

REPORT
OF THE
COUNCIL
OF THE
ZOOLOGICAL SOCIETY
OF LONDON,

READ AT THE ANNUAL GENERAL MEETING,

APRIL 29TH, 1876.

LONDON:
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1876.

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REPORT OF THE COUNCIL.

April 29, 1876.

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

This, in conformity with former Reports, they have 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.

I. 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 1875 amounted to 3241. Of these there were:—

Compounders who have paid £20	99
Ditto ditto £30	775
Compositions remitted	17
Paying annual contributions of £2	83
Ditto ditto £3	2140
Dormant	92
Admission-fees unpaid	27
Annual Subscribers, paying £3	8
	<hr/>
	3241

The corresponding number of Members of the Society at the close of 1874 was 3197, showing an addition to our list of 44 members during the year 1875.

The progress of the Society during the past Ten years,

as regards the number of its Fellows and Annual Subscribers, is given in the subjoined Table.

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.	Fees re-mitted	£2.	£3.		£2.	£3.				£2.	£3.
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
1869.	197	7	7	...	17	37	3	30	1	2	25	26	155	2966
1870.	160	9	7	...	6	32	...	51	...	...	...	...	105	3021
1871.	163	4	8	...	10	38	1	48	...	2	26	...	137	3047
1872.	185	5	7	2	11	38	2	40	1	...	62	14	182	3050
1873.	216	5	7	...	6	38	...	34	...	...	2	1	93	3173
1874.	221	7	6	1	8	60	...	33	...	...	74	8	197	3197
1875.	180	8	16	...	8	57	...	36	...	...	...	11	136	3241

b. Foreign, Honorary, and Corresponding Members.

But one Foreign Member of the Society has been elected during the year 1875, namely

The Marquis Giacomo Doria, Director of the Museo Civico di Storia Naturale, Genoa, to fill the vacancy caused by the death of Prof. Sundevall, Director of the Royal Museum, Stockholm.

The following gentlemen were elected Honorary Members in 1875:—

Col. S. R. Tickell, of H.M. Indian army, in acknowledgment of his valuable present to the Society's Library of his finely illustrated MS. works on the Ornithology and Zoology of India, and of his services to Zoology.

The Hon. Ashley Eden, C.S.I., Member of the Supreme Council of India, in acknowledgment of much assistance rendered to the Society while Commissioner of Burmah.

His Highness Sayyid Burghash bin Said, Sultan of Zanzibar, in acknowledgment of his donations to the Society's Menagerie.

The following Corresponding Members were elected during the year:—

- The Rev. George Brown, of the Wesleyan Mission, Samoa, Pacific.
- Capt. Henry Wemyss Feilden, late 42nd Highlanders, Naturalist to the Arctic Expedition.
- Dr. Raphael Gestro, Vice-Director of the Museo Civico, Genoa, Italy.
- Dr. Hermann Landois, Professor of Zoology, Academy of Münster, Westphalia.
- Mr. R. J. Lechmere Guppy, F.L.S., F.G.S., Superintendent of Education, Trinidad.
- Mr. William Delisle Powles, of Honda, United States of Columbia, U.S.A.
- Dr. Marfels, Conservator of Forests to the King of Burmah, Mandalay, Burmah.

2. STATE OF THE FINANCES.

a. *Income.*

The Income of the Society for the year 1874 was so large and beyond all former precedent, that the Council could hardly have expected to be able to give a more favourable statement for the year 1875. This, however, they have now the pleasure of doing. The total receipts from last year have again exceeded those of the preceding year, though the amount of excess is not very considerable. The income of 1875 amounted on the whole to £28,738 11s. 4d., which was more than that of the previous year by the sum of £321 6s. 5d., and is the largest annual income ever yet received since the Society's foundation. Of this excess of income, it will be remarked that £246 9s. 11d. is accountable for by the compensation received from the Grand Junction Canal Company for the damages caused by the explosion on the Regent's Canal on the 3rd October, 1874. The circumstances of this explosion were explained in the Council's last Annual Report, and the estimated amount of the damages caused to the Society was stated. The Council are pleased to be able to inform the Fellows that the whole of this amount has been refunded to the Society by the Canal Company. But, even when this extraordinary item of receipts is deducted, the income of 1875, in spite of many unfavourable circumstances, still shows an increase over that of 1874 by the sum of £74 11s. 6d.

The Garden receipts in 1875 amounted to £16,826 15s. 6d., being £66 19s. 6d. more than those of the previous year, and have never been exceeded except in 1873. The great and apparently permanent increase that has taken place in the amount thus received from the public during the past ten years is shown in the following Table:—

Amounts received for Admission to the Gardens, 1866–75.

£		£	
1866	12,428	1871	13,813
1867	12,840	1872	15,240
1868	12,651	1873	17,055
1869	12,865	1874	16,759
1870	13,204	1875	16,826

The subjoined Table shows the amount received under each of the various heads of income in 1875, together with the corresponding amount of the previous year:—

	Income of		Increase.	Decrease.
	1874.	1875.		
Admission Fees:—	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Past	125 0 0	110 0 0	.....	15 0 0
Present	920 0 0	725 0 0	.....	195 0 0
Annual Subscriptions:—				
Past	135 0 0	54 0 0	.....	81 0 0
Present	6,203 0 0	6,317 1 0	114 1 0	.....
Future	93 0 0	120 0 0	27 0 0	.....
Compositions	1,350 0 0	960 0 0	.....	390 0 0
Ivory Tickets	59 17 0	80 18 0	21 1 0	.....
Admissions to Gardens	16,759 16 0	16,826 15 6	66 19 6	.....
Garden Sales	633 6 9	566 6 11	.....	66 19 10
Rent for Refreshment-rooms ...	898 3 4	1,313 15 0	415 11 8	.....
Publications	900 1 8	995 14 6	95 12 10	.....
Dividends and Interest	338 15 2	397 11 10	58 16 8	.....
Miscellaneous	1 5 0	24 18 8	23 13 8	.....
Compensation paid by Grand Junction Canal Company for damages caused by Explosion		246 9 11	246 9 11	.....
	28,417 4 11	28,738 11 4	1,069 6 3	747 19 10
Increase.....	321 6 5	.....	747 19 10	Ded. Decr.
	28,738 11 4	28,738 11 4	321 6 5	.....

To the Income received during the year must be added the balance brought forward from 1874, amounting to £1476 10s. 2d. A sum of £2000 was likewise received by the retransfer of that amount from the deposit account opened in 1874, and a second sum of £2000 was borrowed from the Society's Bankers on the 16th December, 1875, in order to meet the bills and other expenses then due. This gave a total sum of £34,215 1s. 6d. available for the expenditure of the year 1875.

b. *Expenditure.*

This amount was disposed of in the following manner:—
The sum of £31,667 15s. was required for the ordinary and extraordinary expenses of the year, and the sum of £772 4s. 5d. was carried to the Reserve Fund and invested in the purchase of 3 per Cent. securities in the manner hereinafter explained. This left at the bankers', on the 31st December last, a sum of £1775 2s. 1d., which was carried over for the benefit of the present year.

The subjoined Table gives the various items of expenditure of 1875, and a comparison of each of them with the corresponding amount paid in 1874:—

	Expenditure of						Increase.	Decrease.				
	1874.			1875.								
	£	s.	d.	£	s.	d.	£	s.	d.			
Arrears of previous years.....	1799	1	0	2105	2	10	306	1	10			
Rent, Rates, Taxes, &c.....	806	14	10	846	18	11	40	4	1			
Salaries, Wages, and Pensions	4907	1	7	5109	7	4	202	5	9			
Cost and Carriage of Animals...	2994	4	4	1668	4	11	1325	19	5		
Provisions	4764	4	8	5135	2	4	370	17	8			
Menagerie Expenses.....	2254	13	11	2322	0	7	67	6	8			
Keepers' Dresses	126	8	6	137	3	0	10	14	6			
Works, Materials, and Repairs	2654	1	6	2593	4	1	60	17	5		
New Buildings	629	10	10	6966	1	3	6336	10	5			
Garden Expenses	821	2	8	797	3	11	23	18	9		
Band Expenses	165	14	6	213	9	6	47	15	0			
Advertisements ..	205	8	3	238	13	3	33	5	0			
House and Office Expenses	567	11	0	578	8	1	10	17	1			
Stationery	59	1	4	59	17	7	0	16	3			
Printing (Miscellaneous)	355	10	9	344	1	3	11	9	6		
Proceedings	1326	3	3	1549	18	1	223	14	10			
Transactions	627	15	8	495	2	1	132	13	7		
Library Expenses	264	2	6	335	17	0	71	14	6			
Returned Subscriptions	40	1	0	34	3	0	5	18	0		
New Menagerie Catalogue ...	3	0	0	2	14	2	0	5	10		
Expenditure of Davis Bequest	59	4	4	59	6	10	0	2	6			
Lecture-Room Expenses	40	15	2	40	15	2		
Cost of Medal	6	1	0	0	15	0	5	6	0		
Grant in aid of Science	100	0	0	50	0	0	50	0	0		
Law Expenses	25	0	0	25	0	0		
	25,577	12	7	31,667	15	0	7747	6	1	1657	3	8
Increase	6,090	2	5	1657	3	8	(Ded. Decr.)
	31,667	15	0	31,667	15	0	6090	2	5
Ordinary Expenditure.....	22,688	15	0	24,188	5	9	1499	10	9
Extraordinary ditto	2,888	17	7	7,479	9	3	4590	11	8
	25,577	12	7	31,667	15	0	6090	2	5

The ordinary expenditure of 1875 exceeded that of 1874 by the sum of £1499 10s. 9d. This increase is attributable partly to the excessive cost of provisions for the Menagerie, under which head £370 17s. 8d. more was expended in 1875 than in the preceding year. The high price of hay, which is a very large article of consumption in the Gardens (upwards of 250 loads being required for the annual supply), was one of the chief causes of this excess. The arrears of the previous year were also higher by the sum of £306 1s. 10d.; and the expenditure on the scientific publications was rather greater than usual.

The extraordinary expenditure of 1875, which amounted altogether to £7479 9s. 3d., was mainly caused by the new Lion-house, to which a sum of £6966 1s. 3d. was devoted. Other smaller special works in the Gardens required a further expenditure of £463 8s. in 1875. As regards these new works and buildings full explanations will be given in a subsequent part of the Report.

The sum of £50 was granted by the Council in 1875 to the Zoological Record Association in aid of their publication of the 'Record of Zoological Literature' of 1874, in view of the great advantages to zoological science which are likely to result from the regular continuance of this important work.

c. Reserve Fund.

In accordance with the resolution passed by the Council on March 5, 1873, as notified in the last Report, the Reserve Fund of the Society has been augmented in 1875 by the reinvestment of the Dividends accruing from it, amounting to the sum of £272 4s. 5d., and also by the investment of the additional sum of £500 on the 1st of July last. These operations, and the like reinvestment of the April dividend this year, have raised the present amount of the Reserve Fund to the sum of £9793 13s. 11d. Reduced 3 per Cents.

d. Assets and Liabilities.

The Assets of the Society on the 31st of December 1875, and the corresponding amounts on the 31st of December 1874, stand as follows:—

	December 31.					
	1874.			1875.		
	£	s.	d.	£	s.	d.
Cash at the Bankers'	1476	10	2	1775	2	1
Temporary Reserve-fund.....	2000	0	0	.....	
Paid for £8812 16 9 Reduced 3 per Cents.	8263	9	1	.....	
„ £9639 14 5 ditto ditto .....	.....			9035	13	6
Arrears due for Annual Subscriptions	186	0	0	257	0	0
„ „ Ivory Tickets	5	5	0	4	4	0
„ „ Publications	257	11	6	249	0	0
„ „ Garden Sales	990	8	10	630	0	4
„ „ Rent for Refreshment-rooms	262	15	0	.....	
	13,441	19	7	11,950	19	11
Decrease .....	.....			1490	19	8
	13,441	19	7	13,441	19	7

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

	December 31.					
	1874.			1875.		
	£	s.	d.	Estimated at	£	s.	d.
Rent and Taxes	271	11	7	294	11	3
Bills	1833	11	3	2009	5	8
Balance of Lions' House .....	.....			1500	0	0
Dwarf walls for playing-dens for ditto .....	.....			400	0	0
Temporary Loan from Bankers .....	.....			2000	0	0
	2105	2	10	6203	16	11
Increase.....	4098	14	1	.....	
	6203	16	11	6203	16	11

II. OFFICE, 11 HANOVER SQUARE.

1. SCIENTIFIC MEETINGS.

To the meetings for the despatch of scientific business, held in the Society's Rooms in Hanover Square in 1875, 152 communications were made. Of these 99 were from Fellows, 4 from Foreign Members, and 36 from Corresponding Members of the Society. The remaining 13 papers were from individuals not belonging to

the Society, and were communicated to it by the Secretary or by other Members. The corresponding number of communications in the year 1874 was 142.

These communications were submitted to the Committee of Publication, by whom the following orders were made respecting them. Six were ordered to be printed entire in the 'Transactions' of the Society, and 110 in the 'Proceedings,' such illustrations being in each case allowed as the Committee considered necessary for the purpose. Of the remaining communications, abstracts or extracts were considered to be sufficient for publication.

2. SCIENTIFIC PUBLICATIONS.

In order to obtain the more speedy and exact publication of these papers, the Committee of Publication determined in 1873 that, commencing with the year 1874, the 'Proceedings' should be issued in four parts instead of three and at exact dates as follows:—

Part I. containing papers read in January and February, on June 1st.

Part II. containing papers read in March and April, on August 1st.

Part III. containing papers read in May and June, on October 1st.

Part IV. containing papers read in November and December, on April 1st of the following year.

The three first parts of 'Proceedings' for 1875 were duly issued in accordance with these regulations at the dates respectively named. The fourth part, containing also the Index and Titlepage for the volume, was likewise ready on the 1st of the present month, and has been delivered to the subscribers.

The volume of the Society's 'Proceedings' for 1875, which is now on the table, contains 726 pages, illustrated by 72 (mostly coloured) plates.

The following Parts of the Society's 'Transactions' were issued during the year 1875:—

VOL. IX. PART II. (April, 1875).

A List of the Birds known to inhabit the Philippine Archipelago. By Arthur, Viscount Walden. (With 12 coloured plates.)

VOL. IX. PART III. (May, 1875).

On *Dinornis* (Part XX.), containing a restoration of the skeleton of *Cnemiornis calcitrans*, Ow., with remarks on its affinities in the Lamellirostral group. By Professor Owen, C.B., F.R.S. (With five plates.)

VOL. IX. PART IV. (July, 1875).

On the Curassows now or lately living in the Society's Gardens. By P. L. Sclater, M.A., Ph.D., F.R.S., Secretary to the Society. (With fourteen coloured plates.)

VOL. IX. PART V. (December, 1875).

On *Ægithognathous* Birds (Part I.). By W. K. Parker, F.R.S. (With nine coloured plates.)

Besides these publications, a 'Supplement' to the 'Revised List of the Vertebrated Animals now or lately living in the Gardens of the Zoological Society of London,' published in 1872, has been prepared by the Secretary and has been issued to all the Subscribers to the Society's publications. This 'Supplement' contains the names of the living animals received by the Society during the past three years which belong to species not included in the 'Revised List' published in 1872. It also gives the date of arrival and the mode of acquisition of each individual of such species. The additional specimens of species already inserted in the former list are not catalogued.

A second edition of the 'Revised List' is in preparation.

Since the commencement of the present year three more parts of 'Transactions' have been issued, and two other parts are now in a very forward state. This will reduce considerably the arrears in this important publication, which have recently become rather serious in consequence of the unusual number of memoirs communicated to the Society that require illustration in a quarto form.

In connexion with this branch of the Society's operations the subjoined Table will be of interest. It gives the total income received from the publications during the past twelve years, and the total expenditure thereon, as also the number of Subscribers to the publication-fund in each year.

Receipts and Expenditure of Publications from 1864-1875.

Year.	Income.	Expendi- ture.	Excess of Expendi- ture over Income.	Number of Sub- scribers.
	£	£	£	£
1864.	578	1465	887	284
1865.	534	1698	1164	312
1866.	646	2021	1375	324
1867.	784	1871	1087	338
1868.	697	2408	1711	384
1869.	805	1448	643	395
1870.	774	2082	1308	404
1871.	750	2245	1495	406
1872.	856	2515	1659	428
1873.	764	2365	1601	441
1874.	900	2198	1298	449
1875.	995	2476	1481	459

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

The Publications of the year consist of four parts of 'Proceedings' (in 8vo, illustrated by upwards of 45 Plates, mostly coloured) and one or more parts of 'Transactions' (in 4to, with from 5 to 15 Plates). The ordinary prices at which these volumes are sold to the public amounts to five or six Pounds in each year.

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

3. LIBRARY.

The Library, under the superintendence of Mr. F. H. Waterhouse, the Society's Librarian, has been kept in good working order during the past year.

The sum of £207 11s. 9d. was devoted to the purchase of new zoological works.

The following is a list of the periodicals received in 1875 from the various Societies and Institutions with whom this Society is in correspondence.

ENGLAND.

The Royal Society, London.

Proceedings, vol. xxiii. nos. 158-163; vol. xxiv. no. 164.
Philosophical Transactions, vol. clxiv. parts 1, 2; vol. clxv. part 1.

The Linnean Society, London.

Journal (Botany), vol. xiv. nos. 78, 79, 80; vol. xv. no. 81.
— (Zoology), vol. xii. no. 59.
Transactions, vol. xxix. part 3; vol. xxx. parts 2, 3.
—, 2nd ser. (Botany) vol. i. part 1.
—, 2nd ser. (Zoology) vol. i. part 1.
Proceedings, Session 1874-75.
Additions to the Library from June 20, 1874, to June 19, 1875.
Obituary Notices, 1874-75.
List of Fellows, 1875.

The Royal Geographical Society, London.

Proceedings, vol. xix. nos. 1-7; vol. xx. no. 1.
Journal, vol. xlv.

The Geological Society, London.

Journal, vol. xxx. part 5; vol. xxxi. parts 1-4.
List of Fellows of the Society.

The Royal Institution of Great Britain.

Proceedings, vol. vii. parts 5-7.
List of Fellows.
Additions to the Library, from July 1874 to July 1875.

The Royal United-Service Institution.

Journal, Appendix to vol. xviii., and vol. xix. nos. 80-82.

The British Association.

Report for 1874.

Royal Asiatic Society of Great Britain and Ireland.

Journal, New Series, vol. vii. part 2; vol. viii. part 1.
Fifty-second Annual Report, 1875.

The Society of Arts.

Journal, 1875.

- The Royal Agricultural Society of Great Britain.
Journal, vol. xi. parts 1, 2.
Index to the 2nd series of the Journal.
- The Entomological Society of London.
Transactions, 1874, parts 2-5.
- The Quekett Microscopical Club.
Journal, nos. 28, 29.
- The Science and Art Department, South Kensington.
Inventory of the Food Collection.
- The Royal Society of Literature.
Transactions, ser. 2, vol. xi. part 1.
- The Norfolk and Norwich Naturalists' Society.
Transactions, vol. ii. part 1.
- The Natural-History Society of Northumberland and Durham.
Transactions, vol. v. part 2 ; vol. vi.
- The Plymouth Institution and Devon and Cornwall Natural-History Society.
Annual Report and Transactions, vol. v. part 2.
- The Royal Institution of Cornwall.
Journal, nos. xvi., xvii.
- The Literary and Philosophical Society, Liverpool.
Proceedings, nos. xxviii., xxix.
- The Watford Natural-History Society and Hertfordshire Field Club.
Transactions, vol. i. parts 1 and 2.
- The Museum, Library, and Park Committee, Salford.
Report, 1873-74.
- The Bristol Naturalists' Society.
Proceedings, N.S. vol. i. part 2.

IRELAND.

The Royal Irish Academy.

Transactions, vol. xxv. parts 5-19.
 Proceedings, ser. 2, vol. i. nos. 9 and 10; vol. ii. nos. 1-3.

The Belfast Natural-History and Philosophical Society.

Proceedings, Session 1874-75.

The Royal Geological Society of Ireland.

Journal, N.S. vol. iv. parts 1, 2.

JAPAN.

The German Society for the Natural History and Ethnology
of Eastern Asia, Yokohama.

Mittheilungen, Heft 6 (1874).

EAST INDIES.

The Asiatic Society of Bengal.

Proceedings, 1874, nos. 8-10; 1875, nos. 1-8.
 Journal, vol. xliii. nos. 190-194; vol. xliv. nos. 195-197.

The Royal Asiatic Society—Bombay Branch.

Journal, vol. x. nos. 29, 30; vol. xi. no. 31.

The Society of Arts and Sciences, Batavia.

Notulen, deel xii. afl. 1-4; deel xiii. afl. 1, 2.
 Tijdschrift, deel xxi. afl. 3-6; deel xxii. afl. 1-6; deel xxiii.
 afl. 1.
 Verhandelingen, deel xxxvii. and xxxviii.

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

Natuurkundig Tijdschrift, deel xxxiii. (1874).

AUSTRALASIA.

The Royal Society of Victoria.

Transactions and Proceedings, vol. xi. (1875).

The Zoological and Acclimatization Society of Victoria.

Proceedings, vols. iii. and iv. (1874-75).

The Royal Society of Tasmania.

Monthly Notices, 1873.

The New-Zealand Institute, Wellington.

Transactions, vol. vii.

NORTH AMERICA.

The Academy of Natural Sciences, Philadelphia.

Proceedings, 1875, pp. 1-456.

The Smithsonian Institution, Washington.

Miscellaneous Collections, vol. xi. and xii.

Annual Report, 1873.

Contributions to Knowledge, vol. xix.

The American Philosophical Society, Philadelphia.

Proceedings, vol. xiv. nos. 93, 94.

Transactions, new series, vol. xv. part 2.

The Minnesota Academy of Natural Sciences.

Bulletin, 1874.

The Franklin Institute, Washington.

Journal, 1875.

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

Illustrated Catalogue, no. viii. part 2.

Annual Report, 1874.

The Buffalo Society of Natural Sciences.

Bulletin, vol. ii. no. 2-4.

The American Entomological Society, Philadelphia.

Transactions, vol. v. pp. 1-176.

The Academy of Sciences of St. Louis.

Transactions, vol. iii. no. 2.

The Wisconsin Academy of Sciences, Arts and Letters,
Madison.

Transactions, vol. ii. (1873-74).

Additions to the Library from July 1873 to July 1874.

The Nova-Scotia Institute of Natural Science, Halifax.

Proceedings and Transactions, vol. iii. part 4.

FRANCE.

The Zoological Society of Acclimatation, Paris.
Bulletin, January to December 1875.

The Jardin des Plantes, Paris.
Nouvelles Archives, tome x.

The Imperial Academy of Metz.
Mémoires, 1873-74.
Tables Générales, 1819-71.

The Society of Natural History, Toulouse.
Bulletin, Neuvième année, 1874-75, fasc. 1-3.

RUSSIA.

The Imperial Society of Naturalists of Moscow.
Bulletin, 1874, nos. 2-4; 1875, no. 1.

The Royal Academy of Sciences of St. Petersburg.
Bulletin, tome xix. nos. 4, 5; tome xx. nos. 1, 2.
Mémoires, tome xxi. nos. 6-12; tome xxii. nos. 1-3.
Mélanges Biologiques, tome ix. livr. 4.

The Imperial University of Kazan.
Bulletin, 1874, nos. 3-6.

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Donations of Works, Memoirs, and Papers have also been received from:—The Lords and Commissioners of the Admiralty; Professor A. Agassiz; Señor Laureano Perez Arcas; Professor J. V. Barboza du Bocage; The Trustees of the British Museum; Walter L. Buller, Esq.; Dr. H. Burmeister; Alfred Craven, Esq.; Monsieur H. Crosse; Professor J. D. Dana; W. H. Dall, Esq.; Sir J. Fayrer; R. J. Lechmere Guppy, Esq.; Major H. H. Godwin-Austin; Dr. F. V. Hayden; Allan O. Hume, Esq.; Monsieur H. Lambotte; Isaac Lea, Esq.; G. Nevill, Esq.; Professor Owen; Monsieur Xavier Raspail; Edwyn C. Reed, Esq.; Professor J. Reinhardt; Dr. A. M. Ross; George Dawson Rowley, Esq.; P. L. Sclater, Esq.; Dr. H. Troschel; Mr. F. Westerman; and Lieut. George M. Wheeler.

III. GARDENS, REGENT'S PARK.

1. BUILDINGS AND WORKS.

The expenditure on the staff of workmen, together with the labour and materials required for ordinary repairs in the Society's Gardens in 1875 amounted to £2160 4s. 9d. Under this head are included all the items necessary for the maintenance of this branch of the Society's establishment in a perfect state of efficiency. Besides this, as already mentioned, a sum of £7429 9s. 3d. was expended on the following special Works and Buildings:—

	£	s.	d.	£	s.	d.
ARREARS OF 1874.						
New Falcon's Aviary (balance)	25	0	0			
Repairing damages of Explosion (balance)	5	8	8			
	<hr/>			30	8	8
WORKS OF 1875.						
New Lion-house and works connected therewith	6966	1	3			
New Framing-ground and Potting-sheds...	232	16	7			
New Tortoise-house	105	14	3			
New Water-main.....	94	8	6			
	<hr/>			7399	0	7
				<hr/>		
				£7429	9	3
				<hr/>		

It will be observed that the greater part of this sum has been devoted to the new Lion-house, which, as mentioned in previous Reports, the Council have had long in prospect, and of which the main portion has now been completed and opened to the Public.

The plans for this important building having been prepared by Mr. Anthony Salvin, the Society's Architect, after consultation with the Secretary and Superintendent, and approved of by a special Committee of the Council appointed for the purpose, the construction of the main fabric of the building was entrusted to Messrs. J. Simpson & Son on the 13th of February last, under a contract to deliver the building complete on the 1st of November for the sum of £7280. This contract was efficiently carried out, and the building (with a few trifling deficiencies) duly completed at the time mentioned, although it was not thought advisable to move the animals into it until the commencement of the present year. A separate contract was made with Messrs. Weeks & Co. for the warming-apparatus (which was necessarily of a rather extended kind) for the sum of £321 6s., and was likewise carried out in a very satisfactory manner. The clay dug out from the foundations of the new building and from the adjoining walks and paths was removed to a vacant space near the Reservoir and burnt into ballast, at a total cost of £446 1s. 10d. This amount may seem large; but when it is mentioned that by this means a quantity of ballast estimated at 4150 cubic yards was obtained, of which the ordinary price delivered in the Gardens would not be less than from 4s. 6d. to 5s. 6d. per yard, and that the large expenditure involved in carting the surplus clay out of London was altogether saved, it will be manifest that it was really a very economical proceeding.

The sum of £525 0s. 9d. was expended in 1875 in commencing the rearrangement of the paths and walks round the new building. These have been rapidly proceeded with since the commencement of the present year; but so much alteration in the levels and other necessary labour is involved in them, that it will be still some time before they can be regarded as complete. The four large outdoor iron cages at the back of the building have also still to be erected; and a contract has been made with Mr. Hickson, of Cleveland Street, W., for their completion by the 1st of August next for the sum of £1350. When these have been finished and the rearrangement of the adjoining grounds completed, it is estimated that the total expenditure on the new Lion-house and its surroundings will not have been less than £11,500.

The new Lion-house, when thus complete, will, it is believed, form by far the largest and most perfect building for the accommodation of the larger Carnivora ever erected. The total length of the main building is 228 feet, exclusive of the porticoes; the width, up to the front of the dens, 35 feet. The dens are fourteen in number, and will accommodate, if necessary, as many pairs of animals, each animal having a separate inside den. The larger dens measure 20 feet by 12. The smaller are about 12 feet square. The height of the building at the central elevation is 30 feet. At the back of the dens is a wide passage extending the whole length of the building. From this passage doors open into every inner den, and in this are fixed the chains and pulleys for opening the sliding doors between the dens, so that the whole of the work connected with cleaning and management of the animals is effected from behind. In the centre, at the back of the passage, are two day-rooms and four sleeping-rooms for the keepers, two of whom will always sleep on the premises. The four outdoor playing-cages behind, which are still to be erected, measure 44 feet by 29. The animals will be transferred into them through a kind of movable tunnel running on wheels along the keeper's passage.

The present occupants of the Lion-house consist of 6 Lions, 7 Tigers, 2 Jaguars, 2 Leopards, 3 Pumas, and a Clouded Tiger, altogether 21 in number. The only desideratum among the larger Felidæ is the Ounce (*Felis uncia*) of the mountains of Central Asia, of which as yet no living specimen, it is believed, has ever been brought to this country.

The construction of the new framing-ground and potting-sheds, which cost altogether £232 16s. 7d., was rendered necessary by the removal of the previous buildings to make room for the new Lion-house. They have been replaced in a much more efficient way, and in a more convenient position, in the neighbourhood of the rest of the gardener's establishment.

In order to furnish winter-quarters for a pair of the Giant Tortoises of the Aldabra Islands acquired last summer, the glass front which formerly covered a portion of the old Lions' dens was removed into the North Gardens, and re-erected there, at a total cost of £105 14s. 3d. With the addition of a back wall and a small heating-apparatus, a very efficient building has thus been formed for the object in contemplation.

The sum of £94 8s. 6d. was likewise expended in 1875 in carrying the water-main over the bridge into the new North Gardens.

These three items, together with the sum spent on the new Lion-house, as already mentioned, make up a total of £7429 9s. 3d., which was devoted to new buildings and works in the Society's Gardens during the year 1875.

2. STAFF.

The recent increase of the buildings in the Gardens has necessitated a slight increase in the regular staff of the Society, which is now constituted as follows:—

- 1 Superintendent.
- 1 Assistant Superintendent.
- 1 Head Keeper.
- 1 Keeper (1st class).
- 11 Keepers (2nd class).
- 9 Keepers (3rd class).
- 1 Storekeeper.
- 1 Head Gardener.
- 3 Money-takers.
- 1 Clerk at Superintendent's office.
- 1 Watchman.
- 1 Cook.

—
32

These 32 servants are paid by monthly salaries.

There are also 16 Helpers, 12 Under-Gardeners, 5 Artisans, and 8 Labourers, employed at weekly wages, the last

two categories varying in number from time to time according to the quantity of work required to be performed.

3. VISITORS.

The total number of visitors to the Society's Gardens during the year 1875 was 699,918, as will be seen by the following Table:—

	1874.	1875.	Comparison.	
Fellows and Friends	180,768	169,755	Decr. 11,013	
Paying {	On ordinary days at 1s. each...	158,143	156,936	Decr. 1,207
	On Mondays and other days at 6d. each	310,076	314,254	Incr. 4,178
	Children under 12 years at 6d. each	44,030	44,945	Incr. 915
Charity Children	13,890	14,028	Incr. 138	
	706,907	699,918	Decr. 6,989	

The next Table gives a statement of the Number of Visitors to the Society's Gardens during each year, from the year 1828 to the year 1875.

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

* Year of the Great Exhibition.

† Year of the International Exhibition.

It will be observed that the number of visitors in 1875 was greater than that in 1862, the year of the International Exhibition, hitherto regarded as exceptional, and has only been slightly exceeded on two previous occasions.

4. ZOOLOGICAL LECTURES.

The Council have determined that the Davis Fund for the present year shall again be devoted to popular Lectures on subjects connected with the living collection in the Society's Menagerie. These are given in the Lecture-Room in the Society's Gardens, on Thursdays, at 5 P.M., and have been arranged as follows:—

Date.	Subject.	Lecturer.
1. Thursday, April 27	The Society's Gardens and their Inhabitants.	P. L. SCLATER, Esq., F.R.S.
2. " May 4	Rhinoceroses and Tapirs.	Professor FLOWER, F.R.S.
3. " " 11	Horses and Zebras.	
4. " " 18	The Manatee	
5. " " 25	Birds	Dr. J. MURIE, F.Z.S.
6. " June 1	Bats	Professor GARROD, F.Z.S.
7. " " 8	Homing Pigeons ...	Professor MIVART, F.R.S.
8. " " 15	Reptiles	W. B. TEGETMEIER, Esq., F.Z.S.
9. " " 22	The Beaver and its distribution.....	Professor GARROD, F.Z.S.
10. " " 29	The Zoological Station at Naples.	J. W. CLARK, Esq., F.Z.S.
		Dr. CARPENTER, F.R.S.

The Lectures are free to Fellows of the Society and their friends, and to other visitors to the Gardens.

5. PROSECTOR'S DEPARTMENT.

Prof. A. H. Garrod, the Society's Prosector, has continued his investigations into the causes of death of the animals that have died in the Gardens during the past year. He reports that the death-list of the year 1875 indicates that chronic rather than acute diseases were the causes of mortality in an unusual percentage of cases, which (as it indicates that the incentives to immediate disease, such as cold and bad hygienic arrangements, were absent) is a very favourable sign. The female Indian Elephant and the Manatee were the most serious losses, the

former having suffered from chronic phthisis and rheumatic arthritis, the latter apparently from the lack of a food sufficiently nutritious for its requirements. Such food it is, of course, extremely difficult to procure in this country, if we may form any estimate of its ordinary quantity from the habits of the animal in a state of nature.

As is usually the case, the prevalent disease among the Old-World Monkeys was tuberculosis of one organ or another; while among the New-World Monkeys tubercle was far less frequent.

The Ruminant animals, on post-mortem examination, were found to be more than ordinarily free from hydatid tumours in the liver; and intestinal parasites were remarkable for their absence in all the animals, indicating that their food was carefully selected and prepared.

The Polar Bear deposited in the Society's Gardens by Capt. Allen Grant suffered from a large ulcer on its palate, which, no doubt, was the cause of its persistently refusing food, and consequently not surviving.

The very fine specimen of the King Penguin (*Aptenodytes pennanti*), presented by F. E. Cobb, Esq., on the 18th of May, 1875, died on the 11th of August, 1875, from what is so frequently the cause of death among these birds, namely, acute inflammation of the walls of the interthoracic air-cells, which spread to the pericardium.

The following memoirs and papers, contributed by the Prosector to the Society's scientific publications in 1875, were mainly based upon specimens that had died in the Society's Menagerie:—On the Kangaroo called *Halma-turus luctuosus* by D'Albertis, and its Affinities; On the Form of the Lower Larynx in certain Species of Ducks; On the Form of the Trachea in certain Species of Storks and Spoonbills; On the Disposition of the Deep Plantar Tendons in different Birds; On the Hyoid Bone of the Elephant; Notes on two Pigeons, *Ianthænas leucolæma* and *Erythrænas pulcherrima*; Report on the Indian Elephant which died in the Gardens on July 7th, 1875; On the Structure of the Manatee.

6. MENAGERIE.

The number of animals belonging to the first three classes of Vertebrates living in the Society's Menagerie at the close of 1875 was 2205. The corresponding number

on the 31st of December 1874 was 2122, as will be seen by the subjoined Table:—

	December 31.		Comparison.
	1874.	1875.	
Quadrupeds.....	751	626	Decr. 125
Birds	1243	1340	Incr. 97
Reptiles	128	239	Incr. 111
	2122	2205	Incr. 83

The total number of registered additions to the Menagerie in 1875 was 1458, of which 559 were acquired by presentation, 557 by purchase, 156 were bred in the Gardens, 143 were received on deposit, and 43 obtained in exchange.

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

	Presented.	Purchased.	Born.	Deposited.	Received in Exchange.	Total.
1870.	386	529	160	218	40	1333
1871.	496	434	138	129	90	1287
1872.	460	527	195	110	52	1344
1873.	483	457	191	231	188	1530
1874.	425	296	214	242	25	1202
1875.	559	557	156	143	43	1458

The following is a list of the animals which have been bred in the Gardens of the Society between the 1st of January 1875 and the 1st of January 1876.

MAMMALS.

- 2 White-fronted Lemurs (*Lemur albifrons*).
- 3 Collared Fruit-Bats (*Cynonycteris collaris*).
- 1 Blotched Genet (*Genetta tigrina*).
- 2 Coatis (*Nasua nasica*).
- 2 Cuming's Octodons (*Octodon cumingi*).
- 4 Hairy-rumped Agoutis (*Dasyprocta prymnolopha*).
- 1 Persian Gazelle, ♂ (*Gazella subgutturosa*).
- 1 Eland (*Oreas canna*).
- 1 Zebu, ♂ (*Bos indicus*).
- 1 Three-quarter-breed Zebu (between *Bos indicus* ♂ and hybrid *Bos frontalis* ♀).
- 1 Cape Buffalo, ♀ (*Bubalus caffer*).

- 1 Fallow-Deer (*Dama vulgaris*).
- 2 Wapiti Deer (*Cervus canadensis*).
- 2 Molucca Deer, 2 ♂ (*Cervus moluccensis*).
- 1 Hog Deer (*Cervus porcinus*).
- 1 Axis Deer (*Cervus axis*).
- 1 Prince Alfred's Deer (*Cervus alfredi*).
- 1 Virginian Deer (*Cervus virginianus*).
- 1 Pampas Deer, ♀ (*Cervus campestris*).
- 2 Reeves's Muntjac (*Cervulus reevesi*).
- 1 Short-tailed Muntjac (*Cervulus micrurus*),
- 3 Hairy Armadilloes (*Dasypus villosus*).
- 1 Great Kangaroo (*Macropus giganteus*).
- 1 Red Kangaroo (*Macropus rufus*).
- 1 Derbyan Wallaby (*Halmaturus derbyanus*).
- 2 Hybrid RatKangaroos (between *Hypsiprymnus ogilbyi* ♀
and *H. gaimardi* ♂).

BIRDS.

- 4 Upland Geese (*Chloëphaga magellanica*).
- 6 Trumpeter Swans (*Cygnus buccinator*).
- 2 Variegated Sheldrakes (*Tadorna variegata*).
- 10 Summer-Ducks (*Aix sponsa*).
- 8 Chiloe Widgeon (*Mareca chiloensis*).
- 12 Chilian Pintails (*Dafila spinicauda*).
- 11 Australian Wild Ducks (*Anas superciliosa*).
- 9 Spotted-billed Ducks (*Anas pæcilorhyncha*).
- 2 Rosy-billed Ducks (*Metopiana peposaca*).
- 4 Hybrid Pigeons (between *Columba maculosa* and *C.*
gymnophthalma).
- 3 Vinaceous Turtledoves (*Turtur vinaceus*).
- 7 Crested Pigeons (*Ocyphaps lophotes*).
- 4 Bronze-winged Pigeons (*Phaps chalcoptera*).
- 1 Common Crowned Pigeon (*Goura coronata*).
- 6 Hybrid Japanese Pheasants (between *Phasianus versicolor* and *P. torquata*).
- 9 Amherst Pheasants (*Thaumalea amherstiae*).
- 2 Three-quarter-breed Amherst Pheasants (between hybrid *Thaumalea amherstiae* ♂ and hybrid *T. picta* ♀).
- 1 Siamese Pheasant (*Euplocamus prælatus*).
- 4 Temminck's Tragopans (*Cerionis temmincki*).
- 4 Peacock Pheasants (*Polyplectron chinquis*).

REPTILES.

- 5 Russell's Vipers (*Vipera russelli*).

The subjoined List gives an account of the animals belonging to Species new to the Revised Catalogue of Vertebrates which were exhibited in the Society's Gardens in the year 1875.

Class MAMMALIA.

Order INSECTIVORA.

Family TUPAIIDÆ.

Genus TUPAIA.

Tupaia peguana, Lesson. Peguan Tree-Shrew.

Hab. Burmah.

a. Presented by the Hon. Ashley Eden, Feb. 8, 1875. See P. Z. S. 1875, p. 156.

Order CARNIVORA.

Family VIVERRIDÆ.

Genus PARADOXURUS.

Paradoxurus philippensis, Temm. Philippine Paradoxure.

Hab. Philippine Islands.

a. Presented by J. Stone, Esq., F.Z.S., June 25, 1875.

Genus ARCTICTIS.

Arctictis albifrons, F. Cuv. Grey Binturong.

Hab. Borneo.

a. Presented by Sir Harry Ord, C.B., F.Z.S., Aug. 14, 1873.
See P. Z. S. 1875, p. 565.

Genus CYNICTIS.

Cynictis penicillata, F. Cuv. Levillant's Cynictis.

Hab. South Africa.

a. Purchased, Jan. 11, 1871.

b. Deposited, Oct. 13, 1875.

GENUS CANIS.

Canis rutilans, Temm. Sumatran Wild Dog.

Hab. Sumatra.

a. Presented by Mr. Mumford, Sept. 7, 1875. See P. Z. S. 1875, p. 530.

Canis chama, Smith. Silver-backed Fox.

Hab. Griqualand West, South Africa.

a. Presented by H. N. B. Good, Esq., Jan. 6, 1875. See P. Z. S. 1875, p. 81.

ORDER RODENTIA.

FAMILY SCIURIDÆ.

GENUS SCIURUS.

Sciurus blanfordi, Blyth. Blandford's Squirrel.

Hab. Burmah.

a. Presented by Mrs. Dunn, February 8, 1875. See P. Z. S. 1875, p. 156.

FAMILY HYSTRICIDÆ.

GENUS CERCOLABES.

Cercolabes villosus (F. Cuv.). Hairy Porcupine.

Hab. Brazil.

a. Purchased, May 5, 1875. See P. Z. S. 1875, p. 469.

GENUS DASYPROCTA.

Dasyprocta prymnolopha, Wagler. Hairy-rumped Agouti.

Hab. South America.

a-g. Purchased, Jan. 1, 1875.

GENUS CERODON.

Cerodon rupestris (Max.). Rock-Cavy.

Hab. Brazil.

a. Purchased, May 5, 1875. See P. Z. S. 1875, p. 469.

Order SIRENIA.

Family MANATIDÆ.

Genus MANATUS.

Manatus americanus, Cuv. Manatee.

Hab. Demerara.

a. Female. Purchased, Aug. 6, 1875. See P. Z. S. 1875, p. 529.

Genus TORA.

Alcelaphus tora, Gray. Tora Antelope.

Hab. Upper Nubia.

a. Female. Purchased, July 22, 1875. See P. Z. S. 1875, p. 529.

Order UNGULATA.

Family BOVIDÆ.

Genus GAZELLA.

Gazella granti, Brooke. Grant's Gazelle.

Hab. East Africa.

a. Female. Presented by Dr. J. Kirk, C.M.Z.S., June 10, 1875. See P. Z. S. 1875, p. 527.

Genus TETRACEROS.

Tetraceros subquadricornutus, Elliot. Brown Indian Antelope.

Hab. India.

a. Male. Purchased, June 8, 1875. See P. Z. S. 1875, p. 527.

Family CERVIDÆ.

Genus CERVUS.

Cervus philippinus, H. Smith. Philippine Deer.

Hab. Philippine Islands.

a. Male. Purchased, June 17, 1875.

Order MARSUPIALIA.

Family DIDELPHYIDÆ.

Genus DIDELPHYS.

Didelphys quica, Temm. Quica Opossum.

Hab. South America.

a-d. Purchased, February 12, 1875. See P. Z. S. 1875,
p. 157.

Family MACROPODIDÆ.

Genus HALMATURUS.

Halmaturus agilis, Gould. Agile Wallaby.

Hab. Australia.

a. Purchased, May 28, 1875. See P. Z. S. 1875, p. 469.

Class AVES.

Order PASSERES.

Family TURDIDÆ.

Genus SYLVIA.

Sylvia curruca (Linn.). Lesser Whitethroat.

Hab. British Isles.

a. Presented by A. E. Field, Esq., Oct. 26, 1875.

Family MOTACILLIDÆ.

Genus ANTHUS.

Anthus pratensis, Linn. Meadow-Pipit.

Hab. British Isles.

a. Presented by Messrs. Swaysland & Son, Sept. 14, 1875.

Family PYCNONOTIDÆ.

Genus PYCNONOTUS.

Pycnonotus xanthopygos, H. & E. Syrian Bulbul.

Hab. Syria.

a. Presented by E. T. Rogers, Esq., C.M.Z.S., April 12, 1875. See P. Z. S. 1875, p. 348.

Family ORIOLIDÆ.

Genus ORIOLUS.

Oriolus indicus (Gm.). Black-naped Oriole.

Hab. India.

a. Purchased, June 12, 1875.

Family TANAGRIDÆ.

Genus CHLOROPHONIA.

Chlorophonia viridis (Vieill.). All-Green Tanager.

Hab. Brazil.

a, b. Purchased, Nov. 16, 1875. See P. Z. S. 1875, p. 633.

Genus EUPHONIA.

Euphonia pectoralis (Lath.). Pectoral Tanager.

Hab. Brazil.

a. Purchased, July 19, 1875. See P. Z. S. 1875, p. 529.

Genus TANAGRA.

Tanagra palmarum (Max.). Palm-Tanager.

Hab. South America.

a. Purchased, April 19, 1875.

GENUS CALLISTE.

Calliste festiva (Shaw). Festive Tanager.

Hab. Brazil.

a. Purchased, July 19, 1875. See P. Z. S. 1875, p. 529.

Family FRINGILLIDÆ.

GENUS DIUCA.

Diuca grisea (Less.). Diuca Finch.

Hab. Chili.

a, b. Purchased, July 27, 1875.

GENUS CORYPHOSPINGUS.

Coryphospingus pileatus (Max.). Pileated Finch.

Hab. Brazil.

a-d. Males; *e.* Female. Purchased, Nov. 17, 1875.

GENUS SPERMOPHILA.

Spermophila lineola (Linn.). Lined Finch.

Hab. South America.

a-h. Purchased, April 19, 1875. See P. Z. S. 1875, p. 349.

Spermophila nigro-aurantia (Bodd.). Reddish Finch.

Hab. South America.

a, b. Purchased, April 19, 1875.

c. Presented by Mr. J. L. Symon, April 28, 1875. See P. Z. S. 1875, p. 349.

Spermophila hypoleuca (Licht.). Half-white Finch.

Hab. South America.

a. Purchased, April 19, 1875. See P. Z. S. 1875, p. 349.

GENUS CHRYSOMITRIS.

Chrysomitris barbata (Mol.). Black-throated Siskin.

Hab. Brazil.

a. Male; *b.* Female. Purchased, July 19, 1875.

Family ICTERIDÆ.

Subfamily AGELÆINÆ.

Genus MOLOTHRUS.

Molothrus purpurascens (Hahn). Purple Cow-bird.

Hab. Peru.

a. Male; *b.* Female. Presented by Professor W. Nation,
C.M.Z.S., Aug. 9, 1875.

Subfamily ICTERINÆ.

Genus OSTINOPS.

Ostinops cristatus (Gm.). Crested Hangnest.

Hab. South America.

a. Purchased, June 21, 1873.

Genus AMBLYRHAMPHUS.

Amblyramphus holosericeus (Scop.). Silky Hangnest.

Hab. La Plata.

a, b. Received in exchange, March 22, 1875. See P. Z. S.
1875, p. 316.

Family CORVIDÆ.

Subfamily CORVINÆ.

Genus PICA.

Pica botanensis, Delessert. Himalayan Magpie.

Hab. Bootan.

a. Purchased, March 5, 1875. See P. Z. S. 1875, p. 316.

Family COTINGIDÆ.

Genus COTINGA.

Cotinga cincta, Bodd. Banded Cotinga.

Hab. Brazil.

a. Purchased, Jan. 18, 1875. From Bahia. See P. Z. S.
1875, p. 82.

Family CUCULIDÆ.

Genus CROTOPHAGA.

Crotophaga ani, Linn. Ani.*Hab.* South America.*a.* Purchased, Jan. 1, 1875.

Order PSITTACI.

Family PSITTACIDÆ.

Genus MICROGLOSSA.

Microglossa aterrima (Gm.). Great Black Cockatoo.*Hab.* New Guinea.*a, b.* Purchased, May 31, 1875.

Genus CHRYSOTIS.

Chrysotis xantholora, G. R. Gray. Yellow-lored Amazon.*Hab.* South America.*a.* Purchased, Feb. 26, 1875. See P. Z. S. 1875, p. 157.

Order ACCIPITRES.

Family FALCONIDÆ.

Subfamily MILVINÆ.

Genus BAZA.

Baza lophotes (Temm.). Crested Black Kite.*Hab.* India.*a, b, c.* Purchased, March 5, 1875. See P. Z. S. 1875, p. 316.

Subfamily FALCONINÆ.

Genus FALCO.

Falco biarmicus, Temm. Bearded Falcon.*Hab.* South Africa.*a.* Presented by Capt. Perry, March 15, 1875. Captured at sea. See P. Z. S. 1875, p. 316.

Genus TINNUNCULUS.

Tinnunculus cenchris (Naum.). Lesser Kestrel.

Hab. North Africa.

a, b. Purchased, May 29, 1875.

Genus ASTUR.

Astur tibialis, Verreaux. Gambian Goshawk.

Hab. West Africa.

a. Purchased, June 29, 1875.

Family STRIGIDÆ.

Subfamily BUBONINÆ.

Genus SYRNIUM.

Syrnium woodfordi (Smith). Woodford's Owl.

Hab. Natal.

a. Presented by W. E. Oates, Esq., Aug. 16, 1875. See
P. Z. S. 1875, p. 529.

Genus SCELOGLAUX.

Sceloglaux albifacies (Gray). White-faced Owl.

Hab. New Zealand.

a. Purchased, Sept. 3, 1875. See P. Z. S. 1875, p. 530.

Order STEGANOPODES.

Family PHALACROCORACIDÆ.

Genus SULA.

Sula fusca (Linn.). Brown Gannet.

Hab. South America.

a, b. Presented by J. C. Hussey, Esq., Aug. 16, 1875. From
Port Lemon, Costa Rica. See P. Z. S. 1875, p. 529.

Order GALLINÆ.

Family PHASIANIDÆ.

Genus ITHAGINIS.

Ithaginis geoffroii, Verreaux. Geoffroy's Blood-Pheasant.

Hab. China.

a. Deposited, July 19, 1875.

Genus NUMIDA.

Numida rendalli, Ogilby. Rendall's Guinea-fowl.

Hab. West Africa.

a, b. Presented by Mr. J. M. Cornely, C.M.Z.S., May 20, 1875.

Order ALECTORIDES.

Family ARAMIDÆ.

Genus ARAMUS.

Aramus scolopaceus (Gm.). Scolopaceous Courlan.

Hab. South America.

a. Purchased, Oct. 6, 1875. See P. Z. S. 1875, p. 565.

Family RALLIDÆ.

Subfamily RALLINÆ.

Genus OCYDROMUS.

Ocydromus fuscus (Du Bus). Black Wood-Hen.

Hab. Snares Island, New Zealand.

a. Presented by Dr. George Hector, C.M.Z.S., June 7, 1875.

Subfamily FULICINÆ.

Genus PORPHYRIO.

Porphyrio vitiensis, Peale. Fijian Porphyrio.*Hab.* New Caledonia.*a.* Presented by G. C. Moore, Esq., C.M.Z.S., May 28, 1875.

Order GRALLÆ.

Family CHARADRIIDÆ.

Genus CHARADRIUS.

Charadrius morinellus, Linn. Dotterell.*Hab.* British Isles.*a.* Presented by Dr. C. R. Bree, F.Z.S., Sept. 7, 1875.

Order GAVIÆ.

Family LARIDÆ.

Genus LARUS.

Larus jamesoni, Wilson. Jameson's Gull.*Hab.* Australia.*a, b.* Presented by G. C. Moore, Esq., C.M.Z.S., May 28, 1875. See P.Z.S. 1875, p. 469.

Order STRUTHIONES.

Family CASUARIIDÆ.

Genus CASUARIUS.

Casuarius australis, Wall. Australian Cassowary.*Hab.* Australia.*a.* Presented by the Marquess of Normanby, Jan. 23, 1875.
See P.Z.S. 1875, p. 82.*b.* Presented by E. P. Ramsay, Esq., C.M.Z.S., May 28, 1875.

Casuarius beccarii, Sclater. Beccari's Cassowary.

Hab. New Guinea.

a. Presented by Sir James Fergusson, Bart., F.Z.S., June 7, 1875. See P. Z. S. 1875, p. 527.

Family APTERYGIDÆ.

Genus APTERYX.

Apteryx haasti, Potts. Haast's Apteryx.

Hab. New Zealand.

a. Presented by Baron F. von Mueller, C.M.Z.S., Dec. 18, 1875.

Class REPTILIA.

Order TESTUDINATA.

Family EMYDIDÆ.

Genus CLEMMYS.

Clemmys crassicollis (Bell). Thick-necked Terrapin.

Hab. Burmah.

a. Presented by W. Dunn, Esq., C.M.Z.S., Jan. 22, 1875.

Family TRIONYCHIDÆ.

Genus EMYDA.

Emyda granosa (Schoepf.). Bungoma Tortoise.

Hab. India.

a-e. Presented by Dr. John Shortt, F.Z.S., May 19, 1875.

Order SAURIA.

Family MONITORIDÆ.

Genus PSAMMOSAURUS.

Psammosaurus caspicus (Eichw.). Caspian Ouaran.

Hab. Busreh, Persian Gulf.

a. Presented by Capt. Phillips, Oct. 28, 1875.

Order OPHIDIA.

Family ELAPIDÆ.

Genus OPHIOPHAGUS.

Ophiophagus elaps (Schlegel). Hamadryad.

Hab. India.

a. Purchased, March 5, 1875. See P. Z. S. 1875, p. 316.

Family VIPERIDÆ.

Genus ECHIS.

Echis carinata, Merr. Carpet-Viper.

Hab. India.

a-c. Presented by Dr. John Shortt, F.Z.S., May 19, 1875.

Class BATRACHIA.

Order ANURA.

Family RANIDÆ.

Genus ALYTES.

Alytes obstetricans (Laur.) Midwife Toad.

Hab. South Europe.

a. Presented by F. Buckland, Esq., F.Z.S., July 23, 1875.

Class PISCES.

Genus ATHERINA.

Atherina presbyter, Cuv. et Valenc. Sand-Smelt.

Hab. British Seas.

Genus ANABAS.

Anabas scandens, Cuv. et Val. Climbing Anabas.

Hab. Cochin.

a. Presented by F. Buckland, Esq., F.Z.S., July 10, 1875.

Genus MALAPTERURUS.

Malapterurus beninensis, Murray. Electric Silurus.

Hab. West Africa.

a. Purchased, July 21, 1875. See P. Z. S. 1875, p. 529.

Besides these, a remarkable addition to the Collection was made in the shape of a pair of Giant Tortoises (*Testudo indica*), purchased July 6. These Tortoises were originally from Aldabra Island in the Indian Ocean, but have been kept (the male, it is said, for upwards of seventy years) in captivity in the Seychelles, and were forwarded thence by Mr. C. S. Salmon, the Chief Commissioner for the Islands, under the care of Dr. Brooks, Government Medical Officer. The male measures about four feet in length by three in width, and his weight is estimated at 800 lbs. We have to thank Dr. Günther, who arranged with Mr. Salmon for the transmission of these last relics of an extinct race to this country, for allowing them to remain, so long as they live, in our Gardens. When they die they are to be transferred to the British Museum*.

* See Dr. Günther's remarks on these Tortoises and their allies, 'Ann. Nat. Hist.,' ser. 4, vol. xiv. p. 311 (1874), and 'Nature,' vol. xii. pp. 238 & 259.

The following is a List of Donors and their several Donations to the Menagerie during the year 1875.

- H.H. The Sultan of Zanzibar.
One Beisa Antelope.
- Abbett, Mr.
Two Vervet Monkeys.
- Abbott, D. D., Esq.
One Common Paradoxure.
- Acclimatization Society of Wellington, N. Z.
Two Australian Cranes.
- Adam, Gordon, Esq.
One Bonnet-Monkey.
- Anderson, Dr. J., F.Z.S.
One Rhesus Monkey.
- Anderson, S., Esq.
Two Wild Boars.
- Angas, Mrs. G. F.
Two Chestnut-eared Finches.
- Ansell, the late H., Esq.
One Angola Vulture, one Marsh-Ichneumon, one Grey-cheeked Monkey.
- Arabin, Mrs.
One Poë Honey-eater, one Silky Hangnest.
- Arbuckle, Capt., R.M.L.I.
Two Bronze-spotted Doves.
- Aspinall, Mr.
One Bonnet-Monkey.
- Attwood, Miss, F.Z.S.
One Ring-necked Parrakeet.
- Ayre, Rev., F. W.
One Green Monkey.
- Balfour, H. F., Esq.
One Golden Agouti.
- Barnet, Capt.
One Gavial.
- Barter, Miss.
One Green Land-Tortoise, one Grey Ichneumon.
- Barton, Mrs.
One Goffin's Cockatoo.
- Beaton, W. H., Esq.
One Brown Bear.
- Bell, C., Esq.
Two Common Wolves.

- Bennett, P. W., Esq., F.Z.S.
One White-cheeked Capuchin.
- Berguean, C., Esq.
Two Long-eared Owls.
- Berkeley, W. H., Esq.
One West-African Python.
- Best, Mr. W. R.
One Ruddy Ichneumon.
- Billinghurst, M., Esq.
One King Vulture.
- Binder, Mr. W.
One Common Raccoon.
- Blair, Mr.
One Indian Coucal.
- Blondin, Chevalier.
One Malabar Squirrel.
- Blumenthal, A., Esq.
One Cuvier's Toucan.
- Blyth, C. V., Esq.
One Great Kangaroo.
- Bolton, Mrs.
One Yellow-fronted Amazon.
- Bond, Mrs.
One Vervet Monkey.
- Bovill, Miss.
One Herring-Gull.
- Braddick, Capt. H.
One Earles's Weka Rail.
- Brand, F., Esq.
One Wood-Owl.
- Braybrooke, Lord, F.Z.S.
Four Summer-Ducks.
- 39 Bree, Dr. C. R., F.Z.S.
One Dotterel, one Herring-Gull.
- Brewer, Dr.
One Peewit.
- Bridgford, Capt. S. T.
One Cinereous Sea-Eagle.
- Brighton Aquarium Co.
Eight small Spotted Dogfish.
- Brooks, G. H., Esq.
One Wryneck.
- Brown, Miss A. J.
One Campbell's Monkey.

- Brown, Mr. E.
One Long-eared Owl.
- 42 41
Buckland, F., Esq., F.Z.S.
One Natterjack Toad, one Climbing Anabas, one
Midwife Toad.
- Budget, —, Esq.
One Grey-headed Porphyrio.
- Burke, Capt.
One Black Lemur.
- Burton, Capt. R. F.
One Proteus.
- Burton, E. M., Esq.
One Common Kestrel.
- Butler, H. E., Esq.
One Common Swan.
- Cabry, Mrs.
One Patagonian Conure.
- Campbell, H., Esq.
One Black-handed Spider Monkey.
- Carr, M. A., Esq.
One Common Hare.
- Carter, S., Esq.
One Red Deer.
- Cheesman, Mr.
One Wood-Pigeon.
- Clogg, S., Esq.
One Common Rook.
- Cobb, F. E., Esq.
One King Penguin.
- Cole, Master E. H.
One Plantain-Squirrel.
- Cole, Dr.
One Pig-tailed Monkey.
- Coleman, F., Esq.
One Common Chameleon, two Green Toads, two Fire-
bellied Toads, five Green Tree-Frogs, one Spotted
Salamander, four Alpine Newts.
- Cooper, Capt.
One Royal Python.
- Cooper, Capt., R.N.
Three American Box-Tortoises, two Wrinkled Terra-
pins, one White-mouthed Mud-Terrapin.
- Cooper, H. T. M., Esq.
One Vociferous Sea-Eagle.

- Corney, Dr. B. G.
One Red-bellied Wallaby, one Vulpine Phalanger.
- 38 Cornely, M. J. M., C.M.Z.S.
Two Rendall's Guinea-fowls.
- Corny, A., Esq., R.N.
One Egyptian Jerboa.
- Cresswell, F., Esq.
Four Dunlins, four Knots.
- Crooke, Lieut.-Col.
One Common Cuckoo.
- Currie, Messrs., & Co.
One Black-headed Jackal.
- Cuthell, W. A., Esq.
Two Bengal Leopard Cats.
- Czarnikow, C., Esq., F.Z.S.
One Persian Gazelle.
- Damm, Capt.
One Campbell's Monkey.
- Darke, E., Esq.
One American Red Fox.
- Davis, W. G., Esq.
Two Central-American Agoutis.
- Dawes, E. Sandys, Esq.
One Syrian Fennec Fox.
- Dawson, W., Esq.
One Horned Lizard.
- Denoan, Mrs.
One Coati.
- De Winton-Walter, Esq.
One Rhesus Monkey.
- Devenish, Mr.
Two Scorpion Mud-Terrapins.
- Downes, C. C., Esq., F.Z.S.
Two Kinkajous.
- Drage, Mr. G. E.
Ten Green Lizards.
- Drummond, Capt. A. M., F.Z.S.
One Black-handed Spider Monkey, one Sharp-nosed Crocodile.
- 30 Dunn, Mrs.
One Blanford's Squirrel.
- 40 Dunn, W., Esq., C.M.Z.S.
Two Indian Crows, four Burmese Land-Tortoises,
one Thick-necked Terrapin.

- Eastley, Capt.
Thirty-six Goldfish.
- Eaton, the Rev. A. E.
Two Antarctic Skuas.
- 29 Eden, the Hon. Ashley.
One Peguan Tree-Shrew, two Lineated Pheasants.
- Edwards, H., Esq.
One Macaque Monkey.
- Eglinton, Countess of.
Two King Parrakeets.
- Ellis, the Hon. Evelyn H.
One Black Ape.
- Fairfax, Capt., R.N.
One Antarctic Skua.
- Featherston, I. E., Esq.
One Night Parrot.
- 40 Fergusson, Sir James, Bt., F.Z.S.
One Beccari's Cassowary.
- Ferris, J. A., Esq.
One Macaque Monkey.
- 32 Field, A. E., Esq.
Two Lesser Whitethroats, two Yellow Wagtails.
- Field, Barclay, Esq., F.Z.S.
One Crowned Partridge.
- Filliter, C. F., Esq.
One Red-and-Blue Macaw, one Black-faced Spider
Monkey.
- France, J. R., Esq.
One Chinese Mynah.
- Fraser, W. T., Esq., C.M.Z.S.
Two Fork-tailed Jungle-fowls, four Hybrid do.
- Garforth, Commander.
One Punjaub Wild Sheep.
- Garrod, Miss M.
One Edible Frog.
- Gassiot, J. P., Junr., Esq., F.Z.S.
Eighteen Green Tree-Frogs.
- George, A., Esq.
Two Rain-Quails, one Asiatic Quail, one Grey Fran-
colin.
- Gibbs, H. H., Esq., F.Z.S.
One Arctic Fox.
- Gibbs, Mrs.
One Macaque Monkey.

- Gipps, P., Esq.
One Herring-Gull.
- Gooch, Sir F. S., Bart.
Two Bonnet-Monkeys.
- 30 Good, H. N. B., Esq.
One Silver-backed Fox.
- Gooding, Mr. D.
One Rhesus Monkey.
- Gordon, A. B., Esq.
One Pig-tailed Monkey.
- Gordon, J., Esq.
One Lesser White-nosed Monkey.
- Grady, Miss A. G.
One Yellow-shouldered Amazon.
- Gray, A., Esq.
Two Persian Gazelles.
- Gray, T., Esq.
Two Domestic Sheep.
- Green, W. Kirby, Esq.
One Syrian Bear.
- Grellier, H. M., Esq.
One Grey Ichneumon.
- Hadfield, Capt.
One Montagu's Harrier.
- Haggard, J. G., Esq.
Two Dorsal Squirrels.
- Hailes, Miss.
One Bonnet-Monkey.
- Hairby, Capt. E.
One Central-American Agouti, one Pampas Deer.
- Hajee, C., Esq.
One Bonnet-Monkey.
- Hammond, Mr. R.
One Pike, one Tench.
- Hanbury, Reginald, Esq.
Six Fire-bellied Toads, one Edible Frog.
- Hancock, H. A., Esq.
One Raven.
- Harborow, Mrs.
One Yellow-collared Parrakeet.
- Harrington, Earl of.
One African Civet Cat.
- Hart, Lionel, Esq.
One Guinea Baboon.

- Harvey, G. C., Esq.
Two Pike.
- Hawtayne, G. H., Esq.
One West-Indian Agouti.
- Hay, Alf., Esq.
One Crested Porcupine.
- 38 Hector, Dr. G.
Two Weka Rails, one Owen's Apteryx, one Black
Wood-Hen.
- Henderson, W. J., Esq.
One Central-American Agouti.
- Hibbit, The Rev. A.
One Dufresne's Amazon.
- Hill, Viscount.
One Rufous Tinamou.
- Hincks, S. C., Esq.
One Golden Tench.
- Holborn, —, Esq.
One Lesser Sulphur-crested Cockatoo.
- Home, Mrs. L.
One Golden Eagle.
- Hornby, Miss.
Two Petz's Conures.
- Hose, The Rev. T. C.
One Saffron Finch.
- Howard, Miss Maud.
One Common Sheldrake.
- Hughes, H., Esq.
One Hog-Deer.
- Hughes, H. P., Esq., jun.
One Herring-Gull.
- Humphreys, Miss.
One Pig-tailed Monkey.
- 39 Hussey, J. C., Esq.
One Central-American Agouti, two Brown Gannets.
- Irving, W. J., Esq.
One Western Slender-billed Cockatoo.
- Isaacson, E., Esq.
Five American Box-Tortoises, one Wrinkled Ter-
rapin.
- Jackson, Miss.
One Common Raccoon.
- James, C., Esq.
One West-Indian Agouti.

- Jamrach, Mr. A.
Two Chinese Quails, one Martinican Porphyrio.
- Jardine, The Dowager Lady.
Six Green Tree-Frogs.
- Jennings, Mr. J.
One Grey Ichneumon.
- Jesse, W., Esq.
One European Pond-Terrapin.
- Johnson, H. J., Esq.
One Common Adder.
- Johnson, Mrs.
One Red-crested Cardinal.
- Jones, Mr.
One Common Paradoxure.
- Jones, Capt. Loftus F., R.N.
Two Glaucous Gulls.
- Kent, Mrs.
One Macaque Monkey.
- 31 Kirk, Dr. J., C.M.Z.S.
One Grant's Gazelle.
- Kirtley, H., Esq.
One Ocelot.
- Knight, L. A., Esq.
Four Green Turtles, two Angulated Tortoises.
- Knight, Mr.
One Macaque Monkey.
- Lane, F. G., Esq.
One Macaque Monkey.
- Lane, Mr. J. R.
One Greek Land-Tortoise.
- Lange, Mrs.
One Green Monkey.
- Lawrence, Mr. S.
One Macaque Monkey.
- Leas, Col.
One Nightjar.
- Le Miere, A., Esq.
One Macaque Monkey.
- Lee, V. H. Vaughan, Esq., V.P.
One Red Deer.
- Lees, Capt., Governor of Lagos.
One Chimpanzee.
- Lewis, L. B., Esq.
One Spotted Ichneumon.

- Lilford, Lord, F.Z.S.
Two Golden Eagles.
- Lindsay, Lord.
One Macaque Monkey.
- Lucas, C., Esq.
One Macaque Monkey.
- Lumsden, H., Esq.
One Bonnet-Monkey, one Macaque Monkey.
- M^oArthur, Colonel, R.M.L.I.
One Golden-crowned Conure.
- Maiden, Miss.
Two Grey-breasted Parrakeets.
- Marfels, Dr.
One Larger Macaque Monkey, one Rhesus Monkey.
- Marks, H. S., Esq., F.Z.S.
One Common Barn-Owl.
- Medley, T. P., Esq.
One Purple-capped Lory.
- Melley, Miss.
One Bonnet-Monkey.
- Miller, Miss H.
One Common Quail.
- 39 Moore, G. C., Esq., C.M.Z.S.
One Black-necked Stork, one Fijian Porphyrio, two Jameson's Gulls.
- Moore, Mrs. M. A.
One Arabian Baboon.
- Morgan, Major C.
One Common Peafowl.
- 40 Mueller, Baron F. von, C.M.Z.S.
One Haast's Apteryx.
- 30 Mumford, Mr.
One Sumatran Wild Dog.
- Murray, Capt.
Two Chukar Partridges.
- Nash, Mrs. A. E.
Two Razor-billed Curassows, one Yarrell's Curassow.
- 30 Nation, Prof. W., C.M.Z.S.
Two Purple Cow-birds.
- Nelson, E., Esq.
One Chilean Sea-Eagle.
- Nelson, Mrs. Marsh.
One Macaque Monkey.
- Newman, C. L. N., Esq.
One Malbrouck Monkey.

Nicholls, J., Esq.

One Indian Leopard.

39 Normanby, Marquis of.

One Australian Cassowary.

Northbrook, Lord, Governor-General of India.

Four Tigers, one Wild Dog.

Oakes, H. W., Esq.

One Black-handed Spider Monkey.

35 Oates, W. E., Esq.

One Woodford's Owl.

O'Flaherty, Mrs.

One Rhesus Monkey.

29 Ord, Capt. A. R.

One Binturong.

Ouchterlony, Capt.

One Ring-necked Parrakeet.

Painter, F., Esq.

One Water-Viper.

Pardoe, Dr.

One Australian Monitor.

Patchett, W. G., Esq.

One White-crowned Mangabey.

Paton, R. E.

One Coypu Rat.

Pease, J. W., Esq., M.P.

One Californian Quail.

Peile, F. Babington, Esq.

One Black Lemur.

36 Perry, Capt.

One Bearded Falcon.

Phillips, Capt.

One Caspian Ouaran.

41 Phillips, A. R., Esq.

One Australian Monitor.

Pocock, H., Esq.

One Macaque Monkey.

Powell, The Rev. T. P.

One Common Kite.

Prendergast, G. L., Esq.

Two Leadbeater's Cockatoos.

Puente, Mrs.

One Common Marmoset.

Pybus, H., Esq.

One Hoary Snake.

- 39 Ramsay, E. P., Esq., C.M.Z.S.
One Australian Cassowary.
- Reid, Saville G., Esq.
Two American Crows.
- Ringrose, Mrs. G.
Two Rufous Tinamous.
- Rix, The Misses.
Two Red-and-yellow Macaws.
- Roberts, Lieut.-Col. R. E.
One Sloth Bear.
- Roberts, R., Esq.
One Rhesus Monkey.
- 33 Rogers, E. T., Esq., C.M.Z.S.
One Syrian Bulbul.
- Rogers, Mr. G.
One Blackbird, one Common Thrush.
- Ross, J., Esq.
One White Macaque Monkey.
- Saville, Mr. W.
One Common Fox.
- Shawe, Mrs. Pole.
One Macaque Monkey.
- 41, 40 Shortt, Dr. J., F.Z.S.
Five Bungoma Tortoises, one Three-ridged Terrapin,
one Indian Cobra, two Russell's Vipers, three Carpet-
Vipers, one Indian Eryx, one Indian Python, three
Indian Rat-Snakes, five Long-snouted Snakes.
- Sissison, Miss E.
One Vervet Monkey.
- Smee, Dr. A. H.
Three Collections of Marine Fishes.
- Smith, A. H., Esq., F.Z.S.
One Spotted Salamander.
- Smith, Sir Charles, Bart.
One Small Hill-Mynah.
- Smith, Mrs.
One Lesser Sulphur-crested Cockatoo.
- Smythe, L., Esq.
One Herring-Gull, one Common Heron.
- Sproston, Mrs.
One Yellow-fronted Amazon.
- Stafford, Dr.
One Hooded Crow.
- 29 Stone, J., Esq., F.Z.S.
One Philippine Paradoxure.

- Sutherland, Miss.
One Yellow-fronted Amazon.
- Sutton, Master Hugh.
One Blue-crowned Parrakeet.
- Swain, Dr. E.
One Egyptian Goose.
- Swann, Mr.
One Common Kingfisher.
- 32 Swaysland & Son, Messrs.
Two Yellow Wagtails, one Tree-Pipit, one Meadow-Pipit.
- Sydenham, Mrs.
One Rose-crested Cockatoo.
- 34 Symon, Mr. J. L.
One Reddish Finch.
- Symonds, Miss K.
One Macaque Monkey.
- Temple, C., Esq.
Two Palm Squirrels.
- Terris, A. J. S., Esq.
One Indian Python, one Toque Monkey.
- Thirlwall, Miss.
One Ring-necked Parrakeet.
- Thomas, J. E., Esq.
One Grey Ichneumon.
- Thompson, A., Esq.
One Roseate Cockatoo.
- Thomson, C. E., Esq.
One Maholi Galago.
- Thornley, Mrs. A.
Two Vervet Monkeys.
- Tipping, Mrs.
Two Macaque Monkeys.
- Tucker, J. Scott, Esq.
One Coati.
- Tunnard, J. B., Esq.
Five Bonnet-Monkeys, one Yellow Baboon, one Sykes's Monkey.
- Turnbull, —, Esq.
Two Bonnet-Monkeys.
- Vale, A., Esq.
One Brown Bear.
- Vallenten, G., Esq.
One Macaque Monkey.

- Vanderkist, G. W., Esq.
One Crested Porcupine.
- Walker, R. B. N., Esq., C.M.Z.S.
Two Egyptian Geese, one Anubis Baboon.
- Ward, F., Esq.
Two Suricates.
- Warmington, A., Esq.
One Crested Guan.
- Warner, Mr. W. P.
One Golden Eagle.
- Watson, Mrs.
One Missel-Thrush.
- Watson, H. J., Esq.
One Peregrine Falcon.
- Webb, F. C., Esq.
Three Picazuro Pigeons.
- Wesson, Mr. W.
One Common Raccoon.
- Whitmarsh, H. B., Esq.
One Annulated Snake.
- Whitting, Capt. J. E.
One Impeyan Pheasant.
- Wickin, J., Esq.
Two Kinkajous.
- Wilkinson, Rev. J. R.
One Indian Kite.
- Williamson, J., Esq.
One Magellanic Fox.
- Willmore, J. H., Esq.
One Kestrel.
- Wilson, Charles J., Esq.
One Brown Capuchin.
- Wilton, J. R. H., Esq.
Two Crab-eating Raccoons.
- Winter, W., Esq.
One Green Monkey.
- Wisden, J. F., Esq.
One Grey Ichneumon.
- Wood, C. F., Esq.
One Green Monkey.
- Wood, Dr. H.
One Boa Constrictor.
- Wood, H. W., Esq.
One Lesser Sulphur-crested Cockatoo.

- Wood, C. R., Esq.
One Arctic Fox.
- Worms, Baron George de, F.Z.S.
One Horned Lizard.
- Wright, J. A., Esq.
One Golden Eagle.
- Wright, W. D., Esq.
One Sloth Bear.
- Young, H., Esq.
One Brown Coati.
- Younghusband, J. T., Esq.
One Red-legged Partridge.
- Zoological and Acclimatization Society of Victoria, Australia
One Australian Dingo.

Conclusion.

In concluding their forty-seventh Report, the Council beg leave to congratulate the Members upon the successful results of the last financial year, which has been one of marked success even after several years of great prosperity.

The expenditure on the new Lion-house may perhaps render it necessary before the close of the current year to diminish temporarily the reserve-fund invested in the 3 per cents, which now amounts to £9793 13s. 11*d.* stock. But the excess of income over ordinary expenditure is such that it will be easy to replace the deficiency next year; and there can be no doubt that the addition of this fine building to the Garden Establishment will have a material influence in increasing the receipts from admissions to the Gardens.

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

Signed (for the Council),

P. L. SCLATER,

Secretary.