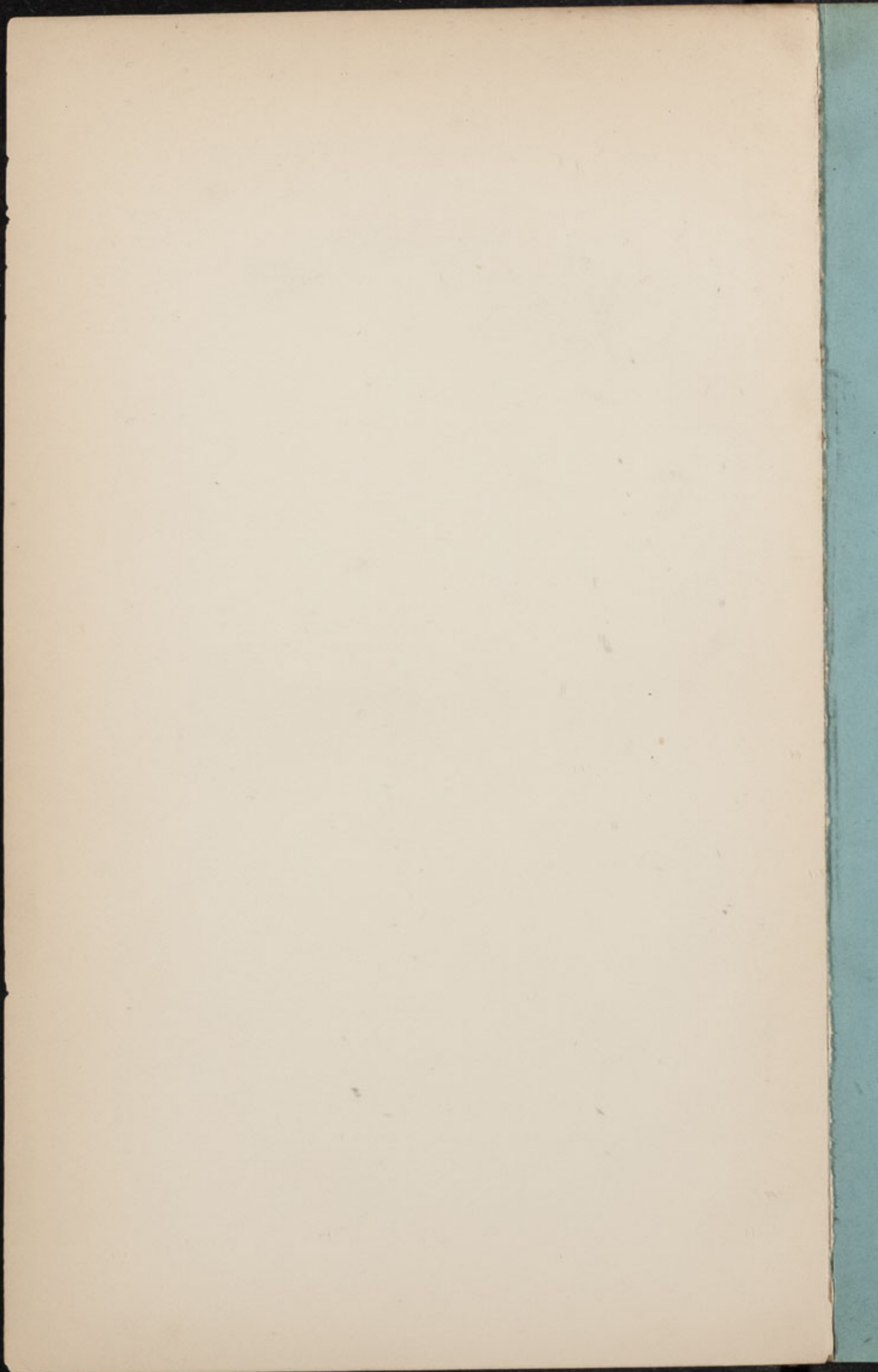


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REPORT
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COUNCIL AND AUDITORS
OF THE
ZOOLOGICAL SOCIETY
OF LONDON,

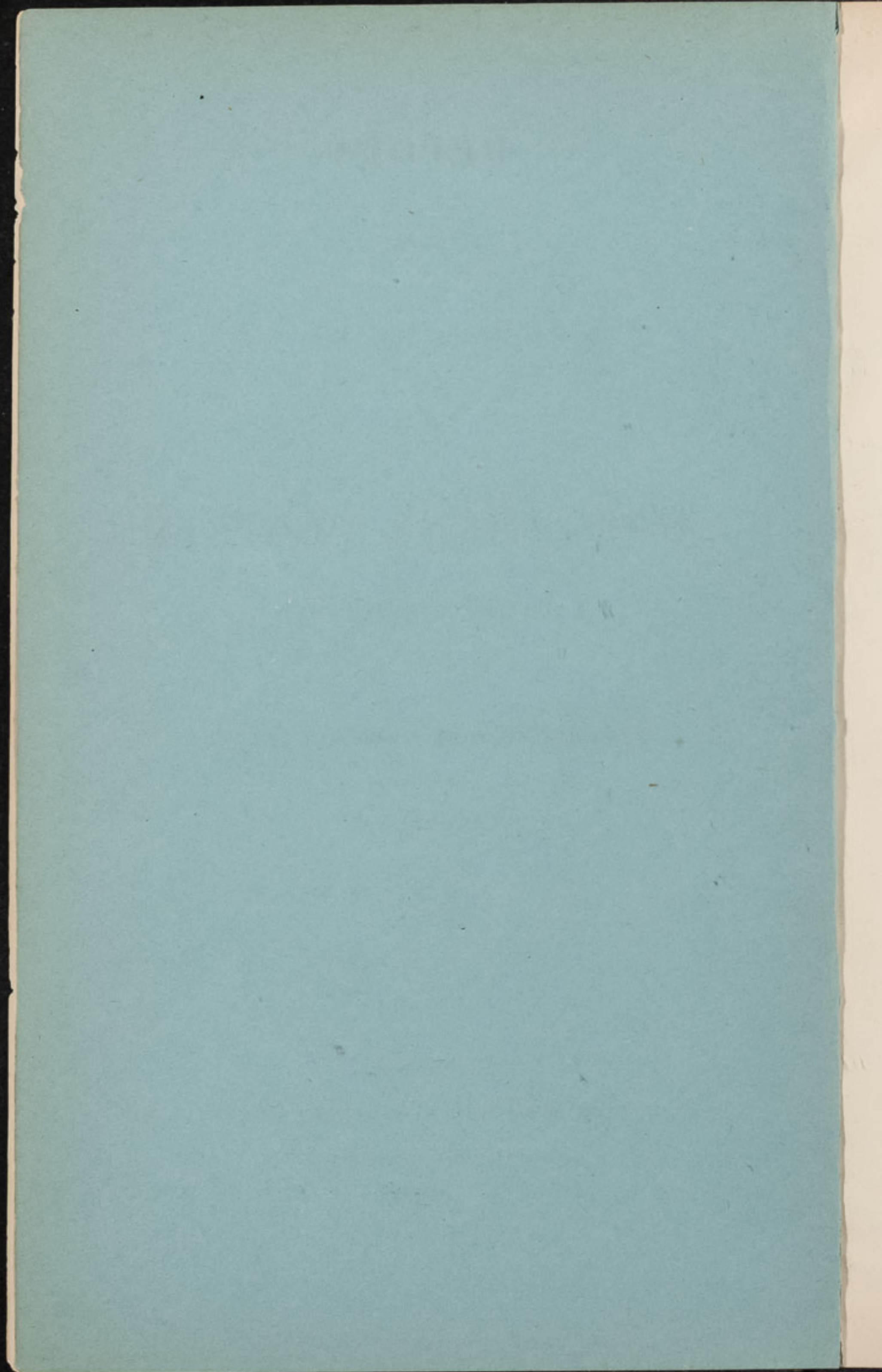
READ AT THE ANNUAL GENERAL MEETING,

APRIL 29TH, 1869.

LONDON:
PRINTED BY TAYLOR AND FRANCIS,

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REPORT OF THE COUNCIL.

April 29, 1869.

IN accordance with the provisions of the Society's Charter, the Council have the pleasure of submitting to the approbation of the Fellows their fortieth Annual Report.

This, in conformity with former Reports, is divided into three heads, the first of which relates to the general condition of the Society, the second to the operations carried on at the office in Hanover Square, and the last to the state of the establishment in the Regent's Park.

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 1868 amounted to 2924. Of these there were—

Compounders, who have paid £20	144
Ditto ditto £30	606
Paying annual contributions of £2	161
Ditto ditto £3	1871
Dormant	51
Admission-fees unpaid	54
Compositions remitted	15
Annual Subscribers, paying . £3	22
	<hr/>
	2924

The following is a comparative statement of the Elections, Deaths, Resignations, and Removals during the past Ten 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.				£2.	£3.
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
1868.	316	3	9	...	17	33	2	28	...	...	2	...	94	2924

It will be observed that the number of Fellows elected and readmitted during the year 1868 was 316. The number of vacancies caused by death in 1868 was 62, by resignation 30, and by removal 2—in all, 94; so that a total addition of 222 Members took place during the year. The corresponding increase in 1867 was 243.

The number of Members on the books on the 1st of January of the present year (2924) is greater than it has been at any period since the year 1840, when it was 2994.

b. *Foreign and Corresponding Members.*

Two new Foreign Members of the Society have been elected during the past year,—namely, Monsieur Paul Gervais, Professor of Zoology in the University of Paris (Sorbonne), and Professor Samuel Lovén, Ph.D., of the Royal Academy of Sciences of Stockholm,—in the place of Professor Van der Hoeven of Leyden, and Professor Flourens, of Paris, both deceased.

The following Corresponding Members have been elected during the past year:—

Prof. Frederick M'Coy, Director of the National Museum, Melbourne.

- Mr. Edward Thomas Rogers, of H.B.M. Consular Service.
 Mr. William Jesse, Zoologist to the Abyssinian Expedition.
 Herr Anton Goering of Saxe Altenburg.
 Dr. Robert O. Cunningham, Naturalist to the Straits of Magellan Survey Expedition.
 M. l'Abbé Armand David, of the French Legation, Pekin.
 Mr. Henry Francis Blanford, Hon. Sec. Asiatic Society of Bengal, 39 Free School Street, Calcutta.
 Dr. Richard Schomburgk, Director of the Botanic Gardens, Adelaide, South Australia.
 Mr. Frederick Leybold, Santiago, Chili.
 His Excellency William C. F. Robinson, Governor and Commander-in-Chief of the Falkland Islands.
 Mr. Geoffrey Nevill, 1 Hastings Street, Calcutta.
 Captain Thomas Hutton, Mussooree, India.
 Mr. William Lodewyk Crowther, Hobart Town, Tasmania.

2. STATE OF THE FINANCES.

a. *Income.*

The total Income of the Society received during the year 1868 was £24,958 7s. 1d., being only £83 12s. 2d. less than the Income of the preceding year. This places the past year second, as regards financial success, after the two Exhibition years 1851 and 1862, as will be seen by the subjoined Table.

Income of the Zoological Society of London.

£		£	
1862	27,397	1857	14,822
1851	26,453	1838	14,090
1867	25,042	1855	14,089
1868	24,958	1858	14,034
1866	24,379	1829	14,030
1865	23,457	1837	13,954
1864	21,713	1839	13,427
1863	20,284	1852	12,803
1836	19,118	1840	12,732
1831	17,559	1841	11,612
1853	17,508	1828	11,512
1854	16,901	1842	10,088
1860	16,864	1843	9,137
1834	16,820	1845	8,831
1861	16,072	1849	8,771
1835	16,030	1844	8,659
1830	15,955	1846	8,305
1832	15,489	1848	8,165
1856	15,280	1847	7,765
1859	15,195	1827	4,078
1850	14,957	1825-6	1,829
1833	14,839		

The following is a comparison of the ten principal sources of Income with the corresponding amounts received in 1867 :—

	Income of						Increase.			Decrease.		
	1867.			1868.								
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
1. Admission Fees	1,570	0	0	1,610	5	0	40	5	0			
2. Annual Subscriptions	5,285	9	0	5,911	18	0	626	9	0			
3. Compositions	1,830	0	0	1,410	0	0				420	0	0
4. Ivory Tickets	91	19	0	83	11	0				8	8	0
5. Admission to Gardens	12,840	2	6	12,651	4	0				188	18	6
6. Garden Sales	1,513	4	0	1,496	10	1				16	13	11
7. Rent of Refreshment Room...	780	0	0	780	0	0						
8. Publications.....	784	14	4	697	8	5				87	5	11
9. Dividends, &c.	346	10	5	292	10	0				54	0	5
10. Miscellaneous				25	0	0	25	0	7			
	25,041	19	3	24,958	7	1	691	14	7	775	6	9

To the income received during the year must be added the balance carried over from the year 1867, which, upon reference to the Auditor's Report for that year, will be

found to have been £2,228 9s. 2d. The total sum thus available for the expenditure of the year amounted to £27,186 16s. 3d.

b. *Expenditure.*

This sum of £27,186 16s. 3d. was disposed of in the following manner. The sum of £22,381 9s. 7d. was required for the ordinary Expenditure of the Society, including the arrears of the previous year. The sum of £3931 14s. 1d. was devoted to extraordinary Expenditure, in the manner stated below. This left a balance of £873 12s. 7d. 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 expenditure during the year 1868, and a comparison of them with the amounts paid under the corresponding heads in 1867.

	Expenditure of		Increase.	Decrease.
	1867.	1868.		
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Arrears of previous years...	2,440 14 11	2,838 14 3	397 19 4	.....
Rent, Rates, and Taxes.....	700 17 4	753 8 4	52 11 0	.....
Salaries, Wages, and Pen- sions	4,407 1 3	4,529 11 1	122 9 10	.....
Cost and Carriage of Animals	3,244 17 11	2,521 10 1	.....	723 7 10
Provisions	4,003 7 10	4,107 15 11	104 8 1	.....
Menagerie Expenses	2,124 9 1	1,866 8 10	.....	258 0 3
Keepers' Dresses	135 6 3	213 5 9	77 19 6	.....
New Buildings and Works...	2,115 15 3	1,991 17 6	.....	123 17 9
Other Works, Materials, and Repairs	3,193 12 3	3,280 9 3	86 17 0	.....
Garden Expenses	840 2 2	783 8 10	.....	56 13 4
Band Expenses	178 18 0	165 14 6	.....	13 3 6
Advertisements	138 12 0	130 0 6	.....	8 11 6
House and Office Expenses.	425 3 4	467 6 9	42 3 5	.....
Stationery	57 15 10	68 11 0	10 15 2	.....
Printing (Miscellaneous) ...	144 10 6	286 19 9	142 9 3	.....
Scientific Publications	1,654 7 6	1,997 18 8	343 11 2	.....
Library expenses	355 0 10	248 10 8	.....	106 10 2
Returned Subscriptions ...	48 13 0	61 12 0	12 19 0	.....
	26,209 5 3	26,313 3 8	1,394 2 9	1,290 4 4

Deducting the decrease from the increase, it will be seen that the expenditure of 1868 only exceeded that of 1867 by the amount of £103 18s. 5d.

The extraordinary expenditure of 1868 may be ranged under the following heads:—

	£	s.	d.
1. New Buildings and Works in Gardens . . .	3165	19	1
2. New Buildings and Works at Hanover Square	123	6	1
3. Special Grants for acquisition of new Animals for the Menagerie:—			
<i>a.</i> Abyssinian Expedition	100	0	0
<i>b.</i> Falkland Islands ditto	507	8	11
<i>c.</i> Chinese Animals	25	0	0
4. For commencement of Keepers' Library	10	0	0
	<hr/>		
	£3931	14	1

Further explanations concerning these items will be given in the subsequent sections of the Report.

c. Reserved 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.

At the same time the Council think it right to state that it will in all probability be necessary to sell out a portion of this sum during the present year, in order to meet the expenditure consequent upon the completion of the important buildings now in progress in the Society's Gardens.

d. Assets and Liabilities.

The Assets of the Society on the 31st of December 1868, and corresponding amounts on the 31st of December 1867, stand as follows:—

	1867.			1868.		
	£	s.	d.	£	s.	d.
Cash at the Bankers'	2,228	9	2	873	12	7
Paid for £10,000 Red. 3 per Cents.	9,356	2	10	9,356	2	10
Amount due for Annual Subscriptions.....	456	0	0	399	0	0
" " Ivory Tickets	15	15	0	14	14	0
" " Publications	245	16	9	272	17	1
" " Garden Sales	648	11	6	502	9	0
	<hr/>			<hr/>		
	12,950	15	3	11,418	15	6

The amount of Liabilities at the corresponding periods were estimated as follows:—

	1867.			1868.		
	£	s.	d.	£	s.	d.
Rent and Taxes.....	290	4	7	246	11	8
Bills	2,548	9	8	2,120	0	8
	2,838	14	3	2,366	12	4

II. OFFICE, 11 HANOVER SQUARE.

1. SCIENTIFIC MEETINGS.

The Scientific Meetings were regularly held at the Society's rooms in Hanover Square during the year 1868. No less than 129 different communications on various zoological subjects were made to the meetings during the year. Seventy-eight of these were from Fellows, six from Foreign Members, and twenty from Corresponding Members of the Society. The remaining twenty-five papers were from individuals not belonging to the Society, and were communicated to it by the Secretary or by other Members.

2. SCIENTIFIC PUBLICATIONS.

The third and last part of the volume of 'Proceedings' for 1868 was published about a month ago, and has been already issued to the Subscribers. The whole volume for 1868 contains 678 pages, and is illustrated by 45 (mostly coloured) plates and a large number of woodcuts.

The following Parts of the Society's 'Transactions' were issued during the year 1868:—

VOL. VI. PART V.

Description of the Remains of three Extinct Species of Elephant collected by Captain Spratt, C.B., R.N., in the Ossiferous Cavern of Zebbug, in the Island of Malta. By George Busk, F.R.S.; partly from the Notes of the late H. Falconer, M.D., F.R.S. With ten plates.

On a Species of Dormouse (*Myoxus*) occurring in the Fossil State in Malta. By A. Leith Adams, M.B., F.G.S. With one plate.

VOL. VI. PART VI.

On the Osteology of the Cachalot or Sperm-Whale (*Physeter macrocephalus*). By William Henry Flower, F.R.S., F.R.C.S., F.L.S., F.G.S., F.Z.S., Conservator of the Museum of the Royal College of Surgeons of England. With seven plates.

On a picture supposed to represent the Didine Bird of the Island of Bourbon (Réunion). By Alfred Newton, M.A., F.L.S., F.Z.S., &c. With one plate.

VOL. VI. PART VII.

An account of the Fishes of the States of Central America, based on collections made by Capt. J. M. Dow, F. Godman, Esq., and O. Salvin, Esq. By Albert Günther, M.A., M.D., Ph.D., F.R.S., F.Z.S. With twenty-five plates.

The eighth part of the sixth volume of the 'Transactions,' which is now in the press, will complete the volume.

The whole of these works, the published price of which amounts altogether to £8 7s. 6d., were delivered to such Fellows and other Members as subscribe to the Society's publications for the sum of £1 1s. paid in advance, according to the present regulations on this subject.

In order to give better accommodation to the stock of publications, and to afford facilities for their more regular issue, it has been found necessary to increase the space upon the ground-floor of the Society's Office. This has been accomplished by the erection of a new room at the back at a cost of £107 8s. 1d., which sum is charged to the extraordinary expenditure of the past year.

3. LIBRARY.

The sum of £291 16s. 11d. has been devoted to the purchase of new zoological works for the Library during the past year.

Besides these 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 Physicians, London.
 The Pharmaceutical Society.
 The Entomological Society, London.
 The Royal Society of Literature.
 The Quekett Microscopical Club.
 The Plymouth Institution.
 The Royal Institution of Cornwall.
 The Literary and Philosophical Society of Leeds.
 The Literary and Philosophical Society of Liverpool.
 The Literary and Philosophical Society of Hull.
 The Natural-History Society of Northumberland, Durham, and Newcastle-upon-Tyne.

SCOTLAND.

- The Royal Society of Edinburgh.
 The Royal Physical Society of Edinburgh.

IRELAND.

- The Royal Dublin Society.

EAST INDIES.

- The Asiatic Society of Bengal.
 The Asiatic Society of Bengal—North-China Branch.

AUSTRALIA.

- The Royal Society of Victoria.
 The Acclimatization Society of Victoria.

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 Academy of Sciences, St. Louis.
 The Chicago Academy of Science.
 The Museum of Comparative Zoology, Cambridge, Mass.
 The Peabody Academy of Sciences, Mass.

FRANCE.

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

RUSSIA.

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

SCANDINAVIA.

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

SWITZERLAND.

The Natural-History Society, Bern.
 The Swiss Natural-History Society, Rheinfelden.
 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, Liége.

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 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 Natural-History Union, Bremen.
 The Zoological and Botanical Society of Vienna.
 The University and Royal Society of Sciences, Göttingen.
 The Natural-History Society, Halle.
 The Natural-History Society of Freiburg.
 The Medical and Natural-History Society of Jena.
 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 Osbert Salvin, Esq., F.Z.S.; M. Alphonse Milne-Edwards; Professor J. V. Barboza du Bocage; Professor J. D. Dana; Mr. B. Quaritch; Dr. Ernst Haeckel; Robert Brown, Esq.; Dr. Behn; Sir Charles Lyell, Bart.; Robert Hardwicke, Esq.; Admiral Sir William Bowles; S. Maskew, Esq.; Dr. Burmeister; Professor A. Malm; E. L. Layard, Esq.; Wm. H. Edwards, Esq.; Dr. F. H. Storer; A. R. Wallace, Esq., F.Z.S.; M. Ad. Quetelet; MM. Crosse and Fisher; Dr. F. Troschel; Don Felipe Poey; George W. Tryon, jun., Esq.; Prof. J. G. Schiödte; Professor Newton, F.Z.S.; M. A. Dubois; Isaac Lea, Esq.; the Trustees of the British Museum; the National Academy, Washington; the Executive Committee of Vassar College; the Geological Survey of Canada; the Regents of the New York State Library and the United States Agricultural Department.

III. GARDENS, REGENT'S PARK.

1. BUILDINGS AND WORKS.

The numerous buildings in the Society's Gardens have been kept in an efficient state of repair since the last Anniversary. The following new works and buildings have been also undertaken, partly under contract, and partly by extra workmen added for that purpose to the Society's staff.

	£	s.	d.
i. Completion of new Deer-house	732	6	0
ii. New Water-tank	433	0	3
iii. New Elephant-house	1570	12	9
iv. Other smaller works, viz. :—			
Burning clay for new Buildings	£ 114	s. 15	d. 0
Temporary addition to Rhinoceros-house	46	3	3
Addition to Hippopotamus-house	28	2	11
Excavation for new Refreshment-room	76	19	10
Enlarging Sea-Lion's house	26	0	3
New Wall and Sheds on canal-bank	46	18	11
Warming - apparatus for Western Aviary	62	0	0
New Roadway over Tunnel	15	12	5
New Gazelle-sheds (commencement)	9	7	6
New Gardeners' shed	4	0	0
	<hr/>		
	430	0	1
	<hr/>		
	£3165	19	1

i. *New Deer-house.*

Of the new Deer-house the Council have already spoken in their Report to the Society for the year 1867. The sum of £1695 18s. 3d. had been spent upon it up to the close of that year. The further sum of £732 6s., devoted to it during the year 1868, raised the total cost of this building, together with the adjoining yards and fences, to a little over £2400; which sum, considering its dimensions

and the large amount of accommodation thereby afforded, has, as the Council believe, been well and economically expended upon it.

ii. *New Water-tank.*

The large reservoir, situated near the Broad-walk in the south-eastern corner of the Gardens, has been in bad order for several years, and, in spite of a considerable expenditure upon it for repairs, was found to be constantly leaking. Not only was the Society's heavy bill for water thus increased, but the adjoining part of the Gardens was much injured by the wet. Under these circumstances the Council determined in 1867 to replace the reservoir by an iron tank, made after the plan now usually adopted at railway-stations. This was successfully accomplished in 1867 at a total cost of £469 13s. 3d., of which £36 13s. was paid during the year 1867, and the remainder (£433 0s. 3d.) constitutes one of the principal items of extraordinary expenditure of the year last past.

The new tank has been found to answer its purpose very well, and, being placed at a higher level, gives an increased water-pressure over the whole Gardens, so that it has been found practicable to introduce the mode of watering by hydrants and india-rubber hose, so well-known on the continent. At the same time a large spare plot of ground has been obtained (occupied by the former reservoir) which the Council think will be a good situation for a new Fish-house, so soon as the necessary funds can be spared for that purpose.

iii. *New Elephant-house.*

The larger Deer having been removed to their new quarters on the south Gardens, and the space occupied by the old Wapiti-house having been cleared, the Council commenced in the summer of last year the erection of a large new House for Elephants and Rhinoceroses upon the site thus obtained, according to the arrangements announced in their last Report. The plans for the new building were drawn by Mr. Anthony Salvin, junior, the Society's Architect. Several well-known firms of Builders were invited to tender for its construction, and the lowest tender, sent in by Messrs. Gammon and Co., of York Road, Lambeth, was accepted. This amounted to £2596

for the centre and one wing of the building, and £1324 for the remaining wing, together to £3920. The contractors were bound by their contract to have had the first portion ready on the 1st of November last; and the Council were very anxious to have removed the African Elephants into the new building before Christmas, their present temporary situation in the Eland-house being very inconvenient and ill-adapted for these animals. In these hopes the Council regret to say they were disappointed, the contractors, owing, as they allege, to causes not under their control, having been unable to complete the first portion of the building at the time specified. But the remaining portion was commenced early in the year, and has been lately completed, so that the opening of the whole building will not be long delayed after the period originally determined upon.

The sum of £1570 12s. 9d., being the first portion of the expenditure of the new Elephant-house, was paid in 1868, and forms the third principal item of extraordinary expenditure for that year.

2. VISITORS.

The total number of visitors to the Gardens in the year 1868 was 573,186, being 16,972 more than in the year 1867. They are divisible as follows:—

	1867.	1868.	Comparison.	
Fellows and Friends	153,712	167,923	Incr. 14,211	
Paying {	On ordinary days at 1s. each	121,658	113,894	Decr. 7,764
	On Mondays and other days at 6d. each	238,934	247,514	Incr. 8,580
	Children under 12 years at 6d. each	31,355	30,746	Decr. 609
Charity Children and others {having free admission	10,555	13,109	Incr. 2,554	
	556,214	573,186	Incr. 16,972	

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 there were a greater number of entrances in 1868 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 1868.

Year.	Number.	Year.	Number.
1828	98,605	1849	168,895
1829	189,913	1850	360,402
1830	223,420	*1851	667,243
1831	262,193	1852	305,203
1832	206,652	1853	409,076
1833	211,343	1854	407,676
1834	208,583	1855	315,002
1835	210,068	1856	344,184
1836	263,372	1857	339,217
1837	173,778	1858	351,580
1838	179,197	1859	364,356
1839	158,432	1860	394,906
1840	141,009	1861	381,837
1841	132,616	*1862	682,205
1842	107,459	1863	468,700
1843	98,280	1864	507,169
1844	101,527	1865	525,176
1845	99,615	1866	527,349
1846	100,045	1867	556,214
1847	93,546	1868	573,186
1848	143,630		

3. MENAGERIE.

The number of animals living in the Society's Menagerie has not varied greatly since the issue of the last Report. The following Table shows the corresponding numbers at the close of the last four years :—

	December 31.			
	1865.	1866.	1867.	1868.
Quadrupeds	490	535	531	616
Birds	1365	1305	1320	1220
Reptiles.....	101	173	159	134
	1956	2013	2010	1970

There have, however, been some very remarkable additions to the collection during the year 1868, as the following list of the principal novelties will show :—

1. A young Caiman from Paraguay, presented by George

* Exhibition years.

Wilks, Esq., C.M.Z.S., February 4th. This specimen was determined by Dr. Gray as belonging to his species *Jacare longiscutata*, and was of interest as indicating the true *patria* of this rare species.

2. A Smooth-headed Capuchin Monkey (*Cebus monachus*, F. Cuv.), remarkable for its large head covered with short recumbent hairs, very different from those of the *Cebi* ordinarily seen in the Society's Menagerie, where this species is believed to have never been exhibited before. The present individual was deposited by Mrs. Pascoe Dupré Grenfell, on the 26th of February.

3. A Thick-tailed Opossum (*Didelphys crassicaudata*, Desm.), from the Argentine Republic, presented by George Wilks, Esq., C.M.Z.S., March 5th, being a fine example of this rare species.

4. A Burrowing Owl (*Pholeoptynx cunicularia*, Mol.) from the same locality, and presented by the same donor. No sooner was this bird placed in its cage than, true to its habits, it excavated a hole in the soil at the bottom, into which it always retreats when threatened.

5. A Wrinkled Hornbill (*Buceros corrugatus*, Temm.) from Borneo, obtained by purchase on the 27th March.

6. A male example of the Bornean Fire-backed Pheasant (*Euplocamus nobilis*, Sclater, P. Z. S. 1863, p. 119, t. xix.) obtained at the same time, and believed to be from the same locality.

7. A White-billed Parrot (*Tanygnathus albirostris*, Wallace, P. Z. S. 1862, p. 336) from Celebes.

8. A male Lyre-bird (*Menura superba*) presented by the Hon. John Ellis, April 21st, making up a pair of this extraordinary bird then living in the Society's Gardens.

9. A specimen of the rare Marmoset Monkey (*Hapale argentata*, Linn.), purchased of a Liverpool dealer, and stated to have been received from the Amazons.

10. A pair of the Wild Ass of the Syrian deserts (*Equus hemippus* of the late Isidore Geoffroy St.-Hilaire), of much interest as rendering the Society's series of the living species of this group complete. This pair of animals was obtained by exchange from the Jardin d'Acclimatation, Paris, on the 2nd of May.

11. A young male of the Regent Bird (*Sericulus chrysocephalus*), purchased on May 14th, being the first specimen of this remarkable bird that has reached the Society's Gardens alive. The Society's correspondent, Dr. F. Muel-

ler of Melbourne, had previously forwarded a living example of this bird, which, unfortunately, died in the vessel after it had reached the docks.

12. An African Fruit-Bat (*Cynonycteris collaris*) which had been captured at sea off the St. John's river, Natal, March 1st, 1868, and was purchased the 27th of May. This animal is placed in the Monkey-house along with the Indian Fruit-Bat (*Pteropus medius*), which has been living in the Society's Menagerie ever since October 1863.

13. A pair of the beautiful Green Hunting-Crow of Northern India (*Cissa venatoria*), purchased June 2nd, and believed to be the first examples of this form received alive in Europe.

14. An Australian Fruit-Bat (*Pteropus poliocephalus*, Temminck), from New South Wales, presented by H.R.H. the Duke of Edinburgh, July 4th.

15. A young male Koodoo Antelope (*Strepsiceros kudu*), purchased July 16th out of a large collection of living animals made by M. Casanova in the vicinity of Casalá, Lower Nubia.

16. A young female of the Spanish Ibex (*Capra pyrenaica*, Schimper), presented by Major Howard Irby, August 10th. Another correspondent of the Society has promised to supply a male of this interesting species.

17. A very fine young female of the Hoolock Gibbon (*Hylobates hoolock*), presented by Mr. A. Grote, F.Z.S., August 14th, who has communicated to the Society the following note respecting this animal:—

“ This Hoolock was sent to me early in 1867, by Mrs. Driver, of Gowalpara, a civil station on the western border of the Assam province. The animal is common in the jungles of the Gowalpara district, on the left bank of the Barhampooter; and its young are frequently captured by the natives and brought into the station, though, being impatient of confinement, they are not usually, so far as I can learn, kept alive for any time. Those which are sent down to Calcutta seem very sensitive to the change of climate, and are generally carried off by pulmonary disease. The individual which I brought home was attacked within a week of her reaching me at Alipore, and would probably have succumbed but for the unremitting attention of Dr. John Anderson, the Society's agent in Calcutta, to whom I had made her over. She was for more than a year in the Botanic Gardens, and, being allowed a good deal of

liberty there, kept her health very well. She has grown considerably since she was first sent down to me."

18. A specimen of the Large White Crane of Upper India (*Grus leucogeranos*), presented by the Babu Rajendra Mullick, of Calcutta, C.M.Z.S., August 14th.

19. A young female Sea-Lion (*Otaria jubata*), from the Falkland Islands, received August 24th.

This individual was the only survivor of eight examples of this animal captured in various spots on the coast of the Falklands by Adolphe Alexandre Lecomte, the Society's keeper, who was sent out there by the Council of the Society for the purpose of obtaining living specimens of it.

20. A young male African Two-horned Rhinoceros (*Rhinoceros bicornis*), purchased September 11th. This animal, which is believed to be the first individual of the species which had reached Europe alive since the days of the Romans, was purchased for the Society of Mr. Carl Hagenbeck, the well-known dealer of Hamburg. It was originally captured, on the 12th of February 1868, by the Arabs of the Beni-Ammer tribe, in the vicinity of Casalá, in Upper Nubia, and was sold by them to Herr Casanova, an enterprising traveller of Vienna. Pending the completion of the new house for Rhinoceroses and Elephants, now in process of erection, this Rhinoceros is temporarily lodged in the Giraffe-house.

21. Two specimens of the Dotted-jawed Cayman (*Jacare punctulata*), obtained in the Island of Tobago and presented to the Society by Capt. Spicer, of the ship 'Mary,' on the 18th of September.

22. A Pampas Cat (*Felis pajeros*) from La Plata, being a beautifully marked species quite new to the Society's collection.

23. Two Black-billed Sheath-bills (*Chionis minor*, Hartl.) from the Crozette Islands, presented by E. L. Layard, Esq., F.Z.S., on the 26th of October.

24. A fine specimen of the Aard-Wolf of the Cape of Good Hope (*Proteles lalandii*), purchased by the Society, October 26th, of Capt. W. R. Dixon, of the Cape Mail Company's service, and believed to be the first example of this rare mammal ever brought to Europe alive.

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 £2099 9s. 10d.

Besides this, however, special expenses connected with the increase of the Menagerie, amounting altogether to £632 8s. 11d., were incurred under the following circumstances.

The young male Sea-Lion (*Otaria jubata*) acquired by the Society in 1866, having proved to be an animal of no ordinary interest both to scientific observers and to the public, the Council, as already announced to the Society in their Report of the year 1867, made arrangements to obtain another individual of the same species to replace it. To this end they despatched to the Falkland Islands, in June 1867, the keeper François Lecomte with instructions to endeavour to bring home as complete a living collection as possible of the Mammals and Birds of those islands.

Lecomte left Swansea on the 1st of June, 1867, in the coal-ship 'Epsilon' (Capt. Williams), and arrived at Port Stanley on the 11th of August. The first fortnight after his arrival he devoted to excursions along the shores in the vicinity of Port Stanley, but found little of interest here. In the middle of September Lecomte went to Capt. Packe's establishment at Island Harbour, and stayed there a month, searching the creeks and shores diligently in that vicinity. In December Lecomte returned to Port Stanley, where Governor Robinson most kindly gave him a room in Government House whilst engaged in preparing specimens and prosecuting researches for the Society. His Excellency likewise allowed him the use of a schooner of eight tons burden, in which he made several voyages to Volunteer Lagoon and the adjoining shores of East Falkland. This was in the month of December, when the various species of Penguins, of which Lecomte made a considerable collection, are most easily captured.

About the beginning of March Lecomte left Port Stanley again in the Governor's schooner for "Sea-Lion Island," off the south shore of East Falkland, with the expectation here, at least, meeting with the animal whence the island has received its name. But he was again disappointed, not a single Sea-Lion having been found in this locality. But on the southernmost of the Kelp Islands, lying further north, which were visited on the return voyage, a herd of about thirty individuals of this animal was discovered; an old male (of which the skull was preserved) was shot, and four young ones (two males and two females) were captured. The female Sea-Lion produces her young (rarely more

than one at a birth) about Christmas-day, so that these animals were probably between three and four months old when captured. Lecomte returned at once to Port Stanley with his captives, but found much difficulty in rearing them. The supply of milk was limited, and small fishes, such as they could eat, were with difficulty to be had. The last of the four died upon Good Friday (April 10th), whereupon he immediately determined to set about getting a fresh supply.

The governor's schooner being now employed upon other service, Leconte hired for this purpose the schooner 'Felis' (Capt. Hansen), a vessel of about 20 tons, usually engaged in the Penguin and Seal fishery, and left Port Stanley on May 23rd. At Kelp Island, the first spot visited, they could not land from bad weather, but Sea-Lions were observed with the glass. On the 30th of May they were on Great Island in Adventure Bay, and here succeeded in capturing the only two Sea-Lions met with, both of which were young females. On the 8th of June two others (one male and one female) were taken at North Point Island, off the same coast, the female being that which is now in the Society's Gardens, and Leconte immediately returned with all four of them to Port Stanley.

From Port Stanley Leconte proceeded home by the packet 'Fawn,' which meets the mail-steamer at Monte Video, with the following living animals:—

- 4 Sea-Lions (*Otaria jubata*).
- 1 Gentoo Penguin (*Pygosceles wagleri*).
- 4 Rock-hopper Penguins (*Eudyptes nigrivestis*).
- 6 Kelp Geese (*Chloëphaga magellanica* and *C. antarctica*).
- 9 Logger-headed Geese (*Micropterus cinereus*).
- 8 Johnny Rooks (*Milvago australis*).
- 7 Cormorants (*Phalacrocorax magellanicus* and *P. carunculatus*).
- 12 Gulls (*Larus dominicanus*, *L. scoresbii*, &c.).
- 6 Starlings (*Sturnella militaris*).
- 22 Finches (*Phrygilus melanoderus*).
- 2 Sea-hens (*Hæmatopus niger*).
- 2 Foxes (*Canis antarcticus*).

But the weather was very unfavourable between Port Stanley and Monte Video, and seventy-one of the animals died *en route*. For some time longer the four Sea-Lions remained in good health and condition, but a passenger

having died of yellow fever, the stock of fish shipped for feeding them was condemned on account of its smell and ordered to be thrown overboard. The consequence was the loss of three out of the four Sea-Lions—the survivor having been kept alive as far as Lisbon, where a fresh supply was obtained, mainly by the Flying-fishes (*Exoceti*), which fell on the deck at night and were purchased from the sailors who picked them up.

Besides the Sea-Lion, Lecomte succeeded in bringing to the Gardens only the following animals:—

- 1 Antarctic Wolf (*Canis antarcticus*).
- 2 Forster's Milvago (*Milvago leucurus*).
- 1 Kelp Goose (*Chloëphaga antarctica*).
- 2 Upland Geese (*Chloëphaga magellanica*).
- 1 Dominican Gull (*Larus dominicanus*).

The cost incurred upon this expedition was considerable, having amounted in 1868 altogether to £507 8s. 11d. besides £50 devoted to the same object in 1867, and it cannot be said that the value of the animals obtained equalled the expenditure. At the same time the expedition cannot be said to have turned out altogether a failure, since a specimen of the much wished for Sea-Lion was successfully brought home, and is still thriving in the Society's Menagerie. It is also right to state that the Council have every reason to be satisfied with Lecomte's conduct during this difficult and dangerous expedition, although the results obtained were not altogether so satisfactory as could have been wished.

A second item of special expenditure was likewise incurred by the Council last year in connexion with the Abyssinian Expedition. It appearing that the government had made no arrangement to attach to the expedition any competent observer in the important branch of science to the promotion of which this Society is devoted, the Council were induced to address a memorial to the Secretary of State for India upon the subject. They were so far successful in their efforts as to induce the government to agree to pay the necessary expenses of a zoological collector, leaving the appointment in the hands of the Council. The Council had at first selected for this post an officer of the Indian Army, already well-known for his investigations into the Natural History of that country. This gentleman having been unfortunately incapacitated from joining the expedition by a serious attack of illness, the Council nominated

in his place Mr. William Jesse, who had had considerable experience in zoological collecting in South America. Although much delay was caused by this change, Mr. Jesse managed to reach Abyssinia in February 1868, and after the termination of the expedition made a journey into the Bogos country, whence he finally returned to England in August last.

Mr. Jesse's collections, as will be seen by his report, which will be printed in the Society's 'Proceedings,' embrace about 1250 zoological specimens. The largest series obtained was that of the class of birds, in working out which the Society have obtained the services of Dr. O. Finsch, of Bremen, one of the best living authorities on African Ornithology. Dr. Finsch's completed memoir upon the birds collected by Mr. Jesse has lately been received, and will be read at one of the approaching Scientific meetings.

In anticipation of Mr. Jesse being likely to acquire some valuable living specimens for the Menagerie, the Council placed the sum of £100 at his disposition for this purpose; but circumstances did not allow Mr. Jesse to make any material additions to the Society's collection.

These two items, added to the sum of £25 spent by Mr. R. Swinhoe upon the acquisition of Chinese animals under the circumstances mentioned in a previous Report, make up the previously mentioned total extraordinary expenditure of £632 8s. 11d. devoted to special acquisitions for the Society's Menagerie.

LIST OF ANIMALS WHICH HAVE BEEN BRED IN THE GARDENS
OF THE ZOOLOGICAL SOCIETY BETWEEN THE 1ST OF
JANUARY 1868 AND THE 1ST OF JANUARY 1869.

MAMMALS.

- 1 Macaque Monkey (*Macacus cynomolgus*).
- 1 Rhesus Monkey (*Macacus erythræus*).
- 5 Common Wolves (*Canis lupus*).
- 5 North-African Jackals (*Canis anthus*).
- 2 Spotted Hyænas (*Hyæna crocuta*).
- 3 Indian Leopards (*Felis leopardus*).
- 1 Ocelot (*Felis pardalis*).
- 2 Raccoons (*Procyon lotor*).

- 1 Ringed Seal (*Phoca fœtida*).
- 1 Cuming's Octodon (*Octodon cumingii*).
- 1 Indian Porcupine (*Hystrix leucura*).
- 8 Fournier's Capromys (*Capromys pilorides*).
- 1 Viscacha (*Lagostomus tricho-dactylus*).
- 1 Mouflon (*Ovis musimon*).
- 1 Aoudad (*Ovis tragelaphus*).
- 1 Markhoor (*Capra megaceros*).
- 3 Cashmere-Shawl Goats (*Capra hircus*).
- 2 Hybrid Goats (between *C. megaceros*, ♂, and *C. aegagrus*, ♀).
- 2 Elands (*Oreas canna*).
- 1 Nylghaie (*Portax picta*).
- 1 Hybrid Gayal (between *Bos indicus*, ♂, and *Bos frontalis*, ♀).
- 1 Persian Deer (*Cervus maral*).
- 1 Formosan Deer (*Cervus taiwanus*).
- 2 Japanese Deer (*Cervus sika*).
- 1 Sambur Deer (*Cervus aristotelis*).
- 1 Mexican Deer (*Cervus mexicanus*).
- 2 Vulpine Phalanger (*Phalangista vulpina*).
- 1 Short-headed Phalanger (*Belideus breviceps*).
- 1 Red Kangaroo (*Macropus rufus*).
- 1 Black-faced Kangaroo (*Macropus melanops*).
- 1 Great Kangaroo (*Macropus giganteus*).
- 2 Yellow-footed Rock Kangaroo (*Petrogale xanthopus*).
- 1 Bennett's Wallaby (*Halmaturus bennettii*).
- 4 Gray's Jerboa Kangaroo (*Bettongia grayi*).

BIRDS.

- 2 Talpacoti Ground Doves (*Chamæpelina talpacoti*).
- 1 Maugé's Dove (*Geopelia maugæi*).
- 5 Barred-shouldered Ground Doves (*Geopelia humeralis*).
- 6 Bronze-winged Pigeons (*Phaps chalcoptera*).
- 2 Nicobar Pigeons (*Calœnas nicobarica*).
- 18 Pallas's Eared Pheasants (*Crossoptilon auritum*).
- 26 Japanese Pheasants (*Phasianus versicolor*).
- 4 Sœmmering's Pheasants (*Phasianus sœmmeringii*).
- 22 Reeves's Pheasants (*Phasianus reevesii*).
- 14 Cheer Pheasants (*Phasianus wallichii*).
- 10 Swinhoe's Pheasants (*Euplocamus swinhoii*).
- 5 Purple Kaleege (*Euplocamus horsfieldii*).
- 6 Black-backed Kaleege (*Euplocamus melanotus*).

- 7 Hybrid Lineated Pheasants (between *Euplocamus cuvieri*, ♂, and *E. lineatus*, ♀).
- 8 Sonnerat's Jungle Fowls (*Gallus sonneratii*).
- 1 Peacock Pheasant (*Polyplectron chinquis*).
- 20 Hybrid Turkeys (between *Meleagris gallopavo*, ♂, and *M. ocellata*, ♀).
- 9 Rufous Tinamous (*Rynchotus rufescens*).
- 3 Sun-Bitterns (*Eurypyga helias*).
- 1 Hybrid Ibis (between *Ibis alba* and *I. rubra*).
- 4 Upland Geese (*Cloephaga magellanica*).
- 1 Ashy-headed Goose (*Cloephaga poliocephala*).
- 5 Ruddy-headed Geese (*Cloephaga rubidiceps*).
- 5 Egyptian Geese (*Chenalopex aegyptiaca*).
- 2 Black-necked Swans (*Cygnus nigricollis*).
- 7 Ruddy Sheldrake (*Tadorna rutila*).
- 3 Mandarin Ducks (*Aix galericulata*).
- 5 Bahama Ducks (*Pæcilonetta bahamensis*).
- 1 Yellow-billed Duck (*Anas xanthoryncha*).
- 2 Glaucous Gulls (*Larus glaucus*).

The following is a List of Donors and their several Donations to the Menagerie during the year 1868.

H.R.H. The Prince of Wales.

One Emu, one Australian Crane.

H.R.H. The Duke of Edinburgh.

One Vulpine Phalanger, one Maugé's Dasyure, one Smith's Ichneumon, one Australian Fruit Bat, one Water Tortoise.

Acclimatization Society of Christchurch, New Zealand.

One Australian Wild Duck.

Acclimatization Society of Victoria.

Three Black Wallabies.

Addison, Colonel.

One Green Monkey.

Allen, Miss.

One Marmozet Monkey.

Allies, W. H., Esq., F.Z.S.

One Common Badger.

Anthony, Charles, jun., Esq.

Two Canada Geese.

Banks, Capt.

Two Indian Crocodiles.

Barrand, A. F., Esq.

One Long-eared Owl.

- Barwood, W. R., Esq.
Three Australian Wild Ducks.
- Bell, Mrs. Thomas.
One Great Eagle Owl.
- Bell, Mrs.
One Quebec Marmot.
- Bemmelen, A. A. Van., Mr.
Two Common Terns.
- Benson, Colonel, and Mr. Vyapoory.
Two Orang Outangs.
- Bleat, W., Esq.
Two Great Black-backed Gulls.
- Blennerhassett, Dr. E.
One Common Macaque Monkey.
- Bond, F., Esq., F.Z.S.
One Pied Flycatcher.
- Booker, Samuel, Esq.
Two Hawk-headed Parrots.
- Boswell, Mrs.
One Marmoset Monkey.
- Bourne, J. W., Esq.
One Capuchin Monkey.
- Bowlby, Lieut. H. R., 20th Regiment.
One Indian Antelope.
- Brance, J. M. de Freitas, Esq.
One Egyptian Goose, one White-faced Tree-Duck.
- Brashfield, Dr.
One Common Adder.
- Briarley, C. J., Esq.
One Grey Ichneumon.
- Brierly, O. W., Esq.
Two Crested Pigeons.
- Brietzeke, E. G., Esq.
One Grivet Monkey.
- Browne, Lieut. J. W.
One Vervet Monkey.
- Brown, Miss.
One Vervet Monkey.
- Bruce, Mrs.
One Ring-necked Parrakeet.
- Bruce, Miss.
Two Passerine Parrakeets.
- Bulman, Lieut. J. D.
One Rhesus Monkey.

- Burr, Highford, Esq.
Three Golden Tench.
- Butler, Capt.
One Himalayan Bear.
- Caines, A., Esq.
One Macaque Monkey.
- Capel, F. C., Esq.
One Common Bittern.
- Chipchase, J. D., Esq.
One Common Heron, one White Stork.
- Chown, T. C., Esq.
One Serval.
- Clarke, A. C., Esq.
One Bonnet Monkey.
- Clarke, J., Esq.
One Brown Capuchin Monkey.
- Cornish, Thomas, Esq.
Ten Smooth Shanny.
- Coventry, Capt.
One Demeraran Cock of the Rock.
- Craggs, G. W., Esq.
One Banded Ichneumon.
- Cresswell, F. Esq.
One Richardson's Skua.
- Cresswell, The Hon. Mrs.
One Redshank, three Knots, nine Dunlins.
- Daubeny, Dr., the Executors of the late.
One Rhesus Monkey, one Macaque Monkey.
- Day, Dr. Francis, F.L.S.
Six Indian Walking Fishes.
- Diggens, Mrs.
One Azara's Fox.
- Dix, Mrs.
One Rose-crested Cockatoo.
- Donaldson, Capt. R.
One Jerboa.
- Drew, Miss Mary.
One Vulpine Phalanger.
- Drummond, J. E., Esq.
One Indian Wild Dog.
- Drummond, Miss Sybil.
One Varying Hare.
- Dudley, The Earl of.
One Mouflon.

- Dyer, Capt.
One Forster's Milvago.
- Dyer, Dr.
One Moustache Monkey.
- Efford, Capt.
Eight Indian Crocodiles.
- Ellis, The Hon. Charles.
Three Peregrine Falcons.
- Elwes, H. J., Esq., F.Z.S.
One Young Common Seal.
- England, Mrs. Cecilia.
One White-backed Piping Crow.
- Eyles, H. F. B., Esq.
One Marmoset Monkey.
- Felkin, Mr.
One Red-backed Shrike.
- Fenwick, C. R., Esq.
One Bennett's Wallaby.
- Fisher and Leary, Masters.
One Cape Hyrax.
- Fitzgerald, His Excellency Sir Seymour, Governor of Bombay.
One Tigress.
- Fletcher, Mrs.
One White-throated Sapajou.
- Forsby, H. A., Esq.
One Bonnet Monkey.
- Fraser, W. T., Esq.
One Common Paradoxure.
- Gordon, The Hon. A., C.M.Z.S.
One Kinkajou, two Martinique Water-Hens, three Duméril's Water-Tortoises.
- Gottgetreu, E., Esq.
One Vervet Monkey.
- Gould, John, Esq., F.Z.S.
One Barn Owl.
- Gowan, G., Esq.
One Green Lizard.
- Gower, A. J., Esq.
One Gigantic Salamander.
- Greatorex, Rev. Dan.
One Mangabey Monkey.
- Green, G. R., Esq.
One Great Sulphur-crested Cockatoo.

- Grote, Arthur, Esq., F.Z.S.
One Typhon Heron, three Indian Geckos, one Hoo-
lock Gibbon, One Grote's Porcupine.
- Grove, Messrs. C.
One Sturgeon.
- Günther, Dr. A., F.Z.S.
Eight Black-headed Gulls.
- Hagenbeck, Herr G.
Two Temminck's Snappers.
- Haines, Frederick, Esq.
One Rose-Hill Parrakeet.
- Hamilton, William, Esq.
Five Young Red Grouse.
- Hawtayne, G. H., Esq.
Two Olive Agoutis.
- Hayes, Thomas, Esq.
One Green Monkey.
- Hensman, H. P., Esq.
Three Rooks.
- Hessel, Dr.
One Guinea Baboon.
- Hodgkinson, Mrs.
One Ring-necked Parrakeet.
- Honeywood, Robert, Esq.
Two Pine Grosbeaks.
- Howell, Oswald, Esq.
Four Palm Squirrels, one Whip Snake.
- Irby, Major Howard.
One Spanish Ibex.
- Ivey, Colonel.
Four Rose-ringed Parakeets.
- Jacobson, Mrs.
Four Graceful Ground-Doves, two Peaceful Doves.
- Jeffreys, W., Jun., Esq.
One Jugger Falcon, two Herring Gulls.
- Joel, Lewis, Esq., C.M.Z.S.
One Common Trumpeter, two West-Indian Rails.
- Kelaart, W. C., Esq.
Two Golden Agoutis, one Spotted Cavy.
- Kirkness, William, Esq.
Two Chameleons.
- Lawson, R. Esq.
One Arctic Tern.

- Layard, E. L., Esq., F.Z.S.
 One South-African Ground Squirrel, two Southern
 Skuas, two Black-billed Sheathbills.
- Leared, Dr.
 Two Mangaby Monkeys.
- Leary, Master (see Fisher and Leary).
- Lennier, Mons.
 Two Whiting Pouts.
- Leybold, Frederick, Esq., C.M.Z.S.
 Two Patagonian Cavies, four Viscachas.
- Lilford, Lord, F.Z.S.
 Two Mouflons.
- Lloyd, Major R.
 One White-fronted Lemur.
- MacAlpine, R. Esq.
 Two Chameleons.
- Macbeth, Mrs.
 One Green Monkey.
- M'Ewen, Capt.
 One Green Monkey.
- Mackenzie, H. Somerset, Esq.
 One Spring Bok.
- Macneill, Lieut., Douglas, H.M.I.A.
 One Brown Capuchin Monkey.
- Mather, Lieut.-Colonel, R., F.Z.S.
 Four Pied Mice.
- May, J., Esq.
 One Bonnet Monkey.
- Maynard, H., Esq.
 One Azara's Fox.
- Mercer, G. Y., Esq.
 One Indian Antelope.
- Melville, The Hon. R.
 One Arabian Baboon, one Abyssinian Mud Tortoise.
- Moore, J. L., Esq.
 One Coati.
- Moreland, H., Esq.
 One Indian Leopard, one Sloth Bear.
- Morris, J., Esq.
 Two Red and Yellow Macaws.
- Moseley, O., Esq.
 One Vervet Monkey.
- Muëller, Dr. F., C.M.Z.S.
 One Australian Barn Owl.

- Mullick, The Babu Rajendra, C.M.Z.S.
 One Four-horned Antelope, one Large White Crane,
 five Peacock Pheasants, three Spotted Billed Ducks,
 one Black-backed Goose.
- Munro, Capt., G. G.
 One Red Deer.
- Needham, Major, The Hon. R., F.Z.S.
 Two Bonnet Monkeys.
- Needham, J. M., Esq.
 Two Black Rats.
- O'Beirne, J. L., Esq., M.P.
 One Yellow-fronted Amazon.
- Ommaney, Admiral, E., C.B.
 One Black Squirrel, one Mealy Amazon.
- Orwin, Mrs.
 One Marmoset Monkey.
- Osham, Sir Charles.
 Three Common Kingfishers.
- Palin, Dr., C.M.Z.S.
 One Scarlet Ibis, two Blue-shouldered Tanagers, one
 Electric Eel.
- Palmer, T. G.
 One Macaque Monkey.
- Parsons, Captain.
 Two Common Kestrels.
- Patey, G. S., Esq.
 One Gannet.
- Penny, William, Esq.
 One Smooth Snake.
- Phillips, William.
 One Indian Antelope.
- Pike, A., Esq.
 One Common Genet.
- Pricket, Mrs.
 One Variegated Sheldrake.
- Puzey, Lieut. A. E.
 One Arabian Baboon.
- Ramsbottom, J., Esq.
 One Capuchin Monkey.
- Rapson, George, Esq.
 Three Chinese Squirrels.
- Read, T. C., Esq.
 One Common Chameleon.

- Roach, Mrs. H.
One Peewit.
- Roberts, W. H., Esq.
One Guinea Baboon.
- Rogers, E.T., Esq., C.M.Z.S., H.B.M. Consul at Beyrout,
Syria.
One young Cheetah, one White Pelican.
- Ross, T., Esq.
Two Naked-necked Iguanas.
- Ross, Mr.
One Macaque Monkey.
- Round, E., Esq.
One Macaque Monkey.
- Rowley, G. Dawson, Esq., M.A., F.Z.S.
Two Tawny Owls.
- Roxburgh, F., Esq., F.Z.S.
Two Great Black-backed Gulls, two Kittewakes.
- Ruthven, Lord, F.Z.S.
Two Egyptian Ichneumons.
- Salvin, F. H., Esq.
One Little Grebe.
- Sandland, Mr.
One Brown Capuchin Monkey.
- Satterthwaite, Mrs.
One Rose-Hill Parrakeet.
- Saunders, Miss L.
Two Cape Doves.
- Scott, Colour-Serjeant.
One Indian Leopard.
- Scott, J. R., F.Z.S.
Three Common Thrushes.
- Sharp, H. E., Esq.
One Crested Ground Parrakeet.
- Sheffield, Major Sir Robert, Bart., F.Z.S.
One Philantomba Antelope.
- Sheffield, H. D., Esq.
One Canadian Lynx.
- Shortt, Dr., F.Z.S.
Ten Rain Quails, one Common Quail, Three Asiatic
Quails, five Cambaian Quails.
- Skinner, Capt.
One Maugé's Dasyure.
- Smith, E. W., Esq.
One Macaque Monkey.

- Smith, William, Esq.
One Green Monkey.
- Sperling, Capt. R. M., R.N.
One Spur-winged Goose.
- Spicer, Capt.
Two Dotted-jawed Caymans.
- Squire, Dr. John, C.M.Z.S.
Two Cuvier's Pheasants.
- Steuart, Capt. A.
Two Rough-legged Buzzards.
- Stewart, Lieut. W. Duncan.
One Demerara Tiger Cat.
- Sturgis, Russell, Esq., F.Z.S.
Two Javan Chevrotains.
- Symon, G. L., Esq.
One Coati.
- Symonds, H. J., Esq.
Two Common Ravens.
- Tamplin, R. W., Esq., F.Z.S.
One Philantomba Antelope.
- Taunton, W. K., Esq.
Three Loggerhead Turtles.
- Tax, Theobald, Esq.
One Common Buzzard.
- Thomas, Captain.
Six Masked Weaver Birds.
- Thompson, David, Esq.
One Malbrouck Monkey.
- Thornton, H., Esq.
One Rhesus Monkey.
- Topham, J. G., Esq.
Three Common Badgers, one Honey Buzzard.
- Tower, Colonel.
One Vervet Monkey.
- Traherne, J. P., Esq.
Two Ospreys.
- Trendell, C. J., Esq.
One Wedge-tailed Eagle.
- Turle, Dr.
One Rhesus Monkey.
- Vanzeller, Chevalier F.
Two Serin Finches.
- Vyapoory, Mr. (see Benson, Col. and Mr. Vyapoory).

- Waite, Capt. Thomas.
Two Eleonora Falcons, two Common Kestrels, three
Greek Tortoises.
- Wakefield, O., Esq.
One Prehensile-tailed Porcupine, one Crab-eating
Opossum.
- Wakefield, Mrs.
Two Passerine Owls.
- Walker, T., Esq.
Two Razorbills, two Puffins.
- Watson, Captain.
One Maugé's Dasyure.
- Waugh, G., Esq.
One Placid Ground-Dove.
- Way, R. M., Esq.
Two King Parrakeets.
- Weaver, G., Esq.
One Greek Land Tortoise.
- Webb, E. B., Esq., F.Z.S.
One Common Boa.
- Wheeler, Miss M.
One Pied Rat.
- Wilks, George, Esq., C.M.Z.S.
One Thick-tailed Opossum, one Grison, one Coypu,
three Chimangas, one Burrowing Owl, one South-
American Barn-Owl, one Azaras Fox, two Hairy
Armadillos, one Long-shielded Cayman, one Azaras
Opossum.
- Williams, Sir Hugh, Bart.
One Common Dormouse.
- Williams, Mrs. J.
One Demoiselle Crane.
- Winckworth, Miss C. A.
One Chinese Ape.
- Winder, Miss A. M.
One Vervet Monkey.
- Wingfield, Mrs., of Onslow.
Five Lemmings.
- Winn, Dr.
One Vulpine Phalanger.
- Wrench, H. Sykes Thornton, Esq.
One Common Fox.
- Wright, Dr. J. C. Hornsby.
One Macaque Monkey, one Bonnet Monkey.

Wyatt, —, Esq.
 One Common Chameleon.
 Wynne, W., Esq., F.Z.S.,
 One Pine Marten.

Conclusion.

In bringing their fortieth Annual Report to a close, the Council believe they may fairly assume that the Fellows who have listened to its statements will have reason to be satisfied with the present state and future prospects of the Society's affairs. The income of the Society seems to have attained a permanent increase, and to have now reached a point, where its excess over the ordinary expenditure enables the Council to make important yearly additions to the Garden-establishment. The natural result of this is an increase in the number of Persons desirous of becoming Fellows of the Society and of sharing in the privileges attached to membership. A large augmentation of the roll of Members has been thus effected during the last few years.

In adverting to this prosperous state of affairs, the Council have to acknowledge their obligations to those Fellows of the Society who have so materially assisted them in the execution of their duties by acting on the several Committees of Audit, Finance, and Publication during the past year.

Signed for the Council,

P. L. SCLATER,

Secretary.

11 Hanover Square, April 29th, 1869.

REPORT
OF THE
AUDITORS OF THE ACCOUNTS
OF THE
ZOOLOGICAL SOCIETY OF LONDON,
Appointed January 21, 1869.

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, 1868, 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, 1867				2,228	9	2	
INCOME.							
Belonging		£	s.	d.	£	s.	d.
to years							
1865	{ Annual Subscriptions	9	0	0			
	{ Garden Sales	1	4	0			
					10	4	0
1866	{ Annual Subscriptions	18	0	0			
	{ Ivory Tickets	1	1	0			
	{ Transactions	1	16	0			
	{ Proceedings.....	16	18	9			
	{ Garden Sales	6	8	0			
					44	3	9
1867	{ Admission Fees	180	0	0			
	{ Annual Subscriptions	75	0	0			
	{ Ivory Tickets	5	5	0			
	{ Transactions	97	11	9			
	{ Proceedings.....	61	6	9			
	{ Garden Sales	441	6	6			
					860	10	0
1868	{ Admissions to Gardens	12,651	4	0			
	{ Garden Sales	1,047	11	7			
	{ Rent for Refreshment Room	780	0	0			
	{ Admission Fees	1,430	5	0			
	{ Compositions	1,410	0	0			
	{ Annual Subscriptions	5,733	18	0			
	{ Ivory Tickets	76	4	0			
	{ Publications.....	397	6	0			
	{ Transactions	30	9	3			
	{ Proceedings.....	85	13	11			
	{ Dividends	292	10	0			
	{ Miscellaneous	25	0	7			
					23,960	2	4
1869	{ Annual Subscriptions	76	0	0			
	{ Ivory Tickets	1	1	0			
	{ Publications.....	5	5	0			
					82	6	0
1870	Publications				1	1	0
INCOME RECEIVED IN 1868				24,958	7	1	24,958 7 1
							27,186 16 3

PAYMENTS.

EXPENDITURE.		Gardens.			General Estabt.			Total.					
		£	s.	d.	£	s.	d.	£	s.	d.			
Belonging to years	1867	Rent, Rates, Taxes, &c.	232	7	2	57	17	5	290	4	7		
		Bills.....	1,718	7	8	830	2	0	2,548	9	8		
Paid on account of the previous year.....			1,950	14	10		887	19	5	2,838	14	3	
1868	}	Rent, Rates, Taxes, &c.	584	17	1	168	11	3					
		Salaries, Wages, and Pensions	3,037	17	5	1,491	13	8					
		Cost and Carriage of Animals, in- cluding Keepers' Travelling Ex- penses	2,521	10	1								
		Provisions	4,107	15	11								
		Menagerie Expenses	1,866	8	10								
		Keepers' Dresses	213	5	9								
		New Buildings and Works	1,884	9	5	107	8	1					
		Other Works, Repairs, and Mate- rials	3,242	19	0	37	10	3					
		Garden Expenses	783	8	10								
		Band Expenses	165	14	6								
		Advertisements	130	0	6								
		House and Office Expenses.....	116	11	4	350	15	5					
		Stationery and Account Books				68	11	0					
		Printing (Miscellaneous).....				286	19	9					
		Library Expenses				248	10	8					
		Transactions, (including Printing)...				645	5	1					
		Proceedings do. do.				1,352	13	7					
Returned Subscriptions				61	12	0							
Paid on account of the current year			18,654	18	8		4,819	10	9	23,474	9	5	
EXPENDITURE PAID IN 1868			20,605	13	6		5,707	10	2	26,313	3	8	
Cash at the Banker's, December		General Account		£458	6	11							
31, 1868, viz.		Petty Cash Account ...		415	5	8			873		12	7	
											27,186	16	3

Comparison of Receipts in 1867 and 1868.

<i>Receipts.</i>				
	Income of		Increase.	Decrease.
	1867.	1868.		
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Admission Fees:—				
Past.....	205 0 0	180 0 0	.....	25 0 0
Present.....	1,365 0 0	1,430 5 0	65 5 0	.....
Annual Subscriptions:—				
Past.....	147 0 0	102 0 0	.....	45 0 0
Present.....	5,093 9 0	5,733 18 0	640 9 0	.....
Future.....	45 0 0	76 0 0	31 0 0	.....
Compositions.....	1,830 0 0	1,410 0 0	.....	420 0 0
Ivory Tickets.....	91 19 0	83 11 0	.....	8 8 0
Admissions to Gardens..	12,840 2 6	12,651 4 0	.....	188 18 6
Garden Sales.....	1,513 4 0	1,496 10 1	.....	16 13 11
Rent for Refreshment				
Room.....	780 0 0	780 0 0	.....	.....
Publications.....	784 14 4	697 8 5	.....	87 5 11
Dividends, &c.....	346 10 5	292 10 0	.....	54 0 5
Miscellaneous.....	.....	25 0 7	25 0 7	.....
	25,041 19 3	24,958 7 1	761 14 7	845 6 9
Decrease.....	.....	83 12 2	Ded. Incr.	761 14 7
	25,041 19 3	25,041 19 3	.....	83 12 2
Total Payments in 1868..... £26,313 3 8				
Total Receipts in 1868..... 24,958 7 1				
Payments over Receipts..... 1,354 16 7				
<i>Dr. Cash</i>				
To Balance brought from December 31, 1867..... £ s. d. 2,228 9 2				
To Income received in the Year..... 24,958 7 1				
..... 27,186 16 3				

Comparison of Payments in 1867 and 1868.

<i>Payments.</i>				
	Expenditure of		Increase.	Decrease.
	1867.	1868.		
	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>
Arrears of previous years	2,440 14 11	2,838 14 3	397 19 4	.....
Rent, Rates, and Taxes	700 17 4	753 8 4	52 11 0	.....
Salaries, Wages, and Pen- sions	4,407 1 3	4,529 11 1	122 9 10	.....
Cost, Carriage, and Keep of Animals	3,244 17 11	2,521 10 1	.....	723 7 10
Provisions	4,003 7 10	4,107 15 11	104 8 1	.....
Menagerie Expenses	2,124 9 1	1,866 8 10	.....	258 0 3
Keepers' Dresses	135 6 3	213 5 9	77 19 6	.....
New Buildings and Works connected.....	2,115 15 3	1,991 17 6	.....	123 17 9
Other Works, Materials, and Repairs ..	3,193 12 3	3,280 9 3	86 17 0	.....
Garden Expenses	840 2 2	783 8 10	.....	56 13 4
Band Expenses	178 18 0	165 14 6	.....	13 3 6
Advertisements	138 12 0	130 0 6	.....	8 11 6
House and Office Expenses..	425 3 4	467 6 9	42 3 5	.....
Stationery	57 15 10	68 11 0	10 15 2	.....
Printing (Miscellaneous)....	144 10 6	286 19 9	142 9 3	.....
Proceedings (including Print- ing)	1,259 14 8	1,352 13 7	92 18 11	.....
Transactions, ditto ditto	394 12 10	645 5 1	250 12 3	.....
Library Expenses	355 0 10	248 10 8	.....	106 10 2
Returned Subscriptions	48 13 0	61 12 0	12 19 0	.....
	26,209 5 3	26,313 3 8	1,394 2 9	1,290 4 4
Increase	103 18 5	.....	1,290 4 4	Ded. Decr.
	26,313 3 8	26,313 3 8	103 18 5	
Ordinary Expenditure	21,556 10 7	22,381 9 7	824 19 0	.....
Extraordinary ditto	4,652 14 8	3,931 14 1	.....	721 0 7
	26,209 5 3	26,313 3 8	103 18 5	Ded. from In.
<i>Contra</i>				<i>Cr.</i>
				<i>£ s. d.</i>
By Expenditure paid in the year (including arrears of 1867).....				26,313 3 8
By Balance at Banker's, December 31, 1868				873 12 7
				27,186 16 3

The Assets and Liabilities of the Society on the 31st of
December 1868 were as follow:—

ASSETS.					
	Arrears of		Capital Funded.	Cash,	Total.
	Previous Year.	Current Year.			
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Cash at Banker's...				873 12 7	873 12 7
Paid for £10,000 Reduced 3 per Cents			9356 2 10		9,356 2 10
Annual Sub- scriptions ... }	156 0 0	243 0 0			399 0 0
Ivory Tickets		14 14 0			14 14 0
Garden Sales	154 13 6	347 15 6			502 9 0
Publications	69 6 0	203 11 1			272 17 1
	379 19 6	809 0 7	9356 2 10	873 12 7	11,418 15 6

LIABILITIES.			
	Debts.		
	£ s. d.	£ s. d.	£ s. d.
Bills, &c., estimated at—			
For the Gardens, say	1693 2 8		
General Establishment	410 6 4		
		2103 9 0	
Rent and Taxes unpaid—			
For the Gardens, say.....	191 18 11		
General Establishment	54 12 9		
		246 11 8	
			2350 0 8

Bearing in mind the unexampled state of prosperity of the Zoological Society at the close of the previous year, the Auditors feel much satisfaction in stating that no change in that respect of sufficient importance to call for any observation has occurred. The number of Fellows has continued greatly to increase, and the Committee of Auditors congratulate the Society on the fact that they are now a more numerous body than has been the case at any time during the last twenty-eight years.

The Auditors beg leave to assure the Fellows of their satisfaction with, and confidence in, the position and prospects of the Society, and as to the department to which their attention has been more particularly called, must express their entire satisfaction and high gratification with the admirable clearness and accuracy of the accounts arranged and laid before them by Mr. Leigh.

EDW. GREENAWAY.
 EDWARD JOHNSTONE.
 JAMES TENNANT.
 ALEX. NOWELL SHERSON.
 H. E. DRESSER.
 ROBERT LOW.
 F. DU CANE GODMAN.

11 *Hanover Square,*

February 26, 1869.

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