

## REPORT OF THE COUNCIL.

April 29, 1864.

IN accordance with the provisions of the Charter, the Council have now the pleasure of submitting to the Society their Thirty-fifth Annual Report. This, in conformity with former precedents, they propose to divide into three heads, the first of which will relate to the general affairs of the Society, the second to the operations carried on at the Office in Hanover Square, and the last to the state of the Gardens and Menagerie in the Regent's Park.

### I. GENERAL ESTABLISHMENT.

#### 1. ORDINARY MEMBERS, FELLOWS, AND ANNUAL SUBSCRIBERS.

The number of Fellows, Fellows Elect, and Annual Subscribers at the present time amounts to 1754. Of these there are—

Compounders, who have paid £20 . . . .	185
Ditto ditto £30 . . . . .	363
Paying annual contributions of £2 . . . .	232
Ditto ditto £3 . . . . .	837
Dormant . . . . .	42
Admission-fees unpaid . . . . .	27
Ditto remitted . . . . .	14
Annual Subscribers, paying £3 . . . . .	54
	<hr/>
	1754

The number of Fellows elected since the last Anniversary has been 170; of Annual Subscribers 15; and two Fellows have been re-admitted under the provisions of the By-Laws, making a total addition of 187 Members to the roll of the Society since the Anniversary in 1863.

This large accession of numbers is a source of great gratification to the Council, as there can be no better test of the great and increasing popularity which attends the operations of the Society as at present conducted than such a rapid increase in the list of its Members. And on examining the subjoined comparative statement of the elections and removals that have taken place during the preceding ten years, it will be observed that the year 1863, although exhibiting a remarkable advance over the preceding, can scarcely be considered exceptional in this respect, as the renewed increase in the number of elections, which commenced in 1859 (after a short period of reduction), has continued up to the present time, and bids fair to go on doing so.

*Comparative Statement of 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.			
1854.	142	7	4	..	18	12	7	8	..	1	1	2	60	1744
1855.	81	11	4	..	18	18	4	18	..	..	..	..	73	1752
1856.	86	9	4	..	18	14	3	17	..	..	..	..	65	1773
1857.	61	12	2	..	17	18	7	16	..	3	23	..	98	1736
1858.	59	12	5	..	24	18	1	19	..	..	..	..	79	1716
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

Amongst the names of those who have joined the Society since the last Anniversary, it is with no small degree of satisfaction that the Council have to record that of His Royal Highness the Prince of Wales. Shortly after the last Anniversary, His Royal Highness, who had manifested the interest he takes in the Society's affairs by repeated visits to the Gardens, intimated to the Council his desire to become connected with the Society. Upon this being understood, the Council, in conformity with former precedents established in the case of the Royal

Family, forthwith admitted His Royal Highness to be a Fellow of the Society, and placed his name upon the books. Since that time, His Royal Highness has given further testimony of his good will towards the Society by consenting to his name being placed on the roll of Members as Vice-Patron of the Society, next to that of Her Majesty the Queen, the Patroness of the Society.

It should, however, be mentioned that, in spite of this large accession of new Members, some apparent decrease in the total number of Fellows of the Society will probably appear at the end of the present year, in consequence of the recent removal of ninety-five names from the "Dormant List." The "Dormant List" contains the names of those Fellows who, residing abroad during the whole year, are not, according to the By-Laws, liable to pay their annual subscription. Upon a recent examination of this list, it was found that a large number of the Fellows whose names were upon it had been absent from the country for many years, without their addresses being known. It appeared to the Council that this was objectionable, as keeping on the books of the Society the names of a large number of individuals many of whom have had no intercourse with the Society for a considerable period, and concerning whose existence there was no means of obtaining information. The Council, therefore, adopted the following regulations relative to the Dormant List of Fellows:—

- I. That no Fellow's name should be kept on the List of Dormant Members for a longer period than three years, unless the address of his foreign residence is known.
- II. That any Fellow whose name shall have been removed from the Dormant List, in accordance with the above resolution, on returning to this country and making due explanation, should be restored to the List of Fellows upon payment of his subscription for the current year.

Under these regulations, and in execution of the authority given them by the By-Laws, the Council, on the 17th of February last, removed from the List of Fellows ninety-five names of Members who had been "dormant" for eight years and upwards without their addresses being known;

and an apparent (though not real) decrease in the total strength of the Society has been thus occasioned.

The number of Deaths since the last Anniversary has been 61; the number of Resignations has been 13; and 8 Members have been removed from the roll under the By-Laws for non-payment of their debts due to the Society.

The present number of candidates for admission is 30, making a total of 96 additions to the list of Fellows since the 1st of January of the present year.

## 2. FOREIGN AND CORRESPONDING MEMBERS.

One Foreign Member only has been elected by the Society since the last Anniversary, namely, Dr. Herman Burmeister, late of Halle, now Director of the Museum of Buenos Ayres, the addition of whose name makes the number of 25 Foreign Members authorized by the By-Laws complete.

Thirteen Corresponding Members have been elected during the same period, namely:—

Joshua Alder, Esq., Newcastle-upon-Tyne.

William Henry Ashmall, Esq., Cameroons River, West Africa.

Capt. R. H. Beddome, Official Conservator of Forests, Madras.

Edward Drinker Cope, Esq., Philadelphia.

William Dunn, Esq., Civil Engineer, Akyab.

Henry Giglioli, Esq., Villa Chiti, Pisa, Italy.

Ronald Gunn, Esq., Launceston, Tasmania.

Albany Hancock, Esq., Newcastle-upon-Tyne.

The Baboo Rajendra Mullick, Calcutta.

Colonel George Ramsay, C.B., Resident at the Court of Nepal.

Odo William Leopold Russell, Esq., of H.M. Diplomatic Service.

M. Auguste Sallé, 13 Rue Guy de la Brosse, Paris.

Lieut.-Col. Patrick Stewart, Royal Engineers.

## 3. INCOME.

After the very large sum received by the Society during the Exhibition year of 1862, it could hardly have been expected that the Income of the year 1863 would have

exceeded the average. Experience in such cases has shown that such periods of unusual increase are ordinarily followed by corresponding intervals of reduction. It is with no small pleasure, therefore, that the Council are able to report that in the present instance nothing of the sort is perceptible. The Income of this Society in the year 1863 reached a total of £20,284 12s. 11d., being the largest sum ever received by the Society in any one year, except the two Exhibition years, as the following Table will show:—

*Income of the Zoological Society of London.*

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

\* Two Exhibition years.

† First Exhibition of the Giraffes.

The average Income of the three years preceding 1862 was rather more than £16,000, so that the year 1863—so far from exhibiting any decrease, as might have been reasonably expected—gives a solid increase of upwards of £4000 when compared with the average income of the three ordinary years which preceded it.

Of the items which have contributed to make up this increase, the most noticeable are that of Annual Subscriptions, which show an increase of £335 when compared with 1862; that of Compositions in lieu of Annual Subscrip-

tions, which produced £1200; and that of Admissions to the Gardens, under which the amount of £11,781 will be found credited to the Society. If the two Exhibition years are put aside, it will be observed that no such large sum has been received from the public for entrance into the Society's Gardens since their first opening in May 1828.

The two great National Holidays of Easter Monday and Whit Monday 1863 produced a very large number of visitors to the Society's Gardens. On the latter day in particular the Gardens were more crowded with visitors than has ever been previously the case in any one day since their opening to the public—the enormous number of 30,374 persons having passed into them between 9 o'clock A.M. and sunset, and the receipts therefrom having reached the large amount of £757 14s. 6d.

The cash-surplus carried forward to the Society's credit from the year 1862 was £2120 0s. 3d. This sum added to the amount of Income received during the year, together with the sum of £891 8s. 6d., being the proceeds of the sale of £1000 Reduced 3 per Cents, part of the reserve-fund, gave the total sum of £23,296 1s. 8d. available for the expenditure of the year 1863.

#### 4. EXPENDITURE.

This sum of £23,296 1s. 8d. was disposed of in the following way. The ordinary expenditure of the Society amounted to £16,024 16s.; the sum of £5227 15s. 2d. was devoted to special objects which are usually classed under the title of Extraordinary Expenditure, and a balance of £2043 10s. 6d. was thus left to the credit of the Society at their bankers at the end of the year 1863.

But these sums include the arrears of the year 1862, and exclude the liabilities of the Society left unpaid on the 31st of December, 1863. When the sum of £1626 12s. 5d., being the first of these amounts, is deducted, and that of £5796 17s. 7d. (being the amount of liabilities at the close of the year) is added, it will be found that the Society's total expenditure for the year 1863 was £25,422 16s. 4d. Of this the sum of £16,139 1s. was required to meet the ordinary expenses of the year, and the remaining sum of £9283 15s. 4d. belongs strictly to extraordinary expenditure, the nature of which will be shown hereafter.

With regard to the ordinary expenditure of the Society the Council have but few special remarks to offer. As the number of larger animals in the Gardens increases, and the buildings devoted to their exhibition are enlarged from time to time, so, it is obvious, must the expenditure consequent upon this increase of the Society's operations be augmented. But with an income of upwards of £20,000 entirely arising from ordinary sources, and every prospect of its maintenance at that figure, the Council cannot think that the expenditure of £16,000 on the ordinary proceedings of the Society will be regarded as excessive.

It remains therefore to speak of the sum of £9283 15s. 4d., which was incurred under the head of extraordinary expenditure in the year 1863. This may be divided into four heads, as shown in the following account.—

1. *New Buildings and Works.*

	£	s.	d.	£	s.	d.
Lodges, Aviary, and Monkey House, and Works connected therewith .....	7000	0	0			
Warming Apparatus for New Aviary.....	47	0	0			
Warming Apparatus for New Monkey House .....	190	0	0			
Making New Path at back of the Aviary, and Sundry Work .....	35	14	0			
Cattle Sheds and Hay Sheds adjoining...	711	11	8			
Reconstructing Elephant Pond .....	204	1	8			
Additions to Small Mammal House .....	17	11	0			
Completion of Fence at New Antelope House .....	17	18	0			
New Seats at Hippopotamus Platform ...	17	10	0			
New Gates near Bison House .....	28	3	6			
Slating Reptile House .....	10	10	0			
New Wrought-Iron Hurdles for fencing,	30	1	0			
Completion of Kangaroo Sheds.....	28	1	2			
New Tank in the Fish House.....	6	5	5			
Gravel, &c. and Wages for restoring Paths .....	246	10	2			
Salary to Clerk of the Works .....	119	14	0			
				8710	11	7

2. *Menagerie.*

Cost of Expedition to India.....	220	0	0			
Provisions for Red Deer sent to New Zealand .....	17	7	6			
				237	7	6

3. *Office.*

Painting outside of House .....				15	5	0
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4. Publications.		£	s.	d.	£	s.	d.
New Catalogue of Animals.....		50	0	0			
New Index to Proceedings, 1848 to 1860		151	14	3			
List of Vertebrated Animals .....		36	2	0			
Balance of extra part of Transactions ....		62	15	0			
New Catalogue of the Library .....		20	0	0			
		<hr/>			320	11	3
		<hr/>			£92	83	15 4

It will be thus seen that by far the greater portion of this large sum was devoted to new buildings in the Society's Gardens, and works connected with them, concerning which full details will be given below.

#### 5. ASSETS AND LIABILITIES.

The Cash Assets of the Society on the 31st of December 1863 amounted, as has been already stated, to—

	£	s.	d.
Cash at the Banker's . . . . .	2,043	10	6
Cost of £13,000 Reduced 3 per Cents . .	12,032	11	4
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	14,076	1	10

The sums due to the Society for arrears on the 31st of December 1863 were estimated as follows:—

	£	s.	d.
Annual Subscriptions . . . . .	348	0	0
Ivory Tickets . . . . .	25	4	0
Publications . . . . .	277	18	6
Garden Sales . . . . .	480	9	4
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	1131	11	10

Making a Total Balance in favour of the

Society of . . . . . £15,207 13 8  
without taking into account the value of the Society's collection of living animals, which cannot be estimated at less than £25,000.

The Liabilities at the same period were esti-

mated at . . . . . 5796 17 7

Leaving a Balance in favour of the Society of £9410 16 1

## II. OFFICE, 11 HANOVER SQUARE.

### 1. PUBLICATIONS.

The Proceedings of the Scientific Meetings of the Society, both with and without Illustrations, have been regu-



larly issued since the last Anniversary. The three parts for 1863 united together form a volume of 580 pages, illustrated by forty-two Plates, chiefly the production of Messrs. Wolf, Ford, and other eminent zoological artists.

The first part of the Proceedings of the Scientific Meetings of the Society for the present year, containing the communications made to the meetings held during the months of January, February, and March, is in the press and will be published very shortly.

Of the "Transactions" one part has been issued since the last Anniversary, namely, part iii. of the fifth volume, containing the following papers:—

Mr. W. H. Flower, "On the Brain of the Javan Loris (*Stenops javanicus*)."

Messrs. Alder and Hancock, "Notice of a Collection of Nudibranchiate Mollusca, made in India by Walter Elliot, Esq., with descriptions of several new genera and species."

Mr. W. K. Parker, "On the Osteology of Gallinaceous Birds and Tinamous."

The value and interest of these papers, and the beauty of the Plates by Messrs. Wolf, Erxleben, and Williams which illustrate them, will, it is believed, fully keep up the reputation already acquired by the Society's "Transactions."

In their last year's Report, the Council called particular attention to the new plan of allowing the Fellows and Corresponding Members of the Society to receive copies of *all* the Scientific Publications of the Society, upon payment of a subscription of £1 1s. per annum, provided such subscription be paid before the Anniversary Meeting of the year. They have now to announce that this arrangement has so far succeeded that 242 Fellows have registered themselves as Subscribers to the publications under this regulation. The Council, however, cannot but believe that as the number and value of the Society's Scientific Publications becomes known—the ordinary selling price of the "Proceedings" and "Transactions" issued in each year being seldom less than from £4 to £5—more of their Members will be anxious to avail themselves of the privilege thus offered to them.

Besides the ordinary Scientific Publications of the Society during the past year, a second edition of the "Classified List of Vertebrated Animals exhibited in the Society's Collection" has been prepared under the Secre-

tary's superintendence, and is now on sale at the price of One Shilling and Sixpence, reduced in the case of Members of the Society to One Shilling.

A complete list of all the Mammals and Birds which have been exhibited alive in the Society's Gardens since their institution in 1825 has likewise been prepared by Mr. Louis Fraser, under the Secretary's superintendence, and is now in the printer's hands.

The Index to the Society's "Proceedings" from 1848 to 1860, alluded to in the last Report, was received from the printer and issued to the public shortly after the last Anniversary.

## 2. LIBRARY.

The sum of £287 1s. 2d. was expended on the maintenance and increase of the Society's Library during the year 1863. Of this the greater part (£194 3s. 4d.) was devoted to purchasing standard works on Zoology, which are requisite for ordinary use as books of reference. A Supplement to the Library Catalogue, printed some years since, has likewise been prepared, and is now in the printer's hands.

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 Society of Arts, London.
- The Royal United Service Institution, London.
- The Royal Asiatic Society of Great Britain.
- The Royal Agricultural Society of England.
- The Anthropological Society of London.
- The Tyneside Naturalists' Field-club.
- The Pharmaceutical Society.
- The Entomological Society, London.
- The Royal Society of Literature.

The British Association for the Advancement of Science.  
 The Royal Institution of Cornwall.  
 The Literary and Philosophical Society of Leeds.

## SCOTLAND.

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

## IRELAND.

The Royal Dublin Society.  
 The Geological Society of Dublin.  
 The Catholic University of Ireland.  
 The Natural History Society of Dublin.

## EAST INDIES.

The Royal Asiatic Society of Bengal.

## AUSTRALIA.

The Acclimatization Society of Victoria.

## AMERICA.

The American Philosophical Society, Philadelphia.  
 The Franklin Institute, Boston.  
 The Smithsonian Institution, Washington.  
 The American Academy of Arts and Sciences.  
 The Lyceum of Natural History, New York.  
 The Academy of Natural Sciences of California.  
 The Natural History Society of Boston.  
 The Academy of Natural Sciences, Philadelphia.  
 The Patent Office, Washington.  
 The State Library, New York.  
 The Natural History Society of Montreal.  
 The Nova Scotian Institute, Halifax.

## SWITZERLAND.

La Société Vaudoise des Sciences Naturelles, Lausanne.  
 La Société de Physique et d'Histoire Naturelle de  
 Genève.  
 Der Naturforschender Gesellschaft in Basel.

## BELGIUM.

L'Académie Royale de Belgique.  
 La Société Royale des Sciences de Liège.

## HOLLAND.

De Koninklijk Zoologische Genootschap, Amsterdam.  
De Hollandsche Maatschappij der Wetenschappen te  
Haarlem.

## ITALY.

La Società Geologica di Milano.  
La Società Italiana di Scienze Naturali, Milano.

## RUSSIA.

L'Académie Impériale des Sciences de St. Pétersbourg.  
La Société Impériale des Naturalistes de Moscou.

## SCANDINAVIA.

Det Kongelige Danske Videnskabernes Selskabs, Copen-  
hagen.  
L'Académie Royale Suédoise des Sciences à Stockholm.  
Det Kongelige Norske Frederiks Universitets i Chris-  
tiania.

## FRANCE.

La Société Impériale Zoologique d'Acclimatation, Paris.  
La Société Linnéenne de Normandie.  
L'Académie Impériale des Sciences de Lyons.  
La Société Impériale d'Agriculture, d'Histoire naturelle,  
et des Arts utiles de Lyons.

## GERMANY.

Der Senckenbergische Gesellschaft, Frankfurt.  
Der Königl. Bayer. Akademie der Wissenschaften, Mün-  
chen.  
Der Königl. Akademie der Wissenschaften zu Berlin.  
Der Gesellschaft für die gesammte Naturwissenschaften  
in Halle.  
Der Zoologische Gesellschaft, Frankfurt a. M.  
Der Kaiserliche Akademie der Wissenschaften, Wien.  
Der Kunst- und Handwerks-Verein und Naturforschen-  
der Gesellschaft zu Altenburg.  
Der Naturwissenschaftlicher Verein, Hamburg.  
Der Geologische Reichsanstalt zu Wien.  
Der K. K. Zoologisch-botan. Gesellschaft in Wien.  
Der Königlichen Preuss. Akademie der Wissenschaften  
zu Berlin.  
Der Georg-Augusts Universität, und der Königl. Gesell-  
schaft der Wissenschaften zu Göttingen.

Der Königlichen Physikalische-ökonomischen Gesellschaft zu Königsberg.

Der Verein für Vaterländische Naturkunde in Württemberg.

Donations of Works, Memoirs, and Papers have also been received from Dr. F. H. Troschel; The Editor of the *Pharmaceutical Journal*; M. Crosse; James D. Dana, Esq.; Arthur J. E. Russell, Esq., M.P., F.Z.S.; James Hunt, Esq.; Dr. Isaac Lea; John Gould, Esq., F.Z.S.; Dr. Alexander Smith; Robert Garner, Esq.; Cuthbert Collingwood, Esq.; A. E. Foley, Esq.; Prof. Gio. Giuseppe Bianconi; Dr. Pedro F. da Costa Alvarenga; R. Swinhoe, Esq., F.Z.S.; Prof. Owen, F.R.S.; Dr. C. T. Beke; Don Angel Guirao; Messrs. R. Howse and J. W. Kirkby; G. Gulliver, Esq.; The Editor of the *Intellectual Observer*; C. Carter Blake, Esq.; Dr. Edwards Crisp, F.Z.S.; G. French Angas, Esq.; The Commissioner of Patents, Washington; and Messrs. Silliman and Dana.

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

#### 1. BUILDINGS AND WORKS.

The large surplus of Income accruing to the Society from the results of the year 1862 (whereby the funded property of the Society was increased ultimately to the sum of £15,000 Stock) rendered the Council anxious to carry out the plans commenced so successfully in the case of the New Antelope House, of adding to the large permanent buildings in the Society's Gardens. In the spring of the past year, accordingly, as already noticed in their Report to the last Anniversary Meeting, the Council entered into a contract with Messrs. Lucas for the building of three new Entrance-lodges, a new Aviary, and a new Monkey House, at a total cost of £6500, according to plans prepared for them by Anthony Salvin, Esq., Jun. These buildings, although delayed far beyond the time originally contemplated by the Council for their completion, are now finished and in working order, with the exception of the Monkey House, the interior fittings of which are not yet completed; and the Council cannot but believe that they will all of them prove satisfactory to the Fellows of the Society, and, as regards both beauty and utility, form material additions

to the Garden Establishment. Concerning each of them a few words of explanation may be requisite.

1. The three new Lodges replace the wooden boxes until recently tenanted by the money-takers at the entrance to the Society's Gardens. These buildings, although erected originally to serve merely temporarily for the purpose to which they were devoted, had been suffered to remain for many years without alterations, or anything more than necessary repairs. The new Lodges have been fitted up with every requisite necessary for the purposes for which they are intended. They are also ornamental adjuncts to the Society's premises, and have the further advantage of giving shelter from the weather to persons entering the Gardens, whilst they pay the entrance-fees or write their names in the visitors' books.

2. The New or Eastern Aviary, as it is proposed to call it, occupies nearly the same ground as the former Aviary which was removed to make room for it. It is, however, larger in dimensions, and has been constructed on very different principles, being, as the Council believe, in several respects superior to any other building for the care and exhibition of birds that has yet been erected in this country. The elevation of the floor above the ground brings the objects displayed within it more nearly to the level of the eye of the spectator, and is also of advantage to the inmates themselves, in securing better drainage and affording more air and light. The passage through the interior of the building must be also regarded as an improvement, as enabling the birds to be seen in winter and in bad weather, when under ordinary circumstances they are inaccessible to visitors.

3. The New Monkey House, which has been erected on one of the best sites in the Society's premises, will replace what is at present perhaps the most defective portion of the Society's Garden-establishment. The closed windowless building which has been devoted to the exhibition of *Quadrupana* ever since the first establishment of the Gardens has been long condemned as objectionable in many respects, and is, moreover, fissured in a dangerous way from having been built on imperfect foundations. The Council therefore gladly embraced the opportunity offered by the surplus of Income in 1862 to carry out a plan for replacing it by a building constructed upon entirely different principles. The chief object aimed at in the New Monkey

House has been to give the animals as much light and sun as possible; and though it may be objected that a building of glass and iron is likely to prove hot in summer and cold in winter, it is believed that both these inherent defects will be remedied in the present instance—the first by the introduction of Creepers and plants, and the great care taken to ensure ventilation, and the second by the use of the same hot-water warming apparatus that has been found so efficient in others of the Society's buildings. It is also hoped that the New Monkey House will be free from the bad odours, which no amount of care has succeeded in removing in the case of the former building.

The contract-price with Messrs. Lucas for the erection of the three Lodges, the New Aviary, and the New Monkey House was £6500. Their total cost, including warming-apparatus, internal fittings, and the necessary rearrangement of the ground outside, will probably exceed £7000, which sum will be found charged to their account under the head of extraordinary expenditure in 1863.

Another important work executed during the past year, and charged to its expenditure, is the row of Cattle-sheds in the paddock near the South entrance to the Gardens. A building of this sort, wherein the Society's collection of Bovine animals might be brought together and exhibited in a connected series, had long been a desideratum. The strong oak fencing requisite in such a case, in order to render the yards fit for the reception of Bisons, Buffaloes, and other animals of this class, rendered the building rather expensive, considering its character; but the Council have every reason to believe that it is thoroughly well adapted for the purpose intended, and that under the circumstances the sum expended upon it (£711 11s. 8d.) was not excessive.

The thorough repair of the Elephant-pond and inclosure was also effected during the past summer—the size of the basin having been somewhat reduced, so as to allow of a more frequent change of water, the back rebuilt, and the bottom repaved—at a total cost of £204 1s. 8d.

Various minor additions to the buildings in the Gardens, the particulars of which are given in the table of extraordinary expenditure, cost altogether the sum of £156.

The sum of £246 10s. 2d. was devoted to the thorough repair of the walks, the large number of visitors to the Gardens in 1862 having rendered an additional outlay

(beyond the sum usually devoted to that purpose) very desirable.

The number and importance of the new buildings in process of erection in the Gardens rendered it desirable that the services of an efficient clerk of the works should be secured while they were in progress; and the salary paid to him, at the rate of £3 3s. per week, will also be found charged to extraordinary expenditure.

These items, it will be found, make up the total sum of £8710 11s. 7d., being the amount charged to extraordinary expenditure under the head of Works and Buildings in 1863.

## 2. MENAGERIE.

The general state of the Society's extensive Menagerie has continued to remain highly satisfactory since the last Anniversary. The census taken on the 1st of January last showed a slight but unimportant decrease in the total number of vertebrated animals in the Gardens during the year; the number on the 1st of January, 1863, having been 1748, and that on the 1st of January, 1864, 1730. Of the latter 567 were Quadrupeds, 1063 Birds, and 100 Reptiles, forming in the whole by far the largest and most complete series of living animals in Europe.

Although it becomes more difficult every year to find additions in the shape of animals that are quite new to such a collection, the subjoined list of 12 Mammals, 35 Birds, 22 Reptiles, and 8 Fishes, that were exhibited alive for the first time in the year 1863, will show that the Council's efforts in this direction have also met with some success. They have, however, on the present occasion, no such strange forms as the Aye-aye or the Kagu to record as added to the series for the first time.

### LIST OF SPECIES EXHIBITED FOR THE FIRST TIME IN THE YEAR 1863.

#### MAMMALS.

1. Howling Monkey (*Mycetes ursinus*, Humb.).
2. Yellow-cheeked Lemur (*Lemur xanthomystax*, Gray).
3. Allen's Galago (*Galago allenii*, Waterh.).
4. Common Porpoise (*Phocæna communis*, Less.).
5. Japanese Bear (*Ursus japonicus*, Schl.).



6. Western Wapiti Deer (*Cervus canadensis*, var. *occidentalis*).
7. Sondaic Ox (*Bos sondaicus*, Müll.).
8. Andaman Wild Boar (*Sus andamensis*, Blyth).
9. Penang Squirrel (*Sciurus vittatus*, Raffl.).
10. Fat Dormouse (*Myoxus glis*, Schreb.).
11. Hairy-nosed Wombat (*Phascolomys lasiorhinus*, Gould).
12. Black Wombat (*Phascolomys niger*, Gould).

## BIRDS.

1. Whistling Eagle (*Haliastur sphenurus* (Vieill.)).
2. Crowned Harpyhaliaëtus (*Harpyhaliaëtus coronatus*, Temm.).
3. Saker Falcon (*Falco sacer*, Schl.).
4. Fraser's Eagle-Owl (*Bubo poensis*, Fraser).
5. Variegated Touracou (*Schizorhis africana*, Lath.).
6. Green-cheeked Amazon (*Chrysotis viridigenalis*, Cass.).
7. Yellow-cheeked Conure (*Conurus chrysogenys*, Mass. et Souan.).
8. Ka-ka Parrot (*Nestor hypopolius*, Forst.).
9. Swift Parrakeet (*Lathamus discolor*, Shaw).
10. White-billed Hornbill (*Buceros albirostris*, Shaw).
11. Pied Hornbill (*Buceros pica*, Scop.).
12. Pied Grallina (*Grallina australis*, Gray).
13. Red-vented Bulbul (*Pycnonotus hæmorrhous*, Gm.).
14. Brazilian Tanager (*Ramphocelus brasilius*, Linn.).
15. Dufresne's Waxbill (*Estrela dufresnii*, Vieill.).
16. Brazilian Blue Grosbeak (*Guiraca cyanea*, Linn.).
17. White-vented Seed-Finch (*Spermophila hypoleuca*, Licht.).
18. Olive Finch (*Phonipara olivacea*, Linn.).
19. Melodious Finch (*Phonipara canora*, Gm.).
20. Yellow Sparrow (*Passer luteus*, Licht.).
21. Sooty Crow (*Strepera fuliginosa*, Gould).
22. Great Grey Shrike (*Lanius meridionalis*, Temm.).
23. Double-ringed Turtle Dove (*Turtur bitorquatus*, Temm.).
24. Barred Turtle Dove (*Geopelia striata*, Linn.).
25. Bartlett's Pigeon (*Phlogœnas bartlettii*, ScL.).
26. Horned Tragopan (*Ceriornis satyra*, Cuv.).
27. Pucras Pheasant (*Pucrasia macrolopha*, Less.).
28. Sœmmering's Pheasant (*Phasianus sœmmeringii*, Temm.).

29. Rufous Francolin (*Galloperdix spadiceus*, Gm.).
30. Greek Partridge (*Caccabis saxatilis*, Bechst.).
31. Allen's Porphyrio (*Porphyrio allenii*, Thomps.).
32. Sombre Gallinule (*Gallinula tenebrosa*, Gould).
33. West-African Tantalus (*Tantalus ibis*, Linn.).
34. Australian Coot (*Fulica australis*, Gould).
35. Little Grebe (*Podiceps minor*, Linn.).

#### REPTILES.

1. Starred Tortoise (*Testudo stellata*, Schw.).
2. Annulated Terrapen (*Emys annulata*, Gray).
3. Duméril's Water-Tortoise (*Podocnemis dumeriliana*, Wagl.).
4. Scorpion Terrapen (*Cinosternon scorpioides*, Gray).
5. Madeiran Lizard (*Teira punctata*, Gray).
6. Australian Lizard (*Grammatophora muricata*, Shaw).
7. Bosk's Spine-foot (*Acontodactylus boskianus*).
8. Sand-Asp (*Vipera ammodytes*, Klein).
9. Four-lined Snake (*Coluber quadrilineatus*, Pall.).
10. Green and Yellow Snake (*Coluber viridiflavus*).
11. Leopardine Snake (*Coluber leopardinus*).
12. Parallel-lined Snake (*Periops parallelus*).
13. Clifford's Snake (*Zamenis cliffordii*, Schl.).
14. Dorsal Snake (*Philodryas dorsalis*, Günth.).
15. Diamond Snake (*Morelia spilotes*, Lacép.).
16. Eryx Snake (*Eryx jaculus*, Daud.).
17. Sharp-snouted Snake (*Heterodon madagascariensis*).
18. Ewing's Tree Frog (*Hyla ewingii*, Dum. et Bibr.).
19. Yellow-footed Tree Frog (*Hyla citropus*, Dum. et Bibr.).
20. Krefft's Tree Frog (*Hyla krefftii*, Günth.).
21. Leaf-green Tree Frog (*Hyla phyllochroa*, Günth.).
22. Australian Toad (*Pseudophryne australis*).

#### FISHES.

1. Salmon (*Salmo salar*, Linn.).
2. Charr (*Salmo umbla*).
3. Great Lake Trout (*Salmo ferox*, Jard. and Selb.).
4. Broad-nosed Eel (*Anguilla latirostris*, Yarr.).
5. Grayling (*Thymallus vexillifer*, Agass.).
6. Sturgeon (*Acipenser sturio*, Linn.).
7. Small-spotted Dog-fish (*Scyllium canicula*, Linn.).
8. Pope Fish (*Acerina vulgaris*).

In the foregoing list the recent additions made to the Society's series of Pheasants are perhaps those which have excited the most general interest, and best offer occasion for a few remarks. In the month of April, last year, the Secretary of the Society read at one of the scientific meetings a paper (since published in the 'Proceedings') on the family Phasianidæ, in which fifty-six species of this splendid group of birds were enumerated as known to science. Of these, no less than twenty-nine have been already, at different times, obtained living for the Society's collections, and exhibited in their Aviaries. The Society's present series of this family embrace the following species:—

1. The Impeyan Pheasant (*Lophophorus impeyanus*).
2. The Common Pheasant (*Phasianus colchicus*).
3. The Japanese Pheasant (*Phasianus versicolor*).
4. Sœmmering's Pheasant (*Phasianus sœmmeringii*).
5. The Wallich's Pheasant or Cheer (*Phasianus wallichii*).
6. The Golden Pheasant (*Thaumalea picta*).
7. The Rufous-tailed Pheasant (*Euplocamus erythrophthalmus*).
8. The Silver Pheasant (*Euplocamus nycthemerus*).
9. Horsfield's Kaleege (*Euplocamus horsfieldi*).
10. The Black-backed Kaleege (*Euplocamus melanotus*).
11. The White-crested Kaleege (*Euplocamus albocristatus*).
12. Sonnerat's Jungle-fowl (*Gallus sonneratii*).
13. The Tragopan (*Cerionis satyra*).
14. The Common Pea-fowl (*Pavo cristatus*).
15. The Black-winged Pea-fowl (*Pavo nigripennis*).
16. The Indian Polyplectron (*Polyplectron chinquis*).
17. The Wild Turkey (*Meleagris gallopavo*).
18. The Ocellated Turkey (*Meleagris ocellata*).

Of these, Sœmmering's Pheasant, the Rufous-tailed Pheasant, and the Black-headed Tragopan are all recent introductions, and, as there are pairs of each of them in the collection, may probably become permanent additions to the list of breeding *Phasianidæ*.

In order to bring more effectually to the knowledge of their numerous correspondents and friends in the East and elsewhere the present state of the Society's collection of these birds and the species that were still *desiderata* to

the list, the Council have sent out to India and China copies of the Secretary's paper on the Pheasants above mentioned, illustrated by coloured figures of such of the species as would appear to be the most desirable additions to the collection. The list is also accompanied with instructions as to the best method of keeping these birds in confinement, and of packing them for conveyance to England. With regard to the latter point, the many difficulties experienced by the Society's correspondents in procuring the safe conveyance of Pheasants and other game-birds to this country will, it is hoped, be greatly diminished by recent arrangements made by the Council, in conjunction with Mr. John J. Stone, for the transmission of such birds by the overland route. Under these arrangements, birds of this nature, destined for the Society, may be forwarded from the different ports in India and China through Mr. John J. Stone's correspondents, viz.:—

Calcutta . . . . .	{	Messrs. Mackenzie, Lyall, and Co.
		Wm. Newton, Esq., Belatee Bungalow.
Rangoon . . . . .		Messrs. Edmund Jones and Co.
Singapore . . . . .		Messrs. Paterson, Simons, and Co.
Hongkong . . . . .	}	Messrs. Siemssen and Co.
Shanghai . . . . .		

But as it is very desirable that the transit of the specimens to England should be as rapid as possible, it has been intimated to those persons who are anxious to assist in the desirable object of introducing these new and splendid birds into this country, that they should in all cases, before sending off the birds, kindly communicate with Mr. Stone's agents at the nearest port, to ascertain the most convenient time for despatching them.

Another event which has taken place since the last Anniversary, and which the Council trust may result in the further acquisition of valuable additions to the Society's Menagerie, is the mission of the Society's head keeper, Mr. J. Thompson, to India.

Several of the Society's Corresponding Members in India—amongst whom may be particularly mentioned Mr. A. Grote and the Babu Rajendra Mullick of Calcutta, and Mr. W. Dunn of Akyab—having announced that they had collections waiting for transmission to the Society, amongst which were a pair of young Rhinoceroses, some Panolia Deer, examples of the *Galeopithecus volans*, and

other valuable animals, the Council determined on sending out to Calcutta, to receive and bring back those proffered donations, Mr. Thompson, who had previously made the same journey with such signal success on the occasion of the introduction of the Himalayan Pheasants in 1858. They also gladly embraced the opportunity of sending out to the Babu Rajendra Mullick a selection of living animals likely to be acceptable to that gentleman, as some return for the many valuable donations that he has from time to time made to the Society's Menagerie. The Society will be pleased to hear that Mr. Thompson, who left England in the 'Hydaspes' on the 28th of November last, has reached Calcutta with only the loss of one individual of the collection under his charge.

The following list contains the names of the Mammals, Birds, and Reptiles which have bred in the Society's Gardens during the year 1863.

LIST OF SPECIES WHICH HAVE BRED IN THE GARDENS OF THE  
ZOOLOGICAL SOCIETY BETWEEN THE 1ST OF JANUARY 1863  
AND THE 1ST OF JANUARY 1864.

MAMMALS.

1. Arabian Baboon (*Cynocephalus hamadryas*, Linn.).
2. Common Wolf (*Canis lupus*, Linn.).
3. Black-backed Jackal (*Canis mesomelas*, Schreb.).
4. Lion (*Felis leo*, Linn.).
5. Tiger (*Felis tigris*, Linn.).
6. Hybrid Jaguar (between male *Felis onça*, Linn., and *Felis hernandesii*, Gray).
7. Persian Deer (*Cervus wallichii*, Cuv.).
8. Japanese Deer (*Cervus sika*, Temm.).
9. Sambur Deer (*Cervus aristotelis*, Cuv.).
10. Molucca Deer (*Cervus moluccensis*, Müll.).
11. Hog Deer (*Cervus porcinus*, Zimm.).
12. Giraffe (*Camelopardalis giraffa*, Gmel.).
13. Aoudad (*Ovis tragelaphus*, Desm.).
14. Hybrid Ibex (*Capra ibex*, Linn.).
15. Eland (*Oreas canna*, Pall.).
16. Yak (*Bos grunniens*, Linn.).
17. Brahmin Cattle (*Bos indicus*, Linn., var.).
18. Piedmontese Cattle (*Bos taurus*, Linn., var.).
19. Bison (*Bos americanus*, Linn.).
20. Collared Peccary (*Dicotyles tajaçu*, Linn.).

21. Hyrax (*Hyrax capensis*, Schreb.).
22. Mitchell's Hapalote (*Hapalotis mitchellii*, Ogilby).
23. Golden Agouti (*Dasyprocta aguti*, Linn.).
24. Hybrid Phalanger (between *Phalangista vulpina*, Shaw, and *Phalangista fuliginosa*, Ogilby).

## BIRDS.

1. Turquoise Parrakeet (*Euphema pulchella*, Shaw).
2. Crested Ground Parrakeet (*Calopsitta novæ-hollandiæ*, Gmel.).
3. Pied Wagtail (*Motacilla yarrellii*, Gould).
4. Naked-eyed Pigeon (*Columba gymnophthalma*, Temm.).
5. Cambayan Turtle Dove (*Turtur senegalensis*, Linn.).
6. Vinaceous Turtle Dove (*Turtur vinaceus*, Gmel.).
7. Red Ground-Dove (*Geotrygon montana*, Linn.).
8. Mountain-Witch Dove (*Geotrygon cristata*, Temm.).
9. Bronze-winged Pigeon (*Phaps chalcoptera*, Lath.).
10. Wonga-wonga Pigeon (*Leucosarcia picata*, Lath.).
11. Hybrid Pea-fowl (between male *Pavo nigripennis* and female *Pavo cristatus*, Linn.).
12. Horned Pheasant (*Cerionis satyra*, Cuv.).
13. Cheer Pheasant (*Catreus wallichii*, Hardw.).
14. Japanese Pheasant (*Phasianus versicolor*, Temm.).
15. Impeyan Pheasant (*Lophophorus impeyanus*, Lath.).
16. Common Rhea (*Rhea americana*, Vieill.).
17. Mooruk (*Casuaris bennettii*, Gould).
18. Mantchourian Crane (*Grus montignesia*, Bp.).
19. Common Crane (*Grus cinerea*, Bechst.).
20. Hybrid Coot (between *Fulica cristata*, Lath., and *Fulica atra*, Linn.).
21. Upland Goose (*Chloëphaga magellanica*, Gmel.).
22. Ashy-headed Goose (*Chloëphaga poliocephala*, Gray).
23. Ruddy-headed Goose (*Chloëphaga rubidiceps*, Sclater).
24. Ruddy Sheldrake (*Casarca rutila*, Pall.).
25. Summer Duck (*Aix sponsa*, Linn.).
26. Mandarin Duck (*Aix galericulata*, Linn.).
27. Bahama Duck (*Pæcilonetta bahamensis*, Linn.).
28. Yellow-billed Duck (*Anas xanthorhyncha*, Forst.).
29. Herring-Gull (*Larus argentatus*, Brünn.).

## REPTILES.

1. Water-Viper (*Cenchrus piscivorus*, Gray).

## FISHES.

1. Trout (*Salmo fario*, Linn.).
2. Salmon (*Salmo salar*, Linn.).

The following is a List of Donors and their several Donations to the Menagerie from the 1st of April 1863 up to the 1st of the present month.

DONATIONS TO THE MENAGERIE FROM 1ST APRIL 1863 TO  
31ST MARCH 1864.

Abbott, Capt.	<i>Seven South American Ground-Doves.</i>
	<i>One Common Boa.</i>
Adam, W. H., Esq.	<i>One Raccoon.</i>
Adams, Arthur, Esq.	<i>One Smooth Snake.</i>
Aldridge, Major.	<i>One Capuchin Monkey.</i>
Anderson, F., Esq.	<i>One Toco Toucan.</i>
Arcedeckne, A., Esq.	<i>Two Smelts.</i>
	<i>Twelve Flounders.</i>
Ashmall, W. H., Esq., C.M.Z.S.	<i>One Allen's Galago.</i>
Austen, N. L., Esq.	<i>One Mole.</i>
	<i>One Kestrel.</i>
Aveling, H. J., Esq.	<i>One Mealy Amazon.</i>
Barry, J. Joshua, Esq.	<i>One Laland's Long-eared Fox.</i>
Bartlett, Mr.	<i>One Bramble Finch.</i>
Baru, C., Esq.	<i>One Herring Gull.</i>
Baychut, E. W., Esq.	<i>One Frugivorous Bat.</i>
Bell, W., Esq.	<i>One Norway Lemming.</i>
Bennett, Dr. George, F.Z.S.	<i>One Kagu.</i>
Bergman, —, Esq.	<i>One Peewit.</i>
Bernard, Mons.	<i>One Macaque Monkey.</i>
Blackwall, Thomas, Esq.	<i>Two Egyptian Foxes.</i>
Blyth, Edward, Esq., C.M.Z.S.	<i>One Long-eared Owl.</i>
Boothly, C. E., Esq.	<i>One Woodcock.</i>
Boswell, John, Esq.	<i>One Common Badger.</i>
Boyle, P. D., Esq.	<i>One Common Barn Owl.</i>
Bree, Dr. C. R.	<i>One Raven.</i>
Brown, —, Esq.	<i>One Common Jackal.</i>
Buckland, F. T., Esq., F.Z.S.	<i>Eight Starfishes.</i>
	<i>One Golden Tench.</i>
	<i>A Collection of French Trout Spawn.</i>
	<i>One Hawk's-billed Turtle.</i>





- Fielden, Sir W. H.  
 Fleming, John, Esq.  
 Fletcher, John, Esq.  
 Forster, H. Ramsey.  
 Frost, T., Esq.  
 Gass, W., Esq.  
 Gayleard, —, Esq.  
 Goin, T., Esq.  
 Goldsmith, G. Q., Esq.  
 Greey, Edward, Esq., C.M.Z.S.
- Grote, A., Esq., C.M.Z.S.
- Gunn, Ronald, Esq.  
 Gurney, J. H., Esq., M.P.
- Gurney, Samuel, Esq., M.P.
- Halesworth, —, Esq.  
 Hall, Henry, Esq.  
 Hall (Master), A. M.  
 Hamilton, Viscount, F.Z.S.  
 Hand, Lieut. H.  
 Hargett, E., Esq.  
 Hensman, H. P., Esq.  
 Hertslet, E., Esq.  
 Hewitt, H., Esq.  
 Hindly, —, Esq.  
 Holdsworth, E. W. H., Esq., F.Z.S.
- Hopkins, H. G., Esq.  
 Hudson, Rev. H.  
 Huggins, Dr.  
 Hutchkiss, Capt.  
 Jaffray, W., Esq.  
 H.R.H. The Prince de Joinville.
- One Solitary Thrush.*  
*One Ruffed Lemur.*  
*Two Stock Doves.*  
*One Common Macaque Monkey.*  
*One Common Paradoxure.*  
*One Common Chameleon.*  
*One Grison.*  
*A pair of Passerine Doves.*  
*One Indian Grakle.*  
*One Howling Monkey.*  
*Thirteen South American Li-*  
*zards.*  
*One Three-toed Sloth.*  
*One Geoffroy's Spider Monkey.*  
*One Crested Screamer.*  
*One Mace's Sea-Eagle.*  
*One Common Pea-fowl.*  
*One Four-horned Antelope.*  
*Two Tasmanian Wolves.*  
*One Marsh Harrier.*  
*Four Otters (one adult ♀ and*  
*three young).*  
*2000 Trout Ova.*  
*Two pairs of Common Trout.*  
*One Rhesus Monkey.*  
*One Dabchick.*  
*Four Little Grebe.*  
*A Collection of Marine Animals.*  
*One Small Tiger Cat.*  
*Six Gannet Eggs.*  
*Two Hen Harriers.*  
*One young Ostrich.*  
*One Vervet Monkey.*  
*A Collection of Medusæ.*  
*One Hawk's-billed Turtle.*  
*Two Jerboas (Egyptian).*  
*500 Grayling Ova.*  
*One Spotted Cavy.*  
*One Coypu.*  
*One Pig-tailed Monkey.*  
*One Banded Curassow.*  
*One pair of Razor-billed Curas-*  
*sows.*

- H.R.H. The Prince de Joinville. *One White-crested Guan.*  
*Two Red-and-Yellow Maccaws*  
*One young Wolf.*
- Kelaart, W. C., Esq. *One Capuchin Monkey.*  
 Kennedy, E. B., Esq. *One Vervet Monkey.*  
 Keppel, Lieut. L. C., R.N. *One pair of Guinea Fowl.*  
 King, Mrs. *One Cockatoo.*  
 King, Mrs. Moss. *One Rose-crested Cockatoo.*  
 Kirke, Dr. John. *One African Lepidosiren.*  
 Kreff, Gerrard. *One Diamond Snake.*  
*Two Lizards.*  
*Two Australian Lizards.*  
*Two Australian Frogs.*  
*Three Diamond Snakes.*  
*Five Australian Toads.*
- Langley, Robert, Esq. *One Rhesus Monkey.*  
 Lascelles, R. F., Esq., jun. *Two Common Cuckoos.*  
 Layard, A. H., Esq. *Three Greek Partridges.*  
 Lee, Rev. W. Lee. *One Common Adder.*  
 Lennon-Hunt, G. S., Esq., H.B.M. Consul Pernambuco. *One Common Boa.*  
*A Spotted Cavy.*
- Lloyd, W., Esq. *Three Rhesus Monkeys.*  
 Londesborough, Lord. *Four Griffon Vultures.*  
*One Imperial Eagle.*
- Lukyn, Edward, Esq. *Four Kingfishers.*  
 Mackay, T., Esq. *One Great Kangaroo.*  
 Mardon, Lieut. J. H. *One Vervet Monkey.*  
*One ♀ Sloth Bear.*
- Marshall, J., Esq. *One Tuberculated Iguana.*  
*Three Common Kingfishers.*
- Meek, R. G., Esq. *One Three-toed Sloth.*  
 Millar, J., Esq. *One Common Jackal.*  
 Minton, J., Esq. *One Porpoise.*  
 Moger, Frederick, Esq. *One Vulpine Opossum.*  
 Möller, M. *One Macaque Monkey.*  
 Monteiro, J. J., Esq. *One Pale Genet.*  
 Moore, C., Esq. *One Brush Turkey.*  
 Müller, Dr., C.M.Z.S. *One Black-backed Porphyrio.*  
*Two Wonga-Wonga Pigeons.*
- Mullick, The Babu Rajendra. *Eleven Shawl Goats.*  
*Four Pheasants.*  
*21 Green-winged Doves.*  
*Six Nicobar Pigeons.*

- Mullick, The Babu Rajendra. *Five Little-barred Doves.*  
*Six Dwarf Turtle-Doves.*  
*One Spotted Dove.*  
*Two Crowned Pigeons.*  
*Four Porphyrios.*  
*Eleven Francolins.*  
*Six Fan-tailed Pigeons.*
- Munro, D. C., Esq., H.B.M. Consul Surinam.  
*Two Brazilian Tortoises.*
- Murray, D., Esq. *One Australian Snake.*
- Newton, A., Esq. *One Pallas's Sand-Grouse.*
- Newton, Edward, Esq. *One Sharp-snouted Snake.*
- North, Hon. F. *One Virginian Opossum.*
- Oakley, Henry, Esq., R.N. *Five Common Kites.*
- Peacock, —, Esq. *One Long-eared Owl.*
- Penny, W., Esq. *One Smooth Snake.*
- Perry, G. R., Esq., British Consulate, Para.  
*One Common Boa.*
- Phayre, Col. A. P., C.M.Z.S. *One Sondaic Ox.*
- Phillips, Mrs. *One Common Macaque Monkey.*
- Pocklington, Capt. 18th Regt. *One Wanderoo Monkey.*
- Powell, D., Esq. *One King Vulture.*
- Pulley, W., Esq. *One Bonnet Monkey.*
- Reay, William, Esq. *One Opossum.*
- Rendell, J., Esq. *One Common Sea-Eagle.*
- Richards, Charles, Esq. *One Mona Monkey.*
- Ridges, Capt. *Four Murray Cod.*
- Ridgers, Capt. *One Piping Crow.*
- Rigg, W. T., Esq. *One Brown Coati.*
- Robins, F. W., Esq. *One Indian Civet Cat.*
- Robinson, G. W., Esq. *One Bonnet Monkey.*
- Rubie, Frederick J., Esq. *One Bonnet Monkey.*
- Rutherford, Lieut. John F. *Two Barbary Pigeons.*  
*One St. Lucia Dove.*
- Salter, Dr., F.Z.S. *A Collection of Marine Animals.*  
*One Smooth Snake.*  
*A Collection of Marine Animals.*  
*A Collection of Marine Fishes.*
- Salvin, Osbert, Esq., F.Z.S. *One Annulated Terrapen.*
- Sanaze, Anthony, Esq. *Two Female Goosanders.*
- Sarjeant, A., Esq. *A Rhesus Monkey.*
- Sawyer, Capt. *Five Lizards.*
- Scott, W. B., Esq. *Two Cornish Choughs.*
- Sedger, J. S., Esq. *One Rhesus Monkey.*

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|---------------------------------------|--|
| Selwyn, Rev. E.                       | <i>One Maugé's Opossum.</i>                |
| Séquard, Master A. G. B.              | <i>Four Water-Tortoises.</i>               |
| Sharpley, Dr.                         | <i>One Undulated Grass Parrakeet.</i>      |
| Sheldon, Edward, Esq.                 | <i>One Mexican Deer.</i>                   |
|                                       | <i>One Hawk's-billed Turtle.</i>           |
| Sheppard, Edward, Esq.                | <i>One Cuttlefish.</i>                     |
| Shortt, Dr., F.Z.S.                   | <i>One Indian Rat Snake.</i>               |
|                                       | <i>One Sand Snake.</i>                     |
| Slack, Dr.                            | <i>One Red-tailed Buzzard.</i>             |
| Smith, E. T., Esq.                    | <i>One Echidna.</i>                        |
| Smith, James, Esq.                    | <i>Two Bonnet Monkeys.</i>                 |
| Soutit, Capt.                         | <i>One Macaque Monkey.</i>                 |
| Spraule, B. E., Esq.                  | <i>One Chameleon (China).</i>              |
| Stanley, G. E., Esq.                  | <i>One Patas Monkey.</i>                   |
| Stewart, Capt.                        | <i>Six Arctic Foxes.</i>                   |
|                                       | <i>Two Great Eagle-Owls.</i>               |
| Straker, H., Esq.                     | <i>One Gazelle.</i>                        |
| Swift, R., Esq., Corr. Memb.          | <i>One Owl.</i>                            |
| Symonds, J., Esq.                     | <i>One Macaque Monkey.</i>                 |
| Symonds, P., Esq.                     | <i>One Kingfisher.</i>                     |
| Taylor, Rev. E. Cavendish, F.Z.S.     | <i>One Antillean Boa.</i>                  |
|                                       | <i>One Dorsal Snake.</i>                   |
| Telfer, J. T., Esq.                   | <i>One pair of Mountain-Witch Doves.</i>   |
| Tetley, J. D., Esq.                   | <i>One pair of Variegated Shel-drakes.</i> |
| Thompson, Mr.                         | <i>A Collection of Marine Animals.</i>     |
| Trevelyan, Sir W. C., Bart.           | <i>A Collection of Barnacles.</i>          |
| Victoria, Acclimatization Society of. | <i>Three Australian Sheldrakes.</i>        |
| Vignoles, H., Esq.                    | <i>One White Egret.</i>                    |
| Watson, Mrs. Alexander.               | <i>One Kangaroo.</i>                       |
| Watson, W. B., Esq.                   | <i>One Rhesus Monkey.</i>                  |
| Watts, J., Esq.                       | <i>One Dingo.</i>                          |
| Weinland, Dr.                         | <i>Thirteen Alpine Newts.</i>              |
| Werner, Messrs. W. & Co.              | <i>One Male Viscacha.</i>                  |
| Wodehouse, Edmund R., Esq.            | <i>One Rhebok Antelope.</i>                |
|                                       | <i>One Egyptian Vulture.</i>               |
| Wolley, Rev. C.                       | <i>Four Sand Lizards.</i>                  |
|                                       | <i>Twelve Sand Lizards.</i>                |
| Woodward, Henry, Esq., F.Z.S.         | <i>Five Marbled Newts.</i>                 |
| Wright, Charles, Esq.                 | <i>One Maltese Snake.</i>                  |
| Wright, C. A., Esq.                   | <i>Two Small Snakes.</i>                   |

Wucherer, Dr.	<i>One Taira.</i>
	<i>One Kinkajou.</i>
	<i>One Brazilian Chameleon.</i>
	<i>One Duméril's Water-Tortoise.</i>
Wylie, A. H., Esq.	<i>A Collection of Marine Animals.</i>
Wynward, Lieut.-Gen.	<i>One Hyrax.</i>
Yardley, Miss.	<i>One Gannet.</i>
Yate, A. S., Esq.	<i>Two Marsh Harriers.</i>
	<i>One Cuckoo.</i>

*Conclusion.*

It now only remains for the Council to ask for the Society's thanks for the many liberal donations recorded in the previous lists. They have also to acknowledge their obligations to those Fellows who have aided them in conducting the business of the Society by acting on the various Committees of Finance, Audit, and Publication, during the past twelve months.

The Council, however, cannot finally conclude their Report without offering their congratulations to the Society upon the present prosperous state of its affairs. The yearly increase in the popularity of the Society's Gardens as a place of public resort, the large additions to the numbers of the Fellows, and the very favourable state of the Income enable them to do this with the utmost confidence as regards the year 1863; and so far as the present year has advanced, there seems every probability that in all these respects the account of the Society's affairs at the next succeeding Anniversary will prove to be no less satisfactory.

Signed for the Council,

P. L. SCLATER,

*Secretary.*

11 Hanover Square,  
April 29th.

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

*Appointed January 21, 1864.*

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HAVING fully examined the Accounts of the Society, inspected the Books, and seen Vouchers for all the Payments ordered by the Council for the year ending December the 31st, 1863, the Committee of Auditors beg respectfully to submit to the Society an Abstract of such Accounts, with a Statement of the Assets and Liabilities, and a Report thereon.

## RECEIPTS.

				£	s.	d.	
Balance brought from Dec. 31, 1862 .....				2,120	0	3	
<b>INCOME.</b>							
Belonging to years		£	s.	d.	£	s.	d.
1851 to 1859	Admission Fees .....	10	0	0	78	3	0
	Annual Subscriptions .....	3	0	0			
	Transactions .....	15	10	0			
	Proceedings .....	43	13	0			
	Garden Sales .....	6	0	0			
1860	Admission Fees .....	5	0	0	44	9	0
	Annual Subscriptions .....	8	0	0			
	Proceedings .....	31	9	0			
1861	Admission Fees .....	20	0	0	113	18	3
	Annual Subscriptions .....	26	0	0			
	Transactions .....	11	6	0			
	Proceedings .....	40	17	6			
	Garden Sales .....	15	14	9			
1862	Admission Fees .....	50	0	0	614	18	11
	Annual Subscriptions .....	122	0	0			
	Transactions .....	27	5	8			
	Proceedings .....	132	11	8			
	Garden Sales .....	210	8	3			
	Rent for Refreshment Room .....	72	13	4			
1863	Admissions to Gardens .....	11,781	0	6	19,389	0	9
	Garden Sales .....	1,191	8	6			
	Rent for Refreshment Room .....	660	0	0			
	Admission Fees .....	620	0	0			
	Compositions .....	1,200	0	0			
	Annual Subscriptions .....	3,021	12	0			
	Ivory Tickets .....	54	2	0			
	Transactions .....	46	4	9			
	Proceedings .....	119	19	6			
	Publications .....	240	11	0			
	Dividends .....	420	11	3			
Miscellaneous .....	33	11	3				
1864	Annual Subscriptions (anticipated) ...	41	0	0	44	3	0
	Publications (ditto) .....	3	3	0			
INCOME RECEIVED IN 1863 .....				20,284	12	11	
Proceeds of Sale of £2000 Reduced 3 per Cents. ....				1,805	0	0	
				24,209	13	2	

PAYMENTS.

EXPENDITURE.		Gardens.			General Estabt.			Total.											
		£	s.	d.	£	s.	d.	£	s.	d.									
Belonging to years	1862	Rent, Rates, Taxes, &c. ....									205	5	7	61	8	3	266	13	10
		Bills .....									967	16	6	392	2	1	1,359	18	7
Paid on account of previous year .....		1,173	2	1	453	10	4	1,626	12	5									
1863	Rent, Rates, Taxes, &c. ....									553	13	6	162	2	5				
	Salaries, Wages, Pensions .....									2,854	12	7	1,039	14	6				
	Cost of Animals .....									1,083	7	10							
	Carriage of Animals and Keepers' Expenses .....									190	17	10							
	Cost of Expedition to India .....									209	1	0							
	Keepers' Dresses .....									98	2	6							
	Menagerie Expenses .....									1,623	17	9							
	Provisions .....									3,443	12	11							
	New Buildings and Works connected									3,804	10	10							
	Other Works, Repairs, and Materials .....									1,782	17	1	20	6	2				
	Garden Expenses .....									523	4	8							
	Band Expenses .....									183	10	9							
	Advertisements .....									154	3	10							
	House and Office Expenses .....									116	4	11	227	12	5				
	Stationery .....												68	6	5				
	Printing (Miscellaneous) .....												171	7	6				
	Library Expenses .....												211	9	5				
Proceedings, including Printing .....												943	11	1					
Transactions, do. do. ....												144	9	10					
Returned Subscriptions .....												15	1	0					
Paid on account of the current year .....		16,621	18	0	3,004	0	9	19,625	18	9									
EXPENDITURE PAID IN 1863 .....		17,795	0	1	3,457	11	1	21,252	11	2									
Paid for £1000 Reduced 3 per Cents .....								912	10	0									
Paid for a Power of Attorney for Sale of £2000 Reduced 3 per Cents ...								1	1	6									
Cash at the Banker's, December 31, 1863, viz.		General Account .....			£1,922			16			11								
		Petty Cash Account ...			120			13			7								
								2,043	10	6									
								24,209	13	2									



The Assets and Liabilities of the Society on the 31st of  
December 1863 were as follow:—

ASSETS.						
	Arrears of		Capital Funded.	Cash.	Total.	
	Previous Years.	Current Year.				
	£	s. d.	£	s. d.	£	s. d.
Cash at Banker's...					2043	10 6
Paid for £13,000 Reduced 3 per Cents .....			12,032	11 4		
Annual Sub- scriptions } ...	198	0 0	150	0 0		
Publications .....	55	12 8	222	5 10		
Ivory Tickets .....	12	12 0	12	12 0		
Garden Sales .....	32	6 10	448	2 6		
	298	11 6	833	0 4	12,032	11 4
					2043	10 6
					15,207	13 8

  

LIABILITIES.				
	Debts.			
	£	s. d.	£	s. d.
Bills, &c., estimated at—				
For the Gardens, say .....	888	0 3		
General Establishment .....	475	6 9		
			1,363	7 0
Rent and Taxes unpaid—				
For the Gardens, say .....	181	14 0		
General Establishment .....	61	16 7		
			243	10 7
Contracts pending .....			4,190	0 0
			5,796	17 7

## Particulars of Payments in 1863.

	Belonging to		Total.
	Previous Year.	Current Year.	
Rent, Rates, Taxes, &c.:-			
Gardens.....	£ s. d.	£ s. d.	£ s. d.
General Establishment.....	205 5 7	553 13 6	958 9 9
Salaries and Pensions:-	61 8 3	162 2 5	
Gardens.....			
General Establishment.....		2,854 12 7	3,894 7 1
Cost of Animals.....	150 18 0	1,039 14 6	
Carriage of Animals and Keepers' Expenses:-		1,083 7 10	1,234 5 10
Freight and Dock Charges.....	32 8 6	50 3 6	223 6 4
Carriage and Keepers' Expenses, £96 8s. 8d.; Gratuities, £44 5s. 8d.		140 14 4	
Cost of Expedition to India.....		209 1 0	209 1 0
Provisions.....	276 6 9	3,443 12 11	3,719 19 8
Menagerie Expenses:-			
Straw, £64 16s.; Coke, £32 8s.; Water Supply, £45 5s. 11d.; Miscellaneous, £25 9s. 3d.	167 19 2		1,791 16 11
Straw, £570 4s. 6d.; Coals and Coke, £158 13s. 6d.; Coals for Engine, £123 4s.; Chairs, £60; Wages, £180 12s. 2d.; Water Supply, £25; Mops, Brooms, and Brushes, £37 9s.; Labels, £65 5s. 1d.; Bird Sand, £15 12s.; Telegraph Company, £20.....		1,256 0 3	
Webbing and Canvas, £32 13s. 7d.; Shoehing, £12 17s. 6d.; Saddlery, £12 11s. 3d.; Sawdust, £15; Dungcart, £27 5s.; Cartwheels, £9 17s.; Barrows, £7 13s.; Sea-water and Carriage, £6 4s. 1d.; Repairing Engine, £12 17s.; Candles, Soap, Oil, £11 17s. 5d.		148 15 10	
Winding Dials and Repairs, £6 17s.; Police, £5 17s.; New Cages and Repairs, £12 1s. 6d.; Iron Troughs, £9 12s.; Baskets, £8 17s.; Chimney-sweeping, £8 12s.; Gas, £3 14s. 6d.; Trolley, £11 5s.; Waterpots and Dungforks, £6 8s.; Miscellaneous, £145 17s. 8d.		219 1 8	
Keepers' Dresses.....		98 2 6	98 2 6
New Buildings and Works connected.....	300 17 0	3,804 10 10	4,105 7 10
Other Works, Materials, &c.:-			
Materials and Repairs.....	26 12 7		1,820 15 10
Materials and Repairs, £1173 9s. 9d.; Wages, £699 16s. 4d.		1,782 17 1	
Hanover Square.—Painting, &c., outside of House.....		20 6 2	
Garden Expenses:-			
Turf and Mats.....	2 15 0		525 19 8
Wages, £412 7s.; Loam and Peat, £33 12s.; Plants, £16 10s. 6d.; Turf, £5 2s.; Pots, £13 2s. 6d.; Seeds, £4 19s. 9d.; Brooms, £4 10s.; Mats, £4 17s. 6d.; Stakes, £3 10s.; Grass Cutter, £12 10s.; Miscellaneous, £12 3s. 5d.		523 4 8	
Band Expenses:-			
Music, £168; Programmes, £15 10s. 9d.		183 10 9	183 10 9
Advertisements.....	2 0 0	154 3 10	156 3 10
House and Office Expenses:-			
Gardens.—Gas Supply.....	7 19 6		124 4 5
Medical Attendance on Keepers, £20; Subscription to North London Hospital, £5 5s.; Soap and Candles, £4 10s. 4d.; Keepers' Washing, £3 6s.; Flannel, Linen, &c., £8 13s. 8d.; Gas, £18 5s.; Kitchen Range, £14 11s. 6d.; Iron Safe, £8 10s.; Paperhanging, £5 10s. 10d.; Miscellaneous, £25 10s. 7d.		116 4 11	
Hanover Square.—Sundry House Repairs, &c., £24 16s. 10d.; Gas Supply, £3 1s. 3d.; Carpet, £4 7s.; Altering Garden Map, £5 5s.; Mops and Brooms, £1 8s. 6d.; Winding Dials, £1 1s.	39 19 7		
Laying on Gas and Supply, £9 14s. 7d.; Tea, Coffee, &c., at Meetings, £14 12s.; Repairing Window-sashes, New Blinds and Spring-rollers and Fixing, Making and Fixing Shelves, and Cleaning Windows, £20 8s. 2d.		44 14 9	
Coals and Wood, £20 9s.; New Table in Council-rooms, £12 7s.; Office Books, £8 16s.; Mops, Brooms, Brushes, &c., £3 13s. 6d.; Newspapers, £3 19s.; Posting Reports and Balloting Papers, £19 10s. 4d.; Map of the World, £1 13s. 6d.		70 8 4	
Sweeping Chimneys, Soap, Candles, and Twine, £5 10s. 10d.; Subscription to Ray Society, £1 1s.; Receipt Stamps, £1 10s. 3d.; Cab and Omnibus Fares, £7 18s. 7d.; Postages and Stamps, £55 18s. 10d.; Miscellaneous, £40 9s. 10d.		112 9 4	
Library Expenses:-			
Water Colour Drawings, £5; New Books, £27 11s. 11d.; Binding, £12 19s. 10d.	75 11 9		287 1 2
Water Colour Drawings, £25; Books, £136 11s. 5d.; Binding, £49 18s.		211 9 5	
Stationery.....	16 15 6	68 6 5	85 1 11
Printing (Miscellaneous).....	20 17 6	171 7 6	192 5 0
Transactions:-			
Paper, £35 6s.; Printing Plates, £23 2s. 6d.; Letterpress, £15 18s. 3d.	74 6 9		218 16 7
Drawings, £67; Printing Plates and Paper, £35 6s.; Colouring, £6 17s. 6d.; Letterpress, £27 9s.; Binding, £7 17s. 4d.		144 9 10	
Proceedings:-			
Drawings, £40; Printing Plates, £36 6s. 3d.; Letterpress, £92 12s. 2d.; Binding, £1 12s. 6d.	164 11 0		1,108 2 1
Drawings, £173 14s. 6d.; Printing Plates, £140 12s.; Letterpress, £123 19s. 2d.; Colouring, £241 8s. 2d.; Demy, £102 10s.; Drawing Slips, £21 14s.		803 17 10	
Index for 1862, £4 10s.; Index, 1848 to 1860, £28 19s. 9d.; Binding, £95 17s. 1d.; New Shelves for Proceedings, £10 6s. 5d.		139 13 3	
Returned Subscriptions.....		15 1 0	15 1 0
	1,626 12 5	19,625 18 9	21,252 11 2
Ordinary Payments.....	1,380 8 2	14,744 7 10	16,024 16 0
Extraordinary Payments.....	346 4 3	4,881 10 11	5,227 15 2
	1,626 12 5	19,625 18 9	21,252 11 2

*Comparison of Receipts in 1862 and 1863.*

<i>Receipts.</i>				
	Income of		Increase.	Decrease.
	1862.	1863.		
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Admission Fees:—				
Past.....	50 0 0	85 0 0	35 0 0	.....
Present.....	350 0 0	620 0 0	270 0 0	.....
Annual Subscriptions:—				
Past.....	145 0 0	159 0 0	14 0 0	.....
Present.....	2,725 15 0	3,021 12 0	295 17 0	.....
Future.....	16 0 0	41 0 0	25 0 0	.....
Compositions.....	900 0 0	1,200 0 0	300 0 0	.....
Ivory Tickets.....	105 2 0	54 2 0	.....	51 0 0
Admissions to Gardens..	20,707 16 0	11,781 0 6	.....	8,926 15 6
Garden Sales.....	916 19 9	1,423 11 6	506 11 9	.....
Rent for Refreshment Room.....	853 6 8	732 13 4	.....	120 13 4
Publications.....	366 10 1	712 11 1	346 1 0	.....
Dividends.....	259 17 6	420 11 3	160 13 9	.....
Miscellaneous.....	0 18 6	33 11 3	32 12 9	.....
	27,397 5 6	20,284 12 11	1,985 16 3	9,098 8 10
Decrease....	.....	7,112 12 7	Ded. Incr.	1,985 16 3
	27,397 5 6	27,397 5 6		7,112 12 7
<p>Total Payments in 1863..... £21,252 11 2</p> <p>Total Receipts in 1863..... 20,284 12 11</p> <hr/> <p>Payments over Receipts ..... 967 18 3</p>				
<i>Dr. Cash</i>				
			£ s. d.	
To Balance brought from December 31, 1862 .....			2,120 0 3	
To Income received in the Year .....			20,284 12 11	
To Proceeds of Sale of £2000 Reduced 3 per Cents .....			1,805 0 0	
			24,209 13 2	

*Comparison of Payments in 1862 and 1863.*

<i>Payments.</i>				
	Expenditure of		Increase.	Decrease.
	1862.	1863.		
	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>
Arrears of previous year ....	1,737 6 7	1,626 12 5	.....	110 14 2
Rent, Rates, Taxes, &c. ....	698 14 9	715 15 11	17 1 2	.....
Salaries, Wages, and Pensions	3,998 18 5	3,894 7 1	.....	104 11 4
Cost of Animals .....	1,873 4 1	1,083 7 10	.....	789 16 3
Carriage of ditto and Keepers' Expenses .....	307 17 5	190 17 10	.....	116 19 7
Provisions .....	3,182 14 9	3,443 12 11	260 18 2	.....
Menagerie Expenses .....	1,643 10 11	1,623 17 9	.....	19 13 2
Keepers' Dresses .....	106 6 6	98 2 6	.....	8 4 0
New Buildings and Works connected .....	1,568 5 11	3,804 10 10	2,236 4 11	.....
Other Works, Repairs, Materials, and Wages ....	1,029 8 11	1,803 3 3	773 14 4	.....
Garden Expenses .....	473 19 1	523 4 8	49 5 7	.....
Band Expenses .....	255 17 0	183 10 9	.....	72 6 3
Advertisements .....	197 1 9	154 3 10	.....	42 17 11
House and Office Expenses..	255 14 1	343 17 4	88 3 3	.....
Library Expenses .....	184 13 4	211 9 5	26 16 1	.....
Stationery and Account Books	35 0 10	68 6 5	33 5 7	.....
Printing (Miscellaneous). [ing	106 4 2	171 7 6	65 3 4	.....
Proceedings, including Print-	808 3 0	943 11 1	135 8 1	.....
Transactions, ditto ditto	227 17 7	144 9 10	.....	83 7 9
Law Expenses .....	5 16 2	.....	.....	5 16 2
Returned Subscriptions ....	13 1 0	15 1 0	2 0 0	.....
Cost of Medal .....	3 14 0	.....	.....	3 14 0
Cost of Expedition to India..	.....	209 1 0	209 1 0	.....
Increase.....	18,713 10 3	21,252 11 2	3,897 1 6	1,358 0 7
	2,539 0 11	.....	1,358 0 7	Ded. Decr.
	21,252 11 2	21,252 11 2	2,539 0 11	.....
Ordinary Expenditure .....	14,699 8 7	16,024 16 0	1,325 7 5	.....
Extraordinary ditto .....	4,014 1 8	5,227 15 2	1,213 13 6	.....
	18,713 10 3	21,252 11 2	2,539 0 11	.....
<i>Contra</i>			<i>Cr.</i>	
			<i>£ s. d.</i>	
By Expenditure paid in the year (including arrears of 1862).....			21,252 11 2	
By Cost of £1000 Reduced 3 per Cents .....			912 10 0	
By Cost of Power of Attorney for Sale of £2000 Reduced 3 per Cents....			1 1 6	
By Balance at Banker's, December 31, 1863 .....			2,043 10 6	
			24,209 13 2	

## Expenditure incurred in 1863.

	Paid in the	Unpaid,	Total.
	Year.	Dec. 31.	
	£ s. d.	£ s. d.	£ s. d.
Rent, Rates, and Taxes .....	715 15 11	243 17 2	959 13 1
Salaries, Wages, and Pensions .....	3,894 7 1	.....	3,894 7 1
Cost of Animals.....	1,083 7 10	78 17 0	1,162 4 10
Carriage of Animals and Keepers' Expenses ..	190 17 10	6 1 4	196 19 2
Cost of Expedition to India .....	209 1 0	10 19 0	220 0 0
Provisions .....	3,443 12 11	287 19 0	3,731 11 11
Menagerie Expenses.....	1,623 17 9	331 18 4	1,955 16 1
Keepers' Dresses .....	98 2 6	.....	98 2 6
Garden Expenses .....	523 4 8	5 15 6	529 0 2
New Buildings and Works connected .....	3,804 10 10	4,190 0 0	7,994 10 10
Other Works, Materials, and Wages .....	1,803 3 3	126 10 3	1,929 13 6
Advertisements .....	154 3 10	4 3 0	158 6 10
Band Expenses .....	183 10 9	.....	183 10 9
House and Office Expenses.....	343 17 4	41 1 10	384 19 2
Stationery .....	68 6 5	6 11 3	74 17 8
Printing (Miscellaneous).....	171 7 6	56 6 0	227 13 6
Library Expenses .....	211 9 5	48 2 0	259 11 5
Transactions .....	144 9 10	17 14 1	162 3 11
Proceedings .....	943 11 1	322 16 10	1,265 7 11
Returned Subscriptions .....	15 1 0	.....	15 1 0
Law Expenses .....	.....	18 5 0	18 5 0
	19,625 18 9	5,796 17 7	25,422 16 4
Ordinary Expenditure .....	14,744 7 10	1,394 13 2	16,139 1 0
*Extraordinary Expenditure .....	4,881 10 11	4,402 4 5	9,283 15 4
	19,625 18 9	5,796 17 7	25,422 16 4

## \* Particulars of Extraordinary Expenditure incurred in 1863.

## 1. New Buildings and Works.

Lodges, Aviary, and Monkey House, and Works connected therewith .....	7,000 0 0
Warming New Aviary.....	47 0 0
Warming New Monkey House .....	190 0 0
Making New Path and Water Closets at back of the Aviary, and Sundry Work..	35 14 0
Cattle Sheds and Hay Sheds adjoining .....	711 11 8
Reconstructing Elephant Pond .....	204 1 8
Additions to Small Mammal House .....	17 11 0
Completion of Fence at New Antelope House.....	17 18 0
New Seats at Hippopotamus Platform .....	17 10 0
New Gates near Bison House .....	28 3 6
Slating Reptile House .....	10 10 0
New Wrought-Iron Hurdles for fencing .....	30 1 0
Completion of Kangaroo Sheds .....	28 1 2
New Tank in the Fish House .....	6 5 5
Gravel, &c. and Wages for restoring Paths .....	246 10 2
Salary to Clerk of the Works .....	119 14 0

## 2. Menagerie.

Cost of Expedition to India .....	220 0 0
Provisions for Red Deer sent to Sir George Grey .....	17 7 6

## 3. Office.

Painting outside of No. 11 Hanover Square.....	15 5 0
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## 4. Publications.

New Catalogue of Animals .....	50 0 0
New Index to Proceedings, 1848 to 1860 .....	151 14 3
List of Vertebrated Animals .....	36 2 0
Balance of extra part of Transactions.....	62 15 0
New Catalogue of the Library .....	20 0 0

£9,283 15 4

The Auditors congratulate the Society on the continued improvement of its position and prospects. The Receipts from December 1862 to December 1863 have exceeded those during every other twelvemonth of the Society's existence, except the years of the General Exhibitions, 1851 and 1862, while an increase under all but *three* heads of revenue appears, even when compared with those two most favoured periods.

The Annual Subscriptions exceed in amount those received in any one of the last seventeen years; more Compositions have been made than in any one of the last thirty-four years, and the Garden Sales surpass those of any year of the last ten, while the Admission Fees are larger than they have been in any one year during the last quarter of a century. The number of Fellows is at present considerably greater than it has been during the last fifteen years, no less than 164 persons (far surpassing the number that have joined the Society any year during the last twenty-five years) having been elected Members of the Society in 1863.

In conclusion, your Auditors assure the Society of their entire concurrence in the opinion of their predecessors, as to the admirably clear and accurate manner in which the accounts have been arranged and laid before them by the Accountant Mr. Leigh, whose conduct cannot be too highly praised, and whose knowledge and management of the subject appears perfect.

EDW. GREENAWAY.  
EDWARD JOHNSTONE.  
WILLIAM MARTYN.  
BENJAMIN LEADBEATER.  
G. C. TAYLOR.  
JAMES TENNANT.  
R. HENRY S. VYVYAN.

11 *Hanover Square*,  
*February 23, 1864.*