird.
Hab. Isle of France.
a. Deposited, May 2, 1867.
b, c. Received, Aug. 6, 1867.
11. *Hedymeles ludovicianus* (Linn.). Rose-breasted Grosbeak.
Hab. North America.
a. Presented by A. Downs, Esq., C.M.Z.S., Feb. 28, 1867.
b, c. Purchased, July 29, 1867.
12. *Pyrrhula rubicilla* (Pallas). Bullfinch.
Hab. Europe.
a. Male; *b.* Female. Purchased, Feb. 22, 1867. Russian variety.
13. *Chrysomitris spinoides* (Vig.). Indian Siskin.
Hab. Himalaya.
a-e. Received in exchange, Nov. 11, 1867.
14. *Alauda cristata*, Linn. Crested Lark.
Hab. Africa.
a. Presented by Miss Charlotte Boyle, April 27, 1867.
15. *Molothrus pecoris* (Gm.). Cow-bird.
Hab. North America.
a. Purchased June 19, 1867.
16. *Icterus croconotus*, Wagl. Yellow-backed Hangnest.
Hab. South America.
a. Presented by A. M. Booker, Esq., Aug. 18, 1865.

17. *Sericulus chrysocephalus* (Lewin). Regent Bird.
Hab. Australia.
a. Presented by Dr. Mueller, C.M.Z.S., Jan. 28, 1867.
18. *Perisoreus infaustus* (Linn.). Canada Jay.
Hab. Nova Scotia.
a. Presented by A. Downs, Esq., C.M.Z.S., Feb. 28, 1867.
- *19. *Megarhynchus pitangua* (Linn.). Tyrant Bird.
Hab. Brazil.
a. Purchased, June 19, 1867.
b-d. Purchased, Oct. 11, 1867.
- *20. *Buceros atratus*, Temm. Black Hornbill.
Hab. West Africa.
a. Purchased, Aug. 22, 1867.
- *21. *Buceros elatus*, Temm. West-African Hornbill.
Hab. West Africa.
- *22. *Centropus rufipennis*, Ill. Chestnut Cuckoo.
Hab. India.
a. Purchased, July 11, 1867.
23. *Gecinus viridis* (Linn.). Green Woodpecker.
Hab. British Islands.
a-g. Purchased, June 18, 1867.
24. *Ara hyacinthina* (Lath.). Hyacinthine Macaw.
Hab. Brazil.
a. Purchased, Aug. 20, 1867.
- *25. *Coracopsis barklyi*, Newton. Praslin Parrakeet.
Hab. Praslin Island, Seychelles.
a. Presented by Swinburne Ward, Esq., Civil Commissioner of Seychelles.
- *26. *Geopsittacus occidentalis*, Gould. Western Ground-Parrakeet.
Hab. Western Australia.
a. Presented by Dr. Mueller, C.M.Z.S., Nov. 16, 1867.
- *27. *Euphema bourkii*, Mitch. Bourke's Parrakeet.
Hab. Australia.
a. Purchased, Oct. 30, 1867.

28. *Platycercus flaveolus*, Gould. Yellow-rumped Parakeet.
Hab. Queensland.
a, b. Purchased, May 27, 1867.
29. *Polytelis barrabandii* (Swains.). Barraband's Parakeet.
Hab. New South Wales.
a, b. Deposited, May 23, 1867.
c. Purchased, June 24, 1867.
- *30. *Lorius chlorocercus*, Gould. Green-tailed Lory.
Hab. San Ristoral.
a, b. Purchased, Feb. 5, 1867.
31. *Milvus isurus*, Gould. Long-winged Kite.
Hab. Australia.
a. Purchased, May 27, 1867.
32. *Buteo lineatus* (Gm.). Lineated-Buzzard.
Hab. North America.
a. Presented by E. C. Newcombe, Esq., Feb. 28, 1867.
- *33. *Archibuteo sancti-johannis* (Gm.). St. John's Buzzard.
Hab. Hudson's Bay Territory.
a. Presented by Captain David Herd, H.B.M.C.S., C.M.Z.S.,
 Nov. 12, 1867.
- *34. *Pernis cristatus*, Cuv. Crested Honey-Buzzard.
Hab. India.
a. Purchased, Dec. 6, 1867.
- *35. *Spizaëtus ornatus* (Daud.). Manduyt's Crested Eagle.
Hab. South America.
a. Purchased, Dec. 17, 1867.
36. *Otus brachyotus* (Gm.). Short-eared Owl.
Hab. Europe.
a. Presented by Dr. Bree, Nov. 6, 1867.
- *37. *Athene novæ-seelandiæ* (Gm.). New-Zealand Owl.
Hab. New Zealand.
a. Presented by — Armingier, Esq., July 3, 1867.
b. Presented by the Canterbury Acclimatization Society,
 Christchurch, New Zealand, Aug. 16, 1867.

- *38. *Carpophaga luctuosa* (Temm.). White Fruit-Pigeon.
Hab. Australia.
a. Presented by the Babu Rajendra Mullick, C.M.Z.S.,
 Aug. 6, 1867.
- *39. *Treron sphenura* (Vig.). Singing Pigeon.
Hab. Himalaya.
a. Presented by the Babu Rajendra Mullick, C.M.Z.S.,
 Aug. 6, 1867.
40. *Columba palumbus*, Linn. Wood-Pigeon or Ring-
 Dove.
Hab. British Islands.
a-c. Presented by Robert H. Mitford, Esq., March 22,
 1867.
d-e. Presented by Thomas Worthington, Esq., April 2,
 1867.
f-g. Presented by John Gould, Esq., V.P.Z.S., Oct. 4, 1867.
41. *Columba rufina*, Temm. Rufous Pigeon.
Hab. Brazil.
a, b. Purchased, June 19, 1867.
42. *Macropygia emiliana*, Bonap. Emilian Pigeon.
Hab. Java.
a. Purchased, May, 22, 1866.
- *43. *Geopelia maugæi* (Temm.). Maugé's Dove.
Hab. Timor.
a-e. Purchased, June 4, 1867.
44. *Caccabis bonhami* (Fraser). Bonham's Partridge.
Hab. Persia.
a-d. Deposited, May 20, 1867.
- *45. *Caccabis melanocephala* (Rüpp.). Black-headed Par-
 tridge.
Hab. Abyssinia.
a. Purchased, Oct 30, 1867.
46. *Turnix varia* (Lath.). Varied Hemipode.
Hab. Australia.
a. Male; *b.* Female. Purchased, April 9, 1867.
c, d. Bred in the Gardens, July 14, 1867.

- *47. *Turnix pugnax* (Temm.). Fighting Hemipode.
Hab. India.
a. Presented by A. Grote, Esq., F.Z.S., Aug. 6, 1867.
48. *Penelope superciliaris*, Wagl. White-eyebrowed Guan.
Hab. Brazil.
a. Deposited, July 25, 1867.
- *49. *Otis arabs*, Less. Arabian Bustard.
Hab. Abyssinia.
a. Purchased, June 26, 1867.
- *50. *Otis senegalensis*, Vieill. Senegal Bustard.
Hab. West Africa.
a. Purchased, June 6, 1867.
51. *Otis houbara*, Gm. Houbara Bustard.
Hab. North Africa.
a. Purchased, Sept. 18, 1867.
52. *Vanellus cayennensis*, Gm. Cayenne Lapwing.
Hab. Brazil.
a, b. Presented by George Wilks, Esq., C.M.Z.S., May 4, 1867.
- *53. *Hæmatopus niger*, Cuvier. Black Oystercatcher.
Hab. South Africa.
a, b. Presented by E. L. Layard, Esq., F.Z.S., Dec. 23, 1867.
- *54. *Tribonyx mortieri*, Dubus. Mortier's Water-hen.
Hab. Western Australia.
a. Purchased, July 1, 1867.
55. *Gallinula chloropus*, Linn. Moorhen.
Hab. Island of St. Denis, Seychelles.
a-c. Presented by Edward Newton, Esq., C.M.Z.S., April 8, 1867.
56. *Botaurus stellaris*, Linn. Common Bittern.
Hab. Europe.
a. Presented by the Rev. Benjamin Ruck Keene, Jan. 25, 1867.
b. Presented by the Rev. A. Smith, Jan. 29, 1867.

- *57. *Nycticorax cucullatus* (Licht.). Hooded Night-Heron.
Hab. West Africa.
a, b. Purchased, May 30, 1867.
58. *Cancroma cochlearia*, Linn. Boatbill.
Hab. South America.
a. Purchased, March 6, 1867.
b. Received in exchange, April 25, 1867.
59. *Sarcidiornis regia* (Gm.). Black-backed Goose.
Hab. India.
a. Male; *b.* Female. Purchased, Sept. 18, 1867.
- *60. *Dendrocygna fulva* (Gm.). Fulvous Tree-Duck.
Hab. Brazil.
a, b. Purchased, June 6, 1867.
- *61. *Dendrocygna major*, Jerd. Larger Tree-Duck.
Hab. Madagascar.
a. Male; *b.* Female. Purchased, Sept. 18, 1867.
- *62. *Dendrocygna eytoni* (Gould). Eyton's Tree-Duck.
Hab. North-West Australia.
a, b. Presented by Dr. Geo. Bennett, F.Z.S., May 11, 1867.
63. *Querquedula formosa* (Gm.) Japanese Teal.
Hab. North-Eastern China.
a, b. Males; *c, d.* Females. Purchased, Sept. 24, 1867.
- *64. *Metopiana peposaca* (Vieill.). Rosy-billed Duck.
Hab. Brazil.
a. Purchased, June 6, 1867.
- *65. *Pelecanus mitratus*, Licht. Mitred Pelican.
Hab. India.
a, b. Presented by the Babu Rajendra Mullick, C.M.Z.S.,
 Aug. 6, 1867.
- *66. *Spheniscus demersus* (Linn.). Black-footed Penguin.
Hab. South Africa.
a. Purchased, Oct. 26, 1867.
b. Deposited, Dec. 19, 1867.

REPTILES.

1. *Emys* ——. Indian Terrapin.
Hab. India.
a-h. Presented by Dr. Anderson, C.M.Z.S., Aug. 6, 1867.
2. *Sternotherus subniger*, Gray. Seychellean Tortoise.
Hab. Digué Island, Seychelles.
a. Presented by Swinburne Ward, Esq., Civil Commissioner of Seychelles, March 23, 1867.
3. *Crocodylus bombifrons*, Gray. Crocodile.
Hab. India.
a. Presented by Edmund Penning, Esq., July 22, 1867.
4. *Uromastix spinipes* (Daud.). Egyptian Lizard.
Hab. North Africa.
a. Presented by John D. Carmichael, Esq., May 29, 1867.
5. *Morelia variegata*, Gray. Carpet-Snake.
Hab. Queensland.
a. Purchased, March 11, 1867.
6. *Boa eques*, Eyd. et Soul. Peruvian Boa.
Hab. Guayaquil, Ecuador.
a. Presented by Professor W. Nation, C.M.Z.S., March 8, 1867.
7. *Hyla viridis*, Dum. Green Tree-Frog.
Hab. Europe.
a-d. Presented by F. Coleman, Esq., April 30, 1867.
8. *Pelobates fuscus*, Dum. Mud-Frog.
Hab. Europe.
a-n. Received in exchange, April 27, 1867.

FISHES.

1. *Solea vulgaris*, Cuv. Sole.
Hab. British Waters.

LIST OF ANIMALS WHICH HAVE BEEN BRED IN THE GARDENS
OF THE ZOOLOGICAL SOCIETY BETWEEN THE 1ST OF
JANUARY 1867 AND THE 1ST OF JANUARY 1868.

MAMMALS.

- 2 Vulpine Phalangers (*Phalangista vulpina*, Shaw).
 3 Short-headed Phalangers (*Belideus breviceps*, Waterh.).
 3 Yellow-footed Rock-Kangaroos (*Petrogale xanthopus*,
Gray).
 1 Great Kangaroo (*Macropus giganteus*, Shaw).
 3 Gray's Jerboa Kangaroo (*Bettongia grayi*, Gould).
 2 Bennett's Kangaroos (*Halmaturus bennettii*, Waterh.).
 5 Cashmere-Shawl Goats (*Capra hircus*, Linn.).
 1 Markhoor (*Capra megaceros*, Hutton).
 2 Hybrid Goats, between *Capra megaceros* and *Capra*
beden.
 1 Giraffe (*Camelopardalis giraffa*, Gm.).
 1 Yak (*Bos grunniens*, Linn.).
 1 Zebu (*Bos indicus*, Linn.).
 3 Elands (*Oreas canna*, Pall.).
 1 Bless-bok Antelope (*Damalis albifrons*, Burch.).
 2 Wapiti Deer (*Cervus canadensis*, Briss.).
 1 Sambur Deer (*Cervus aristotelis*, Cuv.).
 1 Barbary Deer (*Cervus barbarus*, Benn.).
 1 Formosan Deer (*Cervus taivanus*, Blyth).
 1 Molucca Deer (*Cervus moluccensis*, Müll.).
 2 Japanese Deer (*Cervus sika*, Temm.).
 1 Persian Deer (*Cervus maral*, Gray).
 3 Andaman Pigs (*Sus andamanensis*, Blyth).
 1 West-African River-hog (*Potamochoerus penicillatus*,
Gray).
 2 Indian Porcupines (*Hystrix leucura*, Sykes).
 2 Viscachas (*Lagostomus trichodactylus*, Brookes).

BIRDS.

- 6 Impeyan Pheasants (*Lophophorus impeyanus*, Lath.).
 10 Swinhoe's Pheasants (*Euplocamus swinhoii*, Gould).
 16 Pallas's Eared Pheasants (*Crossoptilon auritum*, Pall.).
 8 Lineated Pheasants (*Euplocamus lineatus*, Lath. MS.).
 4 Barred-tailed Pheasants (*Phasianus reevesii*, Gray).
 1 Purple Pheasant, or Kaleege (*Euplocamus horsfieldii*,
Gray).
 2 Cheer Pheasants (*Phasianus wallichii*, Hardw.).

- 7 Black-backed Kaleege (*Euplocamus melanotus*, Blyth).
 12 Japanese Pheasants (*Phasianus versicolor*, Vieill.).
 1 Javan Peafowl (*Pavo muticus*, Horsf.).
 1 Brush-Turkey (*Tallegala lathamii*, Gray).
 26 Hybrid Turkeys (*Meleagris gallo-pavo*, Linn.).
 21 Rufous Tinamous (*Rhynchotus rufescens*, Temm.).
 2 Varied Hemipodes (*Turnix varia*).
 1 Black-necked Swan (*Cygnus nigricollis*, Gm.).
 7 Ruddy-headed Geese (*Chloëphaga rubidiceps*, Sclater).
 3 Ashy-headed Geese (*Chloëphaga poliocephala*, Sclater).
 7 Ruddy Sheldrakes (*Tadorna rutila*, Pall.).
 3 Variegated Sheldrakes (*Tadorna variegata*, Gm.).
 13 Bahama Ducks (*Pæcilonetta bahamensis*, Linn.).
 5 Australian Wild Ducks (*Anas superciliosa*, Gm.).
 5 Dusky Ducks (*Anas obscura*, Gm.).
 3 White-crowned Pigeons (*Columba leucocephala*, Linn.).
 2 Vinaceous Turtle Doves (*Turtur vinaceus*, Gm.).
 1 Crested Pigeon (*Ocyphaps lophotes*, Temm.).
 1 Bartlett's Pigeon (*Phlogænas crinigera*, Puch.).
 2 Stock-Doves (*Columba ænas*, Linn.).
 1 Turquoise Parrakeet (*Euphema pulchella*, Shaw).
 3 Crested Ground-Parrakeets (*Calopsitta novæ-hollandiæ*,
 Gm.).
 1 Sun-bird (*Eurypyga helias*, Pall.).
 1 Common Cassowary (*Casuarus galeatus*, Vieill.).
 1 Black-crested Cardinal (*Gubernatrix cristella*, Vieill.).
 1 Rufous-necked Weaverbird (*Hyphantornis textor*,
 Gm.).

REPTILES.

- 6 Great Lizards (*Cyclodus gigas*, Bodd.).
 2 Rattlesnakes (*Crotalus durissus*, Daud.).

The following is a List of Donors and their several Donations to the Menagerie during the year 1867.

Acclimatization Society of Canterbury, New Zealand.

Two Ka-Ka Parrots (*Nestor hypopolius*, Forst.),
 five Black-backed Porphyrios (*Porphyrio melanotus*,
 Temm.), one New Zealand Owl (*Athene novæ-seelan-*
diæ, Gm.).

Acklom, Capt., 60th Regiment.

One Black-fronted Spider Monkey (*Ateles frontatus*,
 Gray).

- Akroyd, C. H., Esq.
One Peregrine Falcon (*Falco peregrinus*, Linn.).
- Allfrey, Mortimer, Esq., F.R.S.
Two Black Rats (*Mus rattus*, Linn.).
- Anderson, Dr. J., C.M.Z.S.
One Indian Badger (*Arctonyx collaris*, Hodgs.), one
Slow Loris (*Nycticebus tardigradus*, Linn.), eight
Water Tortoises (*Emys*, sp. var.), one Dingo Dog
(*Canis dingo*, Blumenb.).
- Andrews, W., Esq.
Six Irish Slugs (*Geomalacus maculatus*).
- Ankers, Edmund A., Commander of the ship 'Pandora.'
One Common Jackal (*Canis aureus*, Linn.).
- Archibald, William, Jun., Esq.
One Coati (*Nasua nasica*, Linn.).
- Armingier, Mr.
One New-Zealand Owl (*Athenæ novæ-seelandiæ*, Gm.).
- Armistead, Miss.
One Love-bird Parrakeet (*Agapornis pullaria*, Linn.).
- Athole, His Grace the Duke of.
Two Cinereous Eagles (*Haliaëtus albicilla*, Linn.).
- Atkinson, Miss.
One Lesser Sulphur-crested Cockatoo (*Cacatua sulphurea*, Gm.).
- Bacon, Mrs.
Two Common Crowned Pigeons (*Goura coronata*, Linn.).
- Barter, Robert, Esq.
One Young Crocodile.
- Beavan, Capt. R. C., C.M.Z.S.
One St.-Helena Seed-eater (*Crithagra butyracea*, Linn.), one Red-headed Weaverbird (*Euplectes madagascariensis*, Linn.), four Indian Siskins (*Chrysomitris spinoides*, Vig.), two pairs of Black-bellied Sand-Grouse (*Pterocles arenarius*, Pallas).
- Bennett, Dr. Geo., F.Z.S.
Two Eyton's Tree-Ducks (*Dendrocygna eytoni*, Gould), one Australian Bustard (*Otis australis*, Gray).
- Biddulph, Lt. J., and Lt. A. A. Kinlock.
Two Tibetan Wolves (*Canis laniger*, Hodgs., var. *niger*).
- Blaine, D. P., Esq.
One Suricate (*Suricata zenik*, Gm.).
- Bolckow, H. W. F., Esq., F.Z.S.
One Common Wolf (*Canis lupus*, Linn.).

- Bond, Frederick, Esq.
One Black Rat.
- Booth, Lieut.
One Chacma Baboon (*Cynocephalus porcarius*, Bodd.).
- Boswell, Mr.
One Nightingale (*Philomela luscinia*, Linn.).
- Boyle, Miss Charlotte.
Two Seed-eaters, one West-African Lark, three West-African Weaverbirds.
- Branco, Jose Manuel de Freitas, Esq.
Two Spotted Hyænas (*Hyæna crocuta*, Erxl.).
- Brandon, Percy.
One Great Anteater (*Myrmecophaga jubata*, Linn.).
- Bree, Dr., F.Z.S.
One Short-eared Owl (*Brachyotus palustris*, Bonap.).
- Bristow, R. L., Esq.
One Common Cuckoo (*Cuculus canorus*, Linn.).
- Browne, S. H., 77th Regiment.
Two Grey Ichneumons (*Herpestes griseus*, Groff.).
- Brushfield, Dr.
Six Common Adders (*Pelias berus*, Merr.).
- Cameron, J. R., Esq.
One Greater Sulphur-crested Cockatoo (*Cacatua galerita*, Lath.).
- Campbell, Colin A., Esq.
One Silky Monkey (*Hapale rosalia*, Linn.).
- Campbell, Mrs. Duncan.
One Serval (*Felis serval*, Schreb.).
- Carmichael, John D., Esq.
One Egyptian Lizard (*Uromastix spinipes*, Daud.).
- Chester, Miss Amy.
One Marmoset Monkey (*Hapale jacchus*, Linn.).
- Clark, F. G., Esq.
Six Puff-Adders (*Clotho arietans*).
- Clifton, Charles, Esq., F.Z.S.
One Pair of Black-winged Peafowl (*Pavo nigripennis*, Sclater), one Pair of White Peafowl (*Pavo cristatus*, var. *alba*, Linn.), one Pair of Common Peafowl (*Pavo cristatus*, Linn.).
- Climenson, Rev. J.
One Peregrine Falcon (*Falco peregrinus*, Linn.).
- Clink, Capt.
One Sambur Deer (*Cervus aristotelis*, Cuv.).

- Clinton, Col.
One Bonnet-Monkey (*Macacus radiatus*, Shaw).
- Coffin, G. P., Esq.
One Grey Ichneumon (*Herpestes griseus*, Geoff.).
- Coleman, F., Esq.
Six Spotted Salamanders (*Salamandra maculosa*, Linn.),
four Green Tree-Frogs (*Hyla viridis*), one Natterjack
Toad (*Bufo calamita*, Laur.).
- Conolly, J., Esq.
One Bonnet-Monkey (*Macacus radiatus*, Shaw).
- Conyngham, The Lord Francis.
Three Common Sheldrakes (*Tadorna vulpanser*,
Flem.).
- Cooke, Rev. G. B. Davies.
One Water-Rail (*Rallus aquaticus*, Linn.).
- Cooper, Capt.
Four Hawk's-billed Turtles (*Caretta imbricata*,
Sch.).
- Cowslade, W. W., Esq.
One Macaque Monkey (*Macacus cynomolgus*, Linn.).
- Cox, Lieut.-Col. C. T.
Two Little Grebes (*Podiceps minor*, Lath.).
- Cust, Lady.
One Crested Guan (*Penelope cristata*, Gm.), one
White Rat (*Mus decumanus*, Linn., var. *albino*).
- Dale, A. K., Esq.
One Lesser Black-backed Gull (*Larus fuscus*, Linn.).
- Delmar, Capt. C. A.
Three Common Kingfishers (*Alcedo ispida*, Linn.).
- Dorey, J., Esq.
Five Common Dormice (*Myoxus muscardinus*, Linn.).
- Downs, A., C.M.Z.S.
One Barred Owl (*Syrnium nebulosum*, Forst.), one
Canada Jay (*Perisoreus canadensis*), one Dusky Duck
(*Anas obscura*, Gm.), one Rose-breasted Grosbeak
(*Hedymeles ludovicianus*, Briss.), seven Noisy Frogs
(*Rana clamata*, Daud.).
- Drummond-Hay, Sir John H.
Seven Getulian Ground-Squirrels (*Xerus getulus*,
Linn.).
- Dundonald, The Earl of.
One Coati (*Nasua nasica*, Linn.).
- Dunn, William, Esq., C.M.Z.S.
One ♀ Gayal (*Bos frontalis*, Lambert).

- Eldridge, G. Jackson, Esq.
One Pair of Greek Partridges (*Caccabis saxatilis*,
Bechst.).
- Elwes, Henry, Esq., F.Z.S.
One Common Badger (*Meles taxus*, Schreb.).
- Elwes, Robert, Esq.
Three Weaverfish, Three Soles (*Solea vulgaris*, Cuv.),
one Flounder (*Platessa fletus*, Linn.), two Cotters,
one Pipefish.
- Enderby, William, Esq.
One Pair of Bennett's Wallabies (*Halmaturus bennettii*,
Waterh.).
- Erskine, Capt. James, R.N., of H.M.S. 'Speedwell.'
One Grey-cheeked Monkey (*Cercocebus albigena*,
Gray), one Mangabey Monkey (*Cercocebus æthiops*,
Kuhl).
- Fane, E., Esq.
One Bengal Fox (*Canis bengalensis*, Shaw).
- Farquhar, the late Sir Eric R. Townsend, Bart., H.B.M.C.S.,
Pekin.
Three Pallas's Eared Pheasants (*Crossoptilon auritum*,
Pall.), one Ring-necked Pheasant (*Phasianus tor-
quatus*, Gm.).
- Fawcett, T. J., Esq.
One St. John's Monkey (*Inuus sancti-johannis*,
Swinhoe).
- Fesser, Francis, Esq., of Havana, Cuba.
Twelve Fournier's Capromys (*Capromys pilorides*,
Say).
- Fleming, John, Esq., F.Z.S.
One Pair of Formosan Deer (*Cervus taivanus*, Blyth).
- Foljambe, C. J., Esq.
One Kangaroo Rat.
- Forester, John R., Esq.
One Slow Loris (*Nycticebus tardigradus*, Linn.).
- Forrome, F., Esq.
One Squirrel Monkey (*Callithrix sciureus*, Linn.).
- Garside, W. D., Esq.
One Pig-tailed Monkey (*Macacus nemestrinus*, Linn.),
three Green-winged Doves (*Chalcophops indica*, Linn.).
- Gaskell, Rev. T. K.
One Ring-necked Parrakeet (*Palæornis torquata*, Linn.).
- Gassiot, John P., Jun., Esq., F.Z.S.
One Pair of Black Swans (*Cygnus atratus*, Lath.).

- Gautrey, Miss.
Three Common Chameleons (*Chamæleon vulgaris*, Daud.).
- Gideon, Capt.
Four small Fishes from Calcutta.
- Gildea, Capt., 21st Fusiliers.
Two Indian Wild Pigs.
- Gill, C. E., Esq.
One Macaque Monkey (*Macacus cynomolgus*, Linn.).
- Goodwin, Robt., Esq., of Pernambuco.
Three Common Boas (*Boa constrictor*, Linn.).
- Gordon, Charles, Esq.
One Rough-legged Buzzard (*Archibuteo lagopus*, Gm.).
- Gordon, The Hon. A. Hamilton, Governor of Trinidad, &c.
One Kinkajou (*Cercoleptes caudivolvulus*, Pall.).
- Gould, John, Esq., V.P.Z.S.
Two Young Wood-Pigeons (*Columba palumbus*, Linn.).
- Grant, F. W. Esq.
Two Musquash (*Fiber zibethicus*, Linn.), two American Thrushes (*Turdus migratorius*, Linn.).
- Greatorrex, Rev. Dan.
Four King Crabs (*Limulus polyphemus*), one Talapoin Monkey (*Cercopithecus talapoin*, Erxl.).
- Greey, Edward, Esq., F.Z.S.
One Long-eared Owl (*Otus vulgaris*, Flem.).
- Gregory, Wm., Esq., H.M. Vice-Consul at Tamsuy.
One Formosan Pig (*Sus taivanus*, Swinhoe).
- Grote, A., Esq., F.Z.S.
One Panolia Deer (*Cervus eldi*, M'Clell.), one Slow Loris (*Nycticebus tardigradus*, Linn.), one Fighting Hemipode (*Turnix pugnax*, Temm.).
- Grove, Thomas, Esq.
One Common Sturgeon (*Acipenser sturio*, Linn.).
- Hall, Rear-Admiral Sir William.
One Cuvier's Gazelle, ♂ (*Gazella cuvierii*, Ogilby).
- Hawes, John Gurney, Esq.
One Chacma Baboon (*Cynocephalus porcarius*, Bodd.).
- Hearn, W. T., Esq.
One Black Rat (*Mus rattus*, Linn.).
- Herd, Capt. David, H.B.C.S., C.M.Z.S.
One Red Fox (*Canis fulvus*, Desm.), one Virginian Owl (*Bubo virginianus*, Gm.), one St. John's Buzzard (*Archibuteo sancti-johannis*, Gm.), one Cross Fox (*Canis fulvus*, Desm.).

- Hill, Hon. Rowland, The.
One Common Otter (*Lutra vulgaris*, Linn.).
- Hoblyn, F. S., Esq.
One Common Magpie (*Pica caudata*, Flem.).
- Howard, W. J., Esq.
One Common Chameleon (*Chamæleon vulgaris*, Daud.).
- Hudson's Bay Company, The.
Two Skunks.
- Hunt, J. Lennon, Esq., H.B.M. Consul, Rio de Janeiro.
Two Common Boas (*Boa constrictor*, Linn.).
- Hutchinson, Major, Bengal Staff Corps.
One Rhesus Monkey (*Macacus erythræus*, Schreb.).
- Jackson, Lt. D. H., 88th Regiment.
One Savigny's Owl (*Bubo ascalaphus*, Sav.).
- Jary, Major R. H. H., F.Z.S.
Two Proteus (*Proteus anguinus*, Shaw).
- Joel, Lewis, Esq., C.M.Z.S.
One Kinkajou (*Cercoleptes caudivolvulus*, Pall.).
- Jones, C. M., Esq.
One Levaillant's Amazon (*Chrysotis levaillantii*, Gray).
- Jones, Henry, Esq.
Four Turtle (young).
- Jubber, Henry.
Two Raccoons (*Procyon lotor*, Linn.).
- Keene, Capt. A. Ruck.
One Kinkajou (*Cercoleptes caudivolvulus*, Pall.).
- Keene, The Rev. Benjamin Ruck.
One Common Bittern (*Botaurus stellaris*, Linn.).
- Keep, Mrs.
One Banded Ichneumon (*Herpestes fasciatus*, Desm.).
- Lakeman, Sir S.
One Griffon Vulture (*Gyps fulvus*, Gm.), one Cinereous Vulture (*Vultur cinereus*, Linn.).
- Lambert, Francis, Esq.
One Macaque Monkey (*Macacus cynomolgus*, Linn.).
- Lampson, Sir Charles M., Bart., Deputy Governor Hudson's Bay Company.
One Canadian Beaver (*Castor canadensis*, Kuhl).
- Lancaster, Thomas, Esq.
One young Chacma Baboon (*Cynocephalus porcarius*, Bodd.).
- Lane, C. Leveson, Esq., Royal Fusiliers.
Two Black Squirrels (*Sciurus niger*, Linn.), one Grey Squirrel (*Sciurus cinereus*, Linn.).

- Larking, Edgar E., Esq.
One Common Adder (*Pelias berus*, Merr.).
- Layard, E. L., Esq., F.Z.S.
Two Black Oystercatchers (*Hæmatopus niger*, Cuv.).
- Lea, Mrs.
One Bonnet-Monkey (*Macacus radiatus*, Shaw).
- Lee, John, Esq.
Two Garden Dormice (*Myoxus nitela*, Schreb.).
- Leeke, Capt.
One Coypu (*Myopotamus coypus*, Mob.).
- Lefevre, Miss M. Shaw.
One Spotted Cavy (*Cælogenys paca*, Linn.).
- Leir, William, Esq.
Two Pinche Monkeys (*Hapale ædipus*, Linn.).
- Liddle, R. R., Esq.
One Pallas Paradoxure (*Paradoxurus pallasii*, Gray).
- Lockhart, Miss.
One Bonnet-Monkey (*Macacus radiatus*, Shaw).
- Lorain, Capt.
One South-African Porcupine (*Hystrix africa-æustralis*, Peters).
- Lord, J. K., Esq., F.Z.S.
Two Common Chameleons (*Chamæleon vulgaris*, Daud.).
- Luce, J. P., Esq.
One Maugé's Dasyure (*Dasyurus maugæi*, Geoff.), one
Laughing Kingfisher (*Dacelo gigantea*, Lath.).
- Macaulay, Robert H., Esq.
One Iguana.
- Marsh, Douglas, Esq.
One Pig-tailed Monkey (*Macacus nemestrinus*, Linn.).
- Marshall, George, Esq.
One Rhesus Monkey (*Macacus erythræus*, Schreb.).
- Maule, Capt.
Two Senegal Parrots (*Pæocephalus senegalensis*, Linn.).
- M'Coskey, William, Esq.
Two Crested Guinea-fowl (*Numida cristata*, Pall.).
- McLachlan, R., Esq.
Two Black Rats.
- Mears, Mrs.
One Redwing (*Turdus iliacus*, Linn.).
- Mercer, F. G., Esq.
One Goliath Heron (*Ardea goliath*, Temm.).
- Mitford, Robert, H.
Three Wood-Pigeons (*Columba palumbus*, Linn.), two

- Turtle Doves (*Turtur auritus*, Ray), two Hybrid
Turtle Doves (*Turtur auritus* and *T. risorius*).
- Monteiro, J. J., Esq.
One Moustache Monkey (*Cercopithecus cephus*, Erxl.).
- Morgan, H., Esq.
One Indian Civet Cat (*Viverricula indica*, Geoff.).
- Moss, G. F.
One Cinereous Vulture (*Vultur cinereus*, Linn.).
- Mosse, Chas. B., Esq.
One ♂ Ground-Hornbill (*Bucorvus abyssinicus*, Gm.),
one Spur-winged Goose (*Plectropterus gambensis*,
Linn.), one Ourebi Antelope (*Oreotragus scoparius*,
Schreb.).
- Mueller, Dr., C.M.Z.S.
One Pennant's Parrakeet (*Platycercus pennantii*, Lath.),
one Western Night Parrakeet (*Geopsittacus occiden-
talis*, Gould), one Dingo (*Canis dingo*), one Regent
Bird (*Sericulus chrysocephalus*).
- Mullick, The Babu Rajendra, C.M.Z.S.
Two Indian Pelicans (*Pelecanus mitratus*), one ♀ Gayal
(*Bos frontalis*, Lambert), four Demoiselle Cranes
(*Anthropoides virgo*, Linn.), two ♀ Peacock Pheasants
(*Polyplectron chinquis*, Temm.), one Bronze Pigeon
(*Carpophaga ænea*, Jerd.), one Singing Pigeon (*Trevo-
n sphenura*, Vig.), one White Fruit-Pigeon (*Carpophaga
luctuosa*, Temm.), one Entellus Monkey (*Semnopi-
thecus entellus*, Linn.).
- Nation, Prof. Wm., of Lima, C.M.Z.S.
One Peruvian Boa (*Boa eques*, Eyd. et Soul.), one
Fitzinger's Snake (*Oxyrrhopus fitzingeri*).
- Nerdrum, Mr.
Two Great Eagle Owls (*Bubo maximus*, Aldrov.).
- Newcombe, E. C., Esq.
One Lineated Buzzard (*Buteo lineatus*), one Common
Kestrel (*Tinnunculus alaudarius*, Briss.).
- Newton, Edward, Esq., C.M.Z.S.
Three Moorhens from the island of St. Denis, Sey-
chelles (*Gallinula chloropus*, Linn.), one Painted Dove
(*Turtur picturatus*, Temm.), one Seychellean Tortoise
(*Sternotherus subniger*, Gray).
- Officers of the 51st Light Infantry, The.
One Indian Antelope (*Antilope cervicapra*, Linn.).
- Owen, F. J., Esq.
Two Brush-Turkeys (*Talegalla lathamii*, Gray).

- Page, Dr.
One Turtle Dove (*Turtur auritus*, Ray).
- Palin, Dr. J. A., C.M.Z.S.
One Great Anteater (*Myrmecophaga jubata*, Linn.),
one Naked-throated Cotinga (*Chasmorhynchus nudicollis*, Vieill.), one Boa.
- Pandorf, T., Esq.
One Malayan Bear (*Ursus malayanus*, Raffl.).
- Pearse, Major John.
One Black Leopard (*Felis leopardus*, Linn., var. *nigra*).
- Penning, Edmund, Esq.
One Alligator.
- Penny, Mr.
One Smooth Snake (*Coronella lævis*, Lacép.).
- Poole, H., Esq.
Three Toads and one Frog from Russia.
- Powell, Frederick, Esq.
One Pair of Egyptian Geese (*Chenalopez ægyptiacus*,
Briss.), one Pair of Common Geese (*Anser ferus*, Linn.,
var. *domestica*).
- Pryor, A., Esq.
One Cinereous Sea-Eagle (*Haliaëtus albicilla*, Linn.).
- Robert, Mrs. Compton.
One Spur-winged Goose (*Plectropterus gambensis*,
Linn.).
- Ross, Mrs.
Five Cape Doves (*Æna capensis*, Linn.).
- Rowley, Geo. Dawson, Esq., F.Z.S.
One Montagu's Harrier (*Circus cineraceus*, Mont.).
- Salvin, Capt.
One Common Cormorant (*Phalacrocorax carbo*,
Linn.).
- Saunders, Howard, Esq., F.Z.S.
One Long-eared Owl (*Otus vulgaris*, Linn.).
- Saunders, Wm., Esq.
One Poe Honey-eater (*Prothemadura novæ-hallandiæ*,
Gm.).
- Selwyn, Rev. Ed. (The family of the late).
One Gray's Jerboa Kangaroo (*Bettongia grayi*, Gould).
- Serocold, C. P., Esq., F.Z.S.
One Black Rat (*Mus rattus*, Linn.).
- Sewell, Dr. R. R.
Two Common Hares (*Lepus timidus*, Linn.).

- Shaw, Charles, Esq.
One Pair of Chinese Geese (*Anser cygnoides*, Linn.).
- Smee, Miss.
One Black Rat (*Mus rattus*, Linn.).
- Smith, Mrs.
One Macaque Monkey (*Macacus cynomolgus*, Linn.).
- Smith, Francis N.
One Macaque Monkey (*Macacus cynomolgus*, Linn.).
- Smith, L. H., Esq.
Two Virginian Colins (*Ortyx virginianus*, Linn.).
- Smith, N. C., Esq.
One Caracal (*Felis caracal*, Schreb.).
- Smith, Rev. R.
One Common Bittern (*Botaurus stellaris*, Linn.).
- Spalding, Henry M., Esq.
One Green Monkey (*Cercopithecus callitrichus*, Is. Geoff.).
- Spring, J. P., Esq.
One Chacma Baboon (*Cynocephalus porcarius*, Bodd.).
- Stewart, Lt. Duncan.
Seven Sœmmerring's Pheasants (*Phasianus sœmmeringii*), two Pairs of Japanese Pheasants (*Phasianus versicolor*, Vieill.), one Chinese Lark (*Melanocorypha mongolica*, Gm.).
- Stidolph, Miss.
One Chameleon (*Chamæleon vulgaris*, Daud.).
- Stonehewer, W. Scott, Esq.
One Hairy-eared Bear (*Ursus lasiotis*, Gray).
- Summerhayes, William, Esq.
One White-lipped Peccary (*Dicotyles albirostris*).
- Sweet, Rev. J. B.
One Common Cuckoo (*Cuculus canorus*, Linn.).
- Swinhoe, Robert, Esq., F.Z.S., H.B.M. Consul at Amoy.
One Formosan Bear (*Ursus formosanus*, Swinhoe), one Swinhoe's Deer (*Cervus swinhoii*, Selater).
- Tanqueray, Mrs.
One Greater Sulphur-crested Cockatoo (*Cacatua galerita*, Lath.).
- Tate, W. R., Esq.
One Common Adder (*Pelias berus*, Merr.).
- Taylor, General Sir Henry G. A., F.Z.S.
One Wanderoo Monkey (*Macacus silenus*, Linn.).
- Taylor, W., Esq.
One Egyptian Fox (*Canis niloticus*, Geoff.).

- Tegetmeier, W. B., Esq., F.Z.S.
 One Wood-Pigeon (*Columba palumbus*, Linn.).
- The Commissioners of South Australia to the French Exhibition.
 Two Australian Eagles (*Aquila audax*, Lath.), one Australian Thick-knee (*Œdicnemus gallarius*, Lath.), one Black-faced Kangaroo (*Macropus melanops*, Gould), one Derbyan Wallaby (*Halmaturus derbianus*, Gray), one Pair of Hairy-nosed Wombats (*Phascolomys latifrons*, Owen).
- The Governor of the Botanic Gardens, Adelaide, N.S.W.
 Two Hairy-nosed Wombats (*Phascolomys latifrons*, Owen), two Vulpine Phalangers (*Phalangista vulpina*, Shaw), one Dingo (*Canis dingo*, Blumenb.), one Wedge-tailed Eagle (*Aquila audax*, Lath.), one Malee Bird (*Leipoa ocellata*, Gould), four Black-backed Porphyrios (*Porphyrio melanotus*, Temm.).
- Thompson, Capt. H. T.
 One Hog Deer, ♂ (*Cervus porcinus*, Zimm.).
- Thompson, James R., Esq.
 One Rhesus Monkey (*Macacus erythræus*, Schreb.).
- Thornton, Edwd., Esq., H.B.M. Minister, Rio de Janeiro.
 One Razor-billed Curassow (*Pauxi mitu*, Linn., two Yarrell's Curassows (*Crax carunculatus*, Temm.).
- Tollemache, —, Esq.
 Twelve Green Lizards (*Lacerta viridis*, Linn.).
- Tootal, Reginald G., Esq.
 One Coati, ♂ (*Nasua nasica*, Linn.).
- Tucker, Wm., Esq.
 One Dingo (*Canis dingo*, Blum.).
- Tytler, Mrs.
 Two Palm-Squirrels (*Sciurus palmarum*, Linn.).
- Underwood, E. W., Esq.
 Three Common Chameleons (*Chamæleon vulgaris*, Daud.).
- Vaudrey, —, Esq.
 Two White Rats (*Mus decumanus*, Linn., var. *alba*).
- Vanner, Prest, and Syth, Messrs.
 One Japanese Pig (female) (*Sus leucomystax*, Temm.).
- Walker, Arthur George, Esq.
 One Coati (*Nasua nasica*, Linn.).
- Wambey, Mrs.
 One Common Peafowl (*Pavo cristatus*, Linn.), three Silk Fowls (*Gallus domesticus*, Linn. var.)

- Ward, Swinburne, Esq., Civil Commissioner of Seychelles.
One Praslin Parrakeet (*Coracopsis barklyi*, Newton).
- Waterhouse, G. R., Esq., F.Z.S.
One West-Indian Snake.
- Whittle, —, Esq.
One White-headed Sea-Eagle (*Haliaëtus leucocephalus*, Linn.).
- Wigram, Money, Esq., F.Z.S.
One Emu (*Dromæus novæ-hollandiæ*, Vieill.).
- Wilks, George, Esq.
Two Cayenne Lapwings (*Vanellus cayennensis*, Gm.).
- Williams, Mrs.
One Jelerang Squirrel (*Sciurus bicolor*, Sparrm.).
- Williams, J. B., Esq.
One Oystercatcher (*Hæmatopus ostralegus*, Linn.).
- Wilson, Mrs.
One Guinea Baboon (*Cynocephalus papio*, Desm.).
- Wimbolt, Miss A. E.
One Rose-crested Cockatoo (*Cacatua moluccensis*, Gm.).
- Wiseman, Commander Sir W. S., R.N.
Two Australian Cranes (*Grus australasiana*, Gould),
two Bronze-winged Pigeons (*Phaps chalcoptera*,
Lath.), two Spotted-eared Owls (*Bubo maculosus*,
Vieill.), one Mooruk (*Casuarus bennettii*, Gould.).
- Wood, W. Burney, Esq.
One Macaque Monkey (*Macacus cynomolgus*, Linn.).
- Worthington, Thomas, Esq.
Two Wood-Pigeons (*Columba palumbus*, Linn.), one
Turtle Dove (*Turtur auritus*, Ray), one White Dove
(*Turtur risorius*, Linn., var. *alba*).
- Wray, C. G., Esq.
One Palm-Squirrel (*Sciurus palmarum*, Linn.).
- Wright, Dr. Percival, F.Z.S.
One Leopard (*Felis leopardus*, Linn.), one Seychelles
Copsychus (*Copsychus sechellarum*, Newton).

Conclusion.

In concluding their Report the Council congratulate the Fellows upon the present prosperous state of every part of the Society's affairs. Ten years ago the number of Fellows was 1716, it is now 2829, and increases rapidly every year. In 1857 the number of visitors to the Gardens was 339,217, in 1867 it was 556,214. In 1857 the income was

£14,822, in 1867 it was £25,041. In 1857 the reserve-fund was £3000, it now amounts to £10,000. On January 1st, 1857, the number of animals in the Menagerie was 1291, on January 1st of the present year it was 2010. These facts cannot prove otherwise than gratifying to the Fellows of the Society.

In conducting the Society's affairs to their present state of prosperity, the Council have to acknowledge the assistance they have received from those gentlemen who have served on the Committees of Publication, Audit, and Finance during the past year.

Signed for the Council,

P. L. SCLATER,

Secretary.

11 Hanover Square, April 29th, 1868.

REPORT
OF THE
AUDITORS OF THE ACCOUNTS
OF THE
ZOOLOGICAL SOCIETY OF LONDON,

Appointed January 16, 1868.

THE Auditors having fully examined the Accounts of the Society, inspected the Books, and seen Vouchers for all the various Payments ordered by the Council for the year ending December the 31st, 1867, respectfully submit to the Society an Abstract of such Accounts, together with a Statement of the Assets and Liabilities at the close of the year, and a Report thereon.

RECEIPTS.

				£	s.	d.			
Balance brought from Dec. 31, 1866				1,384	3	2			
INCOME.									
Belonging to years		£	s.	d.	£	s.	d.		
1861	Proceedings.....				0	19	0		
1862	Annual Subscriptions				2	0	0		
1863	Annual Subscriptions				2	0	0		
1864	Annual Subscriptions	5	0	0	6	1	0		
	Ivory Ticket	1	1	0					
1865	Admission Fees	25	0	0	129	18	0		
	Annual Subscriptions	23	0	0					
	Ivory Ticket	1	1	0					
	Garden Sales	80	17	0					
1866	Admission Fees	180	0	0	951	16	5		
	Annual Subscriptions	115	0	0					
	Ivory Tickets	7	7	0					
	Transactions	79	16	7					
	Proceedings.....	64	10	10					
	Garden Sales	505	2	0					
1867	Admissions to Gardens	12,840	2	6	23,893	14	10		
	Garden Sales	927	5	0					
	Rent for Refreshment Room	780	0	0					
	Admission Fees	1,365	0	0					
	Compositions	1,830	0	0					
	Annual Subscriptions	5,093	9	0					
	Ivory Tickets	81	9	0					
	Transactions	152	12	0					
	Proceedings.....	123	1	11					
	Publications.....	354	5	0					
Dividends, and Interest on Exchequer Bills.....	346	10	5						
1868	Annual Subscriptions	45	0	0	54	9	0		
	Publications.....	8	8	0					
	Ivory Ticket	1	1	0					
1869	Publications				1	1	0		
INCOME RECEIVED IN 1867				25,041	19	3	25,041	19	3
Proceeds of Sale of £2000 Exchequer Bills						2,011	12	0	
						28,437	14	5	

Comparison of Receipts in 1866 and 1867.

<i>Receipts.</i>				
	Income of		Increase.	Decrease.
	1866.	1867.		
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Admission Fees:—				
Past.....	180 0 0	205 0 0	25 0 0	
Present.....	1,835 5 0	1,365 0 0		470 5 0
Annual Subscriptions:—				
Past.....	84 0 0	147 0 0	63 0 0	
Present.....	4,552 15 0	5,093 9 0	540 14 0	
Future.....	66 0 0	45 0 0		21 0 0
Compositions.....	1,730 0 0	1,830 0 0	100 0 0	
Ivory Tickets.....	147 5 0	91 19 0		55 6 0
Admissions to Gardens..	12,428 14 6	12,840 2 6	411 8 0	
Garden Sales.....	1,006 12 9	1,513 4 0	506 11 3	
Rent for Refreshment Room.....	720 0 0	780 0 0	60 0 0	
Publications.....	646 2 0	784 14 4	138 12 4	
Dividends.....	334 6 8	346 10 5	12 3 9	
Miscellaneous.....	647 18 6			647 18 6
	24,378 19 5	25,041 19 3	1,857 9 4	1,194 9 6
Increase....	662 19 10		1,194 9 6	Ded. Decr.
	25,041 19 3	25,041 19 3	662 19 10	
Total Payments in 1867.....			£26,209 5 3	
Total Receipts in 1867.....			25,041 19 3	
Payments over Receipts.....			1,167 6 0	
<i>Dr. Cash</i>				
			£ s. d.	
To Balance brought from December 31, 1866.....			1,384 3 2	
To Proceeds of Sale of £2000 Exchequer Bills.....			2,011 12 0	
To Income received in the Year.....			25,041 19 3	
			28,437 14 5	

Comparison of Payments in 1866 and 1867.

<i>Payments.</i>				
	Expenditure of		Increase.	Decrease.
	1866.	1867.		
	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>
Arrears of previous years	1,962 14 1	2,440 14 11	478 0 10	.....
Rent, Rates, and Taxes	687 10 5	700 17 4	13 6 11	.....
Salaries, Wages, and Pensions	4,230 0 0	4,407 1 3	177 1 3	.....
Cost and Carriage of Animals, including Keepers' Travelling Expenses	1,782 12 7	3,244 17 11	1,462 5 4	.....
Provisions	3,837 11 9	4,003 7 10	165 16 1	.....
Menagerie Expenses	2,058 14 7	2,124 9 1	65 14 6	.....
Keepers' Dresses	151 15 6	135 6 3	.....	16 9 3
New Buildings and Works . .	1,169 6 10	2,115 15 3	946 8 5	.....
Other Works, Materials, and Repairs	2,813 16 3	3,193 12 3	379 16 0	.....
Garden Expenses	767 0 1	840 2 2	73 2 1	.....
Band Expenses	166 2 9	178 18 0	12 15 3	.....
Advertisements	144 1 9	138 12 0	.....	5 9 9
House and Office Expenses . .	384 5 7	425 3 4	40 17 9	.....
Stationery	87 15 9	57 15 10	.....	29 19 11
Printing (Miscellaneous)	212 19 6	144 10 6	.....	68 9 0
Proceedings (including Printing)	1,327 6 2	1,259 14 8	.....	67 11 6
Transactions, ditto ditto	388 1 7	394 12 10	6 11 3	.....
Library Expenses	219 15 7	355 0 10	135 5 3	.....
Returned Subscriptions	22 3 0	48 13 0	26 10 0	.....
Cost of Medals	5 0 0	.....	.....	5 0 0
	22,418 13 9	26,209 5 3	3,983 10 11	192 19 5
Increase	3,790 11 6	.....	192 19 5	Ded. Decr.
	26,209 5 3	26,209 5 3	3,790 11 6	.....
Ordinary Expenditure	19,703 19 8	21,556 10 7	1,852 10 11	.....
Extraordinary ditto	2,714 14 1	4,652 14 8	1,938 0 7	.....
	22,418 13 9	26,209 5 3	3,790 11 6	.....
<i>Contra</i>				<i>Cr.</i>
				<i>£ s. d.</i>
By Expenditure paid in the year (including arrears of 1866)				26,209 5 3
By Balance at Banker's, December 31, 1867				2,228 9 2
				28,437 14 5

The following is a list of the names of the persons who have been admitted to the membership of the Society since the last meeting of the Council, held on the 15th of the month of January, 1885. The names are given in the order in which they were admitted, and are accompanied by the names of the persons who acted as sponsors for them. The names of the persons who acted as sponsors are given in italics. The names of the persons who were admitted are given in plain type. The names of the persons who were admitted are given in plain type. The names of the persons who were admitted are given in plain type.

Wm. G. B. ...
J. H. ...
...



