

REPORTS

OF THE

COUNCIL AND AUDITORS

OF THE

ZOOLOGICAL SOCIETY

OF LONDON,

FOR THE YEAR 1908.

PREPARED FOR THE ANNUAL GENERAL MEETING,

TO BE HELD ON

THURSDAY, APRIL 29TH, 1909.

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REPORT OF THE COUNCIL

for the year 1908.

ANNUAL GENERAL MEETING

AND

SPECIAL GENERAL MEETING.

THE Eightieth Annual General Meeting of the Society will be held on Thursday, April 29th, 1909. The Chair will be taken at 4 p.m. at the Rooms of the Society, 3, Hanover Square.

When the Minutes have been read, the Meeting will at once adjourn to the Theatre, Burlington House (entrance in Burlington Gardens), by permission of the First Commissioner of H.M. Works. At the conclusion of the Annual General Meeting a SPECIAL GENERAL MEETING of the Society will take place. Full particulars of the purpose of this Meeting are issued on a separate sheet accompanying this Report, and Fellows are urgently requested to attend.

In accordance with the alteration made in the By-laws of the Society in 1904, this Report and the Report of the Committee of Auditors which accompanies it are issued to the Fellows before the Annual General Meeting.

PROCEDURE AT THE ANNUAL GENERAL MEETING.

(*By-Laws, Chapter VII., Sections 1 and 2, as amended August 18th, 1904.*)

SECT. I. Notice of the time and place of the Annual General Meeting shall be advertised by the Council in four or more of the public Newspapers, at least fourteen days before the same shall take place.

SECT. II. The course of proceeding at the Annual General Meeting, after the Chair has been taken, shall be as follows :—

1. The reading of the Minutes of the previous Annual Meeting.
2. The Appointment of Scrutineers and opening of the Ballot.
3. Presentation of the Auditors' Report, previously issued to Fellows.
4. Discussion of the Auditors' Report.
5. Presentation of the Council's Annual Report, previously issued to Fellows.
6. Discussion of the Council's Annual Report.
7. To receive the report of the Scrutineers on the result of the Ballot.

No other business shall be transacted at such Meeting.

STATE OF THE ROLL OF MEMBERS.

Fellows.

The number of Fellows and Fellows Elect on the 1st of January, 1908, was 4,040.

During the year 238 Fellows were elected or re-admitted, whilst 177 died or otherwise ceased to be Fellows, the net addition to the roll for the year being 61; the total number on the roll on January 1st, 1909, thus

reached 4,101, the largest in the history of the Society. These are classified as follows:—

Compounders	...	...	... at £20	1
„	..	...	... „ £30	987
„	...	...	... „ £45	30
Compositions remitted	...	...	...	43
Paying annual subscriptions	...	...	...	2,782
Dormant	...	...	...	216
Admission-fees unpaid	...	...	...	42
				<hr/>
			Total	4,101
				<hr/>

A form of recommendation for the Fellowship is enclosed with this Report, and the Council hope that Fellows will use their influence to maintain and increase the additions to the roll of Fellows.

Comparative Statement of Elections, Deaths, Resignations and Removals during the past Ten Years, with the number of Fellows at the end of each Year.

Years.	Elected or Re-admitted.	Died.						Subscribers Resigned.	Removed.			Ceased to be Fellows.	Number of Fellows, December 31.
		Compounders.				Subscribers.			Subscribers.	Dormant.	Admission Fees Unpaid.		
		£20.	£30.	£45.	Fee re-mitted.	£2.	£3.						
1899 ...	209	2	27	...	1	2	64	38	8	...	6	148	3,246
1900 ...	174	...	41	...	1	...	75	44	5	...	4	170	3,250
1901 ...	219	...	24	...	...	...	63	34	5	...	5	131	3,338
1902 ...	227	...	16	...	...	...	65	32	36	...	3	152	3,413
1903 ...	218	...	22	...	1	...	65	45	9	4	4	150	3,481
1904 ...	249	...	33	...	1	...	64	49	7	11	8	173	3,557
1905 ...	309	...	35	...	...	...	71	44	5	5	4	164	3,702
1906 ...	371	1	23	...	...	...	71	41	8	3	5	152	3,921
1907 ...	295	...	28	...	...	...	72	55	5	4	12	176	4,040
1908 ...	238	...	26	1	4	...	78	53	7	4	4	177	4,101

Foreign and Corresponding Members.

The elections of Foreign and Corresponding Members were not made until January, 1909, and so do not come into this Report.

PRESENTATION OF THE SOCIETY'S SILVER MEDALS.

On October 17th, 1907, but accidentally omitted from the Annual Report of that year, the Society's Silver Medal was awarded to Adam White Guthrie, Esq., F.Z.S., for a series of valuable donations of South African animals.

On June 18th, 1908, the Society's Silver Medal was awarded to D. Seth-Smith, Esq., F.Z.S., for his services in making and bringing home the Society's collection of Australian Fauna.

On July 16th, 1908, the Society's Silver Medal was awarded to Sir William Ingram, Bart., F.Z.S., for his gifts of Birds-of-Paradise to the Society's collection.

SCIENTIFIC WORK OF THE SOCIETY.

According to the terms of the Charter, the Society exists not only for "the introduction of new and curious subjects of the Animal Kingdom," but for the "advancement of Zoology and Animal Physiology." In addition to maintaining the Gardens for the education, study and pleasure of those interested in Zoology, the Society takes a share in the advancement of knowledge in more direct modes. The Evening Scientific Meetings have continued to be fairly well attended and many important contributions to zoological science have been communicated to them. It is to be noted, however, that there is an increasing tendency at this, as at other learned societies, for the more serious and technical communications to be read only in title, or in the form of short abstract, frequently in the absence of their authors, as such papers cannot be adequately discussed until they have been published.

The Annual "Record of Zoological Literature" has gained in stability by its association with the International Catalogue, and the Society has been able to increase the remuneration of the Recorders for their arduous work.

The Library of the Society has continued to be of great service to Zoologists, and the number of books that have been borrowed by post has considerably increased. The Council has opened negotiations which have been

favourably received, with the Councils of the Royal, Geological, and Linnæan Societies, with the object of arranging that all periodicals containing Zoological Literature may be consulted in London by a Fellow of any of these Societies.

The Anatomical and Pathological work in the research laboratories at the Prosectorium has been actively prosecuted, and the Council has arranged for better accommodation for these purposes.

From time to time the Society has aided the work of zoological exploration, either by direct grants of money, or by the publication of the results of such investigations.

The important zoological exploration of Eastern Asia, carried on by the generosity of the President, has been continued into the past year with ever increasing success. Having finished the Japanese Islands and Korea, Mr. Malcolm Anderson, His Grace's collector, has made expeditions on the Mongolian Plateau to the north-west of Peking, and to various places in the Provinces of Chih-li, Shen-si, and Shan-si, regions in which no systematic exploration had previously been made.

Mr. Anderson's main attention has been devoted to the smaller Mammalia, which at the present time offer the greatest field for the discovery of new forms and for the more accurate study of geographical zoology; but he has in addition obtained considerable series of birds, reptiles, fishes and insects. Many new species, mostly mammals, have been discovered, while exact observations have been made on the distribution, relationships, and habits of the older known forms.

The following further papers have been written on the collections made during the exploration :—

VI. List of Mammals from the Shantung Peninsula, North China, by O. Thomas, F.R.S., F.Z.S.

VII. List of Mammals from the Tsu-shima Islands, by O. Thomas, F.R.S., F.Z.S.

VIII. A Collection of Fresh-water Fishes from Korea, by C. Tate-Regan, M.A., F.Z.S.

IX. List of Mammals from the Mongolian Plateau, by O. Thomas, F.R.S., F.Z.S.

X. List of Mammals from the Provinces Chih-li and Shan-si, North China, by O. Thomas, F.R.S., F.Z.S.

The total number of Aves procured in Japan, Korea and Northern China, by the Duke of Bedford's collector, Mr. M. P. Anderson, amounted in all to 902 specimens. Though the majority of these belong to well-known species, this collection is a very valuable and welcome addition to the series of Palæartic birds in the British Museum, both on account of the excellent way in which the specimens have been prepared and the care with which all useful particulars have been recorded on the label of each individual. Two species appear to be new to science and, curiously enough, both of these are Nuthatches. One, *Sitta corea*, inhabits S. Korea, while the second, *S. bedfordi*, is confined to the Island of Quelpar. (Cnf. W. R. Ogilvie-Grant, Bull. B.O.C. xvi., p. 87, and xxiii., p. 59.)

The Council has made a grant of £150 to aid in the zoological exploration of British Honduras. Mr. W. K. Pomeroy, F.Z.S., who had already considerable acquaintance with that country, has thus been able to take with him Mr. G. C. Shortridge, an experienced collector. Considerable assistance has been promised by the British Authorities, and it is hoped that when the expedition returns in the early summer of 1909, in addition to specimens for museum work, a number of living birds will be brought to the Gardens.

An important expedition has been arranged by another Society to explore the Charles Louis Mountains in New Guinea. The Council has arranged in conjunction with Sir William Ingram, Bart., F.Z.S., to make a grant to this expedition, and to obtain in return living birds and mammals for exhibition in the Society's gardens.

The Society has decided to publish as a separate volume of the 'Transactions,' the zoological results of the expedition to Mount Ruwenzori, made under the leadership of Mr. R. B. Woosnam. It has also been arranged that the Society should publish in the 'Proceedings' portions of the results obtained by the Committee that is investigating grouse-disease.

SCIENTIFIC MEETINGS.

To the thirteen meetings for scientific business held in the Society's Rooms in Hanover Square in 1908, 95 communications were made. Of these, 84 were from

Fellows and 2 from Corresponding Members. The remaining 9 papers were from individuals not belonging to the Society, and were communicated to it by the Secretary or by other Fellows. The corresponding number of communications in the year 1907 was 99.

These communications were submitted to the Committee of Publication, by which 62 were ordered to be printed in the 'Proceedings,' and 1 in the 'Transactions,' 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.

PUBLICATIONS.

Abstract.

Since January, 1904, the Society has published on the Tuesday following the date of each Scientific Meeting an *Abstract of the Proceedings*. It is issued, free of charge to all Fellows who subscribe to the Publications, along with the 'Proceedings'; but it may be obtained on the day of publication at the price of *Sixpence*, or, if desired, it will be sent post-free for the sum of *Six shillings* per annum, payable in advance.

The *Abstract* contains no matter that will not be published afterwards in the *Proceedings*, but is convenient as a more rapid means of publishing new anatomical facts, or the descriptions of new species, and it announces, whenever possible, the communications to be made at the next Scientific Meeting.

Proceedings.

As announced in the Report for 1900, the 'Proceedings' of the year are now issued in two volumes, each of which contains two parts. Beginning with 1906, the two volumes have consecutive pagination throughout, so that the complete reference to any memoir is now as follows:—

P.Z.S., 190 , p. .

The two volumes for 1908 contain 983 pages (exclusive of the index which is now paged separately) with 68

plates and 198 illustrations in the letterpress. In the following Table are given the number of plates and pages of the volumes of 'Proceedings' for the past ten years:—

	Plates.	Pages.		Plates.	Pages.
1899 . . .	72	1108	1904 . . .	60	1010
1900 . . .	62	1063	1905 . . .	37	937
1901 . . .	69	1144	1906 . . .	70	1034
1902 . . .	68	813	1907 . . .	56	1121
1903 . . .	57	780	1908 . . .	68	983

Transactions.

Of the Society's quarto 'Transactions,' two parts were published in 1908, viz. :—

VOL. XVIII. PART 2, pp. 59–216. (May, 1908).

'On recently discovered Sub-fossil *Primates* from Madagascar,' by Herbert F. Standing, D.Sc. (Leeds), M.Sc. (Vict.). With an Appendix:—

'On the Form of the Brain in the Extinct Lemurs of Madagascar, with some Remarks on the Affinities of the *Indrisinae*,' by G. Elliot-Smith, M.A., M.D., F.R.S., Professor of Anatomy, School of Medicine, Cairo. With 19 Plates and 63 Text-figures.

VOL. XVIII. PART 3, pp. 217–339. (October, 1908).

An Account of the South American *Cheliferinae* in the Collections of the British and Copenhagen Museums, by C. J. With. With 3 Plates and 20 Text-figures.

The following Memoirs were ordered by the Committee of Publication to be printed in the 'Transactions,' and are in preparation:—

RUWENZORI EXPEDITION REPORTS.

1. 'Introduction,' by W. R. Ogilvie-Grant, F.Z.S.
2. 'Narrative,' by R. B. Woosnam.
3. 'Vermes,' by F. E. Beddard, M.A., F.R.S., F.Z.S.
4. 'Mollusca,' by E. A. Smith, I.S.O., F.Z.S.
5. 'Crustacea,' by W. T. Calman, D.Sc., F.Z.S.
6. 'Arachnida,' by A. S. Hirst, F.Z.S.

7. 'Orthoptera,' by W. F. Kirby, F.L.S., F.E.S.
8. 'Neuroptera,' by W. F. Kirby, F.L.S., F.E.S.
9. 'Rhynchota,' by W. L. Distant, F.E.S.
10. 'Diptera,' by E. E. Austen, F.Z.S.
11. 'Lepidoptera Heterocera,' by Sir G. F. Hampson, Bt., F.Z.S.
12. 'Lepidoptera Rhopalocera,' by F. A. Heron.
13. 'Hymenoptera,' by the late Col. C. T. Bingham, F.Z.S.
14. 'Coleoptera,' Part I., by G. J. Arrow, F.E.S.
 " " II., by C. O. Waterhouse, P.E.S.
 " " III., by C. J. Gahan.
 " " IV., by G. A. K. Marshall, F.Z.S.
15. 'Reptilia, Batrachia and Pisces,' by G. A. Boulenger, F.R.S., V.P.Z.S.
16. 'Aves,' by W. R. Ogilvie-Grant, F.Z.S., with an anatomical note by W. P. Pycraft, F.Z.S., A.L.S.
17. 'Mammalia,' by Oldfield Thomas, F.R.S., F.Z.S., and R. C. Wroughton, F.Z.S.

The Reports will form volume XIX. of the 'Transactions,' and will be illustrated with 23 coloured plates, 1 black plate, and 16 text-figures.

The work of the late Mr. George A. Doubleday, publication clerk, has been transferred to Mr. Henry Peavot, who has been appointed Assistant Librarian, with special charge of the Society's scientific publications.

Zoological Record.

The 44th Volume of the 'Zoological Record' (which contains a List of Titles and Subject and Systematic Indices of the work published by zoologists all over the world in 1907) is the second volume under the scheme of provisional amalgamation with the zoological portion of the 'International Catalogue of Scientific Literature' announced in the Reports for 1905 and 1906. Many of the difficulties incidental to the amalgamation of volumes prepared on different systems have now been overcome, and the Editor, Dr. David Sharp, F.R.S., F.Z.S., and his staff of recorders were able to finish their work much earlier than last year. The division relating to *Protozoa* was published in November, 1908, those relating to *Porifera*, *Cœlenterata*, *Arachnida*, *Pisces*, *Reptilia* and *Batrachia*, *Mammalia*, and the general sections *Arthropoda* and *Vertebrata* were published in December, 1908, the remaining divisions in January, 1909, whilst the complete volume was issued to subscribers on January 26th, 1909.

The amalgamation has been recognized in Europe and America as an important step in international co-operation, and it is hoped that it may lead the way to consolidation of numerous other independent scientific bibliographies and year-books, so preventing great waste of energy and money.

Fellows of the Society, learned Societies and Institutions, and members of the former Zoological Record Association, who subscribe through the Zoological Society, will receive the present and future volumes of the 'Record' on the same terms and in the same binding as heretofore—that is to say, at a subscription price of 30s. per annum, the subscription being due on the first of July each year.

The complete Volume consists of separately paged Divisions. These may be obtained singly, in paper covers, stitched and lettered.

The following are the Divisions and their net prices, viz. :—

	s.	d.
Comprehensive Zoology	2	6
Protozoa	2	0
Porifera or Spongida	2	0
Cœlenterata	2	0
Echinodermata	3	6
Vermidea	3	0
Brachiopoda and Polyzoa	2	0
Mollusca	4	0
*Arthropoda (General)	2	0
Crustacea	2	6
Trilobita, Arachnida, Myriopoda	3	6
Insecta	12	0
Prochordata	1	6
*Vertebrata (General)	1	6
Pisces	2	6
Reptilia and Batrachia	2	6
Aves	6	0
Mammalia	2	6
List of abbreviations of Journals	2	0
List of New Genera	2	0

* The general Division, Arthropoda, is also bound with the Divisions Crustacea, Trilobita-Arachnida-Myriopoda and Insecta. The general Division, Vertebrata, is also printed with the Divisions Pisces, Batrachia-Reptilia, Aves and Mammalia. Purchasers of any of these special Divisions do not require to order separately the general Divisions in question.

List of Institutions, etc., on the Exchange List of the Society's Publications.

A full list of these Institutions, etc., was printed in the Report for 1902; in 1903 no change was made; since that date the following additions have been made:—

1904.

The Carnegie Museum, Pittsburg, Pa., U.S.A.

1905.

The Bloemfontein Government Library.
The Royal Zoological Society of Ireland, Dublin.
The Australian Museum, Sydney, N.S.W.

1906.

Archiv für Naturgeschichte, Berlin.

1907.

Laboratoire Arago, Banyuls-sur-Mer, France.
Station for Experimental Evolution at Long Island of the Carnegie Institute of Washington, U.S.A.

1908.

The State University of California, Berkeley, Cal., U.S.A.
The American Academy of Arts and Sciences, Boston, U.S.A.

Garden Guide.

The 'Official Guide to the Society's Gardens,' written by the present Secretary, consists of 112 pages, with 50 illustrations, a Plan of the Gardens, and a Railway and Street Map showing modes of access from different parts of London. The Guide is printed by Messrs. Bradbury, Agnew and Co.; it is published by the Society at the Offices, 3, Hanover Square, and sold there and at the Gardens at the price of sixpence in paper covers. The copyright and the profits of sale belong to the Society. Since 1903, when the first edition was published, 216,299 copies have been sold. A seventh edition, with many new illustrations, will appear early this summer.

Postcards.

Although there was a large sale of Postcards it was less than in 1907, and it seems probable that no increase in

revenue is to be expected from this source. Of the series of twelve coloured Postcards, 47,334 were sold, making a total of 113,860 of this edition. Of a new series of uncoloured cards, 20,510 were sold.

The profit to the Society on the sale of Guides and Postcards amounts to about £800 per annum.

LIBRARY.

The Library, under the superintendence of Mr. F. H. Waterhouse, the Society's Librarian, was maintained in good order throughout the year, and has been much resorted to by working naturalists. Altogether 2,200 visits were paid to it by Fellows and persons introduced by them. About 2,050 volumes were borrowed from it under the usual regulations.

Many important additions to the Library were made during the past year, among which attention may be called to the following donations:—

<i>Donor.</i>	<i>Donation.</i>
F. E. Beddard	Annales de Biologie Lacustre, Bruxelles. Tome ii. Fasc. 3 (1908).
Trustees of the British Museum.	Boulenger. Catalogue of Snakes. 3 Vols. 1893-96. Boulenger. Catalogue of Fishes. 2nd ed. Vol. i. 1895. Gray. Catalogue of Monkeys, Lemurs, and Fruit-eating Bats. 1870. Gray. Catalogue of the Birds of the Tropical Islands of the Pacific Ocean. 1859. Gray. Catalogue of Seals and Whales, 1866, and Supplement, 1871. Gray. Catalogue of Ruminant Mammalia. 1872. Gray. Catalogue of Carnivorous, Pachydermatous, and Edentate Mammalia. 1869. Sharpe. Hand-List of the Genera and Species of Birds. 4 Vols. 1899-1903. Thomas. Catalogue of the Marsupialia and Monotremata. 1888. National Antarctic Expedition, 1901-1904. Vol. iv. Natural History. 1908.

<i>Donor.</i>	<i>Donation.</i>
Trustees of the British Museum	Guide to the Specimens of the Horse Family. 1907. Guide to the Elephants (Recent and Fossil). 1908. Guide to the Domesticated Animals. 1908. Guide to the Gallery of Fishes. 1908. Guide to the Exhibited Series of Insects. 1908.
R. Burckhardt	Gisi, "Das Gehirn von <i>Hatteria punctata</i> ." 1907.
F. Burgoyne	Foreign Cage Birds. 2 Vols. By C. W. Gedney. [1883.] Wild Animals. By T. Johnson. [<i>Drawn by hand.</i>]
W. C. J. Butterfield.....	The Lepidoptera of Suffolk. By E. N. Bloomfield. 1890-1900.
L. C. R. Cameron	Otters and Otter-hunting. 1908.
G. W. Cole.....	Bermuda in Periodical Literature. 1907.
Trustees of the Zoological Museum, University of Copenhagen.	Danish Ingolf-Expedition. iii., part 2
R. Crawshay	Birds of Tierra del Fuego. 1907.
F. Finn	The Guinea Pig. By C. Cumberland. 1905. The World's Birds. 1908. The Wild Beasts of the World. Parts i.-vi. 1908.
A. A. Gray.....	The Labyrinth of Animals, Vol. ii. 1908.
E. Haeckel	Unsere Ahnenreihe (<i>Progonotaxis hominis</i>) kritische Studien über Phyletische Anthropologie. 1908.
Sir Richard Harrison...	Recollections of a Life in the British Army. 1908.
W. H. Hudson	The Land's End: A Naturalist's Impressions in West Cornwall. 1908.
Trustees of the Indian Museum.	Littoral Holothurioidea of the 'Investigator,' By R. Koehler and C. Vaney. 1908.
G. Loisel	Rapport sur une Mission Scientifique dans les Jardins et Etablissements Zoologiques publics et privés, ii. 1907.
P. Chalmers Mitchell ...	Reports for 1893-1907 of the Lancashire Sea-Fisheries Laboratory. Journal of the Society for the Preservation of the Wild Fauna of the Empire. Vols. iii. and iv. The Senses of Insects. By A. Forel. Translated by M. Yearsley. 1908.

<i>Donor.</i>	<i>Donation.</i>
P. Chalmers Mitchell ...	LaFaune Momifiée de l'Ancienne Egypte. Par L. Lortet et C. Gaillard. 1908. Les Oiseaux des Phosphorites du Quercy. By C. Gaillard. 1908.
W. H. Mullens	A Complete History of Animals and Minerals. By R. Lovell. 1661. A Collection of English Words not generally used . . . With catalogue of English Birds and Fishes. By J. Ray. 1674. Historia sive Synopsis methodica Con- chyliorum. By M. Lister. 3rd ed. 1823. Ornithologia Danmoniensis. 1809. Gilbert White and Sussex. 1908.
C. W. Nash	Check List of the Vertebrates of Ontario. Fishes. 1908.
C. E. Porter	Revista Chilena de Historia Natural. xi. 1907.
R. H. Porter	Atlas zur vergleichenden Histologie der Wirbeltiere. Von N. Loewenthal. 1904. Text Book of Physiology. By J. G. M'Kendrick. 1888. Atlas d'Histologie normale. Par É. Rabaud et F. Monpillard. 1900. General Biology. By W. T. Sedgwick and E. B. Wilson. 1886. Text Book of Physiology. By M. Foster. 1883. Handbuch der Anatomie der Wirbel- thiere. Von T. H. Huxley. Ueber- sitzt von Dr. F. Ratzel. 1873.
E. B. Poulton	Hope Reports. Vol. vi. 1906-08.
The Hon. Charles Roths- child.	Rovartani Lapok. Kötet i.-xiv. 1884- 1907.
The Hon. Walter Roths- child.	'Extinct Birds.' 1907.
H. Scherren	Home Counties. 'The Case for the Goat.' 1908.
Max Weber	'Siboga' Expedite. Monographs. Parts ix., xl., xlii., xlix.
W. Weltner	'Archiv für Naturgeschichte,' Jahrg. 69 Bd. ii., Hefte 1, 2, 3; Jahrg. 70, Bd., ii., Hefte 1, 3; Jahrg. 73, Bd. i., Heft 3; Jahrg. 74, Bd. i., Heft 1.

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

Alexander (Boyd). From the Niger to the Nile. 2 Vols. 8vo.
London, 1907.

- Arlt (T.) Die Entwicklung der Kontinente und ihrer Lebenswelt. 8vo. Leipzig, 1907.
- Baker (E. C. S.). The Indian Ducks and their Allies. 8vo. London, 1908.
- Bonhote (J. L.) Birds of Britain. 8vo. London, 1907.
- Boulenger (G. A.). The Fishes of the Nile. Text and plates. 4to. London, 1907.
- Budgett (J. S.) The Work of J. S. Budgett, Balfour Student of the University of Cambridge. 4to. Cambridge, 1907.
- Calderwood (W. L.). The Life of the Salmon. 8vo. London, 1907.
- Calmette (A.). Venoms, Venomous Animals and Antivenomous Serum-therapeutics. Translated by E. E. Austen. 8vo. London, 1908.
- Chevalier (A.). Mission Chari-Lac Tchad. 1902-04. 8vo. Paris, 1907.
- Connold (E. T.) British Oak Galls. 8vo. London, 1908.
- Dickerson (M. C.) The Frog Book: North American Toads and Frogs. 8vo. New York, 1907.
- Gadow (H.) Through Southern Mexico. 8vo. London, 1908.
- Haagner (A.) and Ivy (R. N.). Sketches of South African Bird-Life. 8vo. London, 1908.
- Houard (C.). Les Zoocécidies des Plantes d'Europe. 8vo. Paris, 1908.
- Johnstone (J.). Conditions of Life in the Sea. 8vo. Cambridge, 1908.
- Kellogg (V.). Darwinism to-day. 8vo. New York, 1907.
- Lee (A. B.) und Mayer (P.). Grundzüge der mikroskopischen Technik für Zoologen und Anatomen. 3te Aufl. 8vo. Berlin, 1907.
- Mitchell (E. G.). Mosquito Life. 8vo. New York, 1907.
- Morgan (T. H.). Experimental Zoölogy. 8vo. New York, 1907.
- Nicoll (M. J.). Three Voyages of a Naturalist. 8vo. London, 1908.
- Poulton (E. B.). Essays on Evolution, 1889-1907. 8vo. Oxford, 1908.
- Schillings (C. G.). In Wildest Africa. 2 Vols. 8vo. London, 1907.
- Shiple (A. E.). Pearls and Parasites. 8vo. London, 1908.
- Simroth (H.). Die Pendulations-Theorie. 8vo. Leipzig, 1907.
- Thomson (J. A.). Heredity. 8vo. London, 1908.
- Wollaston (A. F. R.). From Ruwenzori to the Congo. 8vo. London, 1908.

The following is a list of the principal zoological works in course of publication, of which parts were purchased in 1908:—

- André. Species des Hyménoptères. Tome x., fasc. 99-102.
- Biologia Centrali-Americana. Edited by F. Du Cane Godman. Zoology, Parts cxcviii.-ccii.
- Bronn's Thierreich. Band ii., Abteil. 2 (*Anthozoa*), Lief. 4-6; Band iv. (*Vermes*), Lief. 92-117; Band v. (*Arthropoda*), Lief. 80-82; Band vi. (*Pisces*), Lief. 23-28.

- Brunner von Wattenwyl und Redtenbacher. Die Insektenfamilie der Phasmiden. Lief. 3.
- Deutsche Südpolar-Expedition, 1901-03; Band ix. (Zool.) Heft vi.; und x., Hefte i, ii.
- Distant. Insecta Transvaaliensia. Part ix.
- Dresser. Eggs of the Birds of Europe. Parts xi.-xiv.
- Expédition Antarctique Française, 1903-05. Journal de l'Expédition, Géographie Physique, Flora, Mammifères, Oiseaux, Vers et Brachiopodes, Spongiaires et Coelentérés, Isopodes et Ostracodes Marins.
- Fauna u. Flora des Golfes von Neapel. Monogr. xxxi., Protodrilus.
- Godman. Monograph of the Petrels. Parts 2, 3.
- Heidenhain. Plasma und Zelle. Abth. i., Lief 1.
- Howard. British Warblers. Part 2.
- India. Fauna of British India. Mollusca. By Dr. W. T. Blanford and Lt.-Col. H. H. Godwin-Austen; Rhynchota, Vol. iv. By W. L. Distant.
- Kerremans. Monographie des Buprestides. Tome ii., Livr. 18-20; Tome iii., Livr. 1-10.
- Kertész. Catalogus Dipteriorum. Band iii.
- Kobelt. Iconographie der schalentragenden europäischen Meeresconchylien. Band iv., Lief. 5.
- . Rossmässler's Iconographie der europäischen Land- und Süßwasser-Mollusken. N. F. Band xiv., Lief. 5, 6.
- Leuckart und Chun. Bibliotheca Zoologica. Hefte lii., liv., lv.
- Lundbeck. Diptera Danica. Part 2.
- Martini und Chemnitz. Conchylien-Cabinet. Lief. 520-532.
- Michaelson und Hartmeyer. 'Die Fauna Südwest-Australiens.' Band i., Lief. 1-7; Band ii., Lief. 1-4.
- Morley. Ichneumonologia Britannica. Vol. iii.
- Nova Guinea. Résultats de l'Expédition Scientifique Néerlandaise à la Nouvelle-Guinée en 1903. Vol. v. Zoology. Part 2.
- Oberthür. Études de Lépidoptérogie Comparée. Fasc. 1, 2.
- Opuscula Ichneumonologica. Fasc. 18-20.
- Plankton - Expedition der Humboldt - Stiftung. Tripyleen Radiolarien, von Dr. A. Borgert.
- Seitz. Grossschmetterlinge der Erde. Band i., Lief. 20-37; Band ii., Lief. 10-21.
- Semper. Reisen im Archipel der Philippinen. Band x., Heft 5.
- Sepp. Niederländische Vlinders. Ser. 3, Vol. i., Nos. 5, 6.
- Spuler. Die Schmetterlinge Europas. Lief. 33-37.
- Taylor. Land and Freshwater Mollusca of the British Islands. Part xv.
- Tryon. Manual of Conchology. Ser. 2, Parts lxxvi.-lxxvii.
- Tutt. British Butterflies. Vol. ii., parts 14-25.
- 'Valdivia.' Wissenschaftliche Ergebnisse der Deutschen Tiefsee Expedition auf dem Dampfer 'Valdivia,' 1898-99. Band ii., Theil 1, Lief. 2, 3; Band x., Lief. 3; Band xiv., Lief. 1; Band xvi., Lief. 1.
- Wytzman. Genera Insectorum. Fasc. 61-75.

The following is a list of periodicals received in 1908 from the various Societies and Institutions with which this Society is in correspondence:—

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- Cape Town: S. Afr. Mus., Annals, iv., part 8; vi., part 1; vii., parts 1, 2; Report 1907.
 " " S. Afr. Phil. Soc., Trans. xiii., pp. 547-752; xvii., part 2; xviii., part 2.
 Grahamstown: Albany Mus., Records, ii., part 2.
 London: S. Afr. Ornithol. Union, Journ. iv., nos. 1, 2; Suppl. to 1908.
 Pretoria: Transvaal Mus., Annals, i., nos. 1, 2; Report 1906-07.

AMERICA (North).

- Berkeley: Univ. of California. Publications in Zoology, iv., nos. 3-7.
 Boston: Amer. Acad. of Arts and Sci., Proc. xliii., nos. 12-15, 17-22; Mem. xiii., no. 6.
 " Boston Soc. Nat. Hist., Proc. xxxiii., nos. 3-9.
 Brooklyn: Inst. of Art. & Sci., Bull. i., nos. 11-14; Report 1907.
 Cambridge, Mass.: Mus. Comp. Zool. Harvard Coll., Bull. xxxv., no. 2; xxxvi., no. 3; xliii., no. 6; xlviii., no. 4; xlix., nos. 5-7; li., nos. 7-12; lii., nos. 1-6; liii., no. 1; Mem. xxvi., no. 6; xxxiv., no. 2; xxxv., no. 2; xxxvi., no. 1; Rep. 1906-07, 1907-08.
 Chicago: Field Mus. Nat. Hist., Rep. Ser., iii., no. 2; Zool. Ser., vii., nos. 4-6, viii.
 Halifax: Nova Scotian Inst. Sci., Proc. and Trans. xi., parts 3, 4; xii., part 1.
 Indianapolis: Indiana Ac. Sci., Proc. 1907.
 Montreal: Roy. Soc. Canada, Proc. and Trans. Ser. 2, xii., Suppl.; Ser. 3, i., Index 1889-1906.
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 " " N. Y. Acad. Sci., Annals, xvii., parts 1-3; xviii., part 2.
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 " Amer. Ent. Soc., Trans. xxxiii., no. 4; xxxiv., nos. 1-4.
 " Amer. Phil. Soc., Proc. xlvi.; xlvii., nos. 188, 189.
 Pittsburgh: Carnegie Mus. Annals, iv., nos. 3, 4; Report 1908.
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 Toronto: Univ. of Toronto, Studies (Biol. Ser.), no. 6; (Geol. Ser.), no. 5.
 Urbana: Illinois State Lab. Nat. Hist., Bull. viii., article 1.

- Washington : Biol. Soc., Proc. xx., pp. 85-126 ; xxi., pp. 1-232.
 „ Dept. of Comm. and Labor, Bureau of Fisheries,
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 „ Smiths. Inst., Contr. to Knowledge xxxv. (no. 1692) ;
 Miscell. Coll. li., liii. (Quarterly issue) ; iv., parts
 3, 4 ; v., parts 1, 2.
 „ U. S. Nat. Mus., Proc. xxxiii. ; Bull. no. 61 ; Ann.
 Rep. 1907.
 „ U. S. Geol. Surv., Monographs, xlix. ; Ann. Rep.,
 xxviii. ; Bull. nos. 309, 316, 319, 321, 322, 325-334,
 336-340, 342-351, 369 ; Professional Papers nos. 56,
 62 ; Water-supply Papers nos. 207, 209, 210, 213-
 222 ; Mineral Resources, 1906,
 „ U. S. Dep. Agri. (Biological Survey), Bull. No. 32 ;
 Circulars Nos. 98, 101, 103 (Division of Entomol.),
 Bull. N. S. no. 64, parts 4, 5, 68, parts 5-7, 73-76 ;
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 xii.-xiv.
 Montevideo : Nat. Mus., Anales, ser. 2. iii., entrega 3 ; Flora
 Uruguay, iii., entrega 3.
 Para : Goeldi Mus., Boletim, v., no. 1.
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AUSTRALIA.

- Adelaide : Roy. Soc. S. Austr., Trans. xxxi.
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 xxi., part 1.
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- " Senckenb. Nat. Hist. Soc., Abhandl. xxx., Hefte 1-3; Bericht, 1907; Festschrift, 1907.
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- " Roy. Irish Acad., Proc. (Sect. B.) xxvii., nos. 1-5.
- Edinburgh: Roy. Phys. Soc., Proc. xvii., parts 4, 5.
- " Roy. Soc., Proc. xxviii., parts 1-9; xxix., part 1; Trans. xlv., part 4; xlvi., part 1.
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iii.

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Wellington: New. Zeal. Inst., Trans. & Proc. xl.

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RUSSIA.

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Skrifter, xviii.

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Tiflis: Caucassian Mus., Mittheil. iii., Lief. 2-4 ; iv., Lief. 1, 2.

SPAIN.

Barcelona: Inst. Nat. Hist., Bull. iv., nos. 8, 9 ; v., nos. 1-5, 7.

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WEST INDIES.

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Donations, memoirs, and papers have also been received from :—Dr. F. Ameghino ; the Editors of the 'American Journal of Science' ; the Editor of the 'Athenæum' ; the Avicultural Society ; Prof. R. Collett ; Dr. A. Cligny ; the Danish Biological Station ; M. R. Dupont, Esq. ; the Department of Agriculture Dutch East Indies ; Stanley Edwards, Esq. ; Frank Finn, Esq. ; Capt. Stanley S. Flower ; the Foreign Bird Club ; A. E. Gibbs, Esq. ; Dr. N. C. Gilbert ; R. J. L. Guppy, Esq. ; Prof. E. Haeckel ; Dr. H. von Ihering ; the Editor of the 'Indian Forester' ; Department of Agriculture for Ireland (Fisheries Branch) ; the Royal Zoological Society of Ireland ; the Editors of the 'Journal of Comparative Pathology and Therapeutics' ; Prof. E. Lönnberg ; the Marine Biological Association West of Scotland ; Prof. G. Martorelli ; Prof. Alex. Meek ; Dr. P. Chalmers Mitchell ; the Editor of 'Nature' ; the Agent-General for New South Wales ; the New York Agricultural Experimental Station ; the Zoological Society of Philadelphia ; E. A. Porter, Esq. ; R. H. Porter, Esq. ; H. V. Radford, Esq. ; the Research Defence Society ; Dr. E. Reuter ; W. Rodier, Esq. ; the Hon. N. C. Rothschild ; the Royal College of Physicians of London ; Prof. C. Sauvageau ; Henry Scherren, Esq. ; Dr. P. L. Selater ; Dr. R. W. Shufeldt ; Prof. F. Silvestri ; the South Australian Zoological and Acclimatisation Society ; the University of London ; F. H. Waterhouse, Esq. ; Dr. S. E. Weber ; Sir William Willcocks ; S. W. Williston, Esq. ; Dr. H. Winge ; Dr. F. Wood-Jones ; the Zoological Society of Philadelphia ; the Zoological Laboratory of the University of Pennsylvania.

PROSECTORIAL DEPARTMENT.

The work in this Department has been carried on actively. The Prosector, whose report is annexed, has made a number of valuable contributions to the Society's Scientific Proceedings, and has been able to assist many individual scientific workers and institutions. The Pathologist has made *post mortem* examinations of the great majority of the animals that have died in the course of the year. Careful records of these examinations are preserved and these, in course of time, will form an invaluable series of data for the study of comparative pathology. A summary of the Pathologist's work was read at a Scientific Meeting in February, 1909, and will be published in the Society's 'Proceedings.' He has also furnished useful practical information to the Superintendent and the Garden Committee.

The Prosector of the Society, Mr. F. E. Beddard, M.A., F.R.S., reports as follows:—

The work carried out in the Prosectorium during the year has been, as in former years, mainly zoological, anatomical and pathological research. The pathological work is reported on separately. The Prosector has also given information to various persons either verbally or by letter upon zoological matters. It will be convenient to classify the zoological work done during the year under the following headings: viz., (1) Research carried out in the Prosectorium. (2) Material supplied for purposes of research or to Museums. (3) Preservation of material for future use. (4) Information given to various persons upon Zoological matters.

(1.) *Research carried out in the Prosectorium.*

During the year the Prosector has dissected more or less fully according to the necessity of each case 268 animals, of which 138 are mammals, 102 birds, and 28 reptiles or batrachians. This amounts to nearly one-sixth of the total deaths of the year, so that a very large proportion of the animals which have died in the Gardens have been utilised for anatomical purposes. This has not interfered with their subsequent utilisation for pathological purposes by the Society's Pathologist. The

information gained by these dissections has formed the chief part of the material for a series of communications to the scientific meetings of the Society, which are published in the 'Proceedings.' During the year the four parts of the 'Proceedings' which appeared contain nine papers by the Prosector amounting to 191 pages of text, and which are illustrated by 67 figures in the text. This forms a considerable proportion of the 'Proceedings,' and the work published will bear comparison with that accomplished in other scientific institutions.

(2.) *Material supplied for the purposes of Research or to Museums.*

Dr. G. Seccombe-Hett, F.Z.S., has continued to use the laboratory for his investigations into the anatomy of the tonsils. Material has been supplied to him as well as to Mr. E. Nettleship, F.Z.S. The Royal College of Surgeons has acquired a number of anatomical specimens from the laboratory, and a few specimens have been sent to the British Museum and to the Bristol Museum.

(3.) *Preservation of material for future use.*

The Prosectorium contains a small collection of material preserved with alcohol and formol, which is extremely useful for anatomical research, chiefly for purposes of reference. It is desirable to extend this collection, and during the past year some additions to it have been made, but, as the space is limited, the additions have not been very large. A number of skins and skulls of mammals which have died during the year have also been kept.

(4.) *Information given to various persons upon Zoological matters.*

The Prosector receives during the year a certain number of letters and personal visits of enquiry upon Zoological matters. These have been attended to, and a record is kept in the Prosector's Diary. Some specimens have also been forwarded for identification. Among the more important of these were some aquatic Oligochæteous worms from a well near Cambridge, sent by Dr. S. F.

Harmer, F.R.S., F.Z.S., now Keeper of Zoology in the British Museum, which proved to belong to the genus *Phreatothrix*, hitherto unrecorded from Great Britain, and apparently belonging to a new species of that genus. A short description of the worm was published in the 'Proceedings.' Dr. W. A. Cunningham, F.Z.S., and Mr. C. L. Boulenger, F.Z.S., sent some aquatic Oligochaeta from Lake Birkit el Qurun, which were identified as a species known from various parts of Europe.

The Society's Pathologist, Mr. H. G. Plimmer, M.R.C.S., F.R.M.S., reports as follows:—

During the past year 1,737 animals have died, of which 1,089 have been examined. A detailed record of the examinations is kept at the Prosectorium, of which an abstract has been presented every month to the Prosectorial Committee; and a Paper, dealing analytically with the causes of death and mentioning the most important facts found, together with a lantern demonstration of micro-photographs of some of the pathological conditions and of some of the new parasitic organisms which have been found, was read at a Meeting on 2nd February, 1909, and will be published in the 'Proceedings.' The new material will be published as it becomes ready.

Notifications of a practical kind arising out of the examinations have been made from time to time, so that such alterations as are possible in the conditions under which the animals are placed have been carried out, as well as disinfection in cases where this has been necessary.

The necessity of having a quarantine house and a hospital has been urged on the Prosectorial Committee, and it is most probable that when these important additions to the Gardens can be carried out there will be a considerable reduction in the present mortality amongst the animals.

Dr. L. W. Sambon, F.Z.S., and Dr. Albert Wilson, F.Z.S., have been working during the year in the Pathological Laboratory, and two rare specimens have been presented to the Museum of the Royal College of Surgeons.

THE GARDENS, REGENT'S PARK.

AUSTRALIAN AND NEW ZEALAND COLLECTION.

In the 'Report' for 1906 the Council expressed the hope that the great success of the Prince of Wales' Indian Collection might lead to the formation of similar collections from other parts of the Empire. It was decided to arrange for a special exhibition of animals from Australia and New Zealand on the Prince of Wales' ground in the North Garden in the summer of 1908. The preliminary negotiations for this were successful, and in December, 1907, Mr. David Seth-Smith, a member of Council, went to Australia to complete the arrangements and to return in charge of the collection. Early in 1908, J. Shelley, keeper, and H. Vinall, helper, proceeded to Australia in charge of a number of animals sent out from this Society to several of the Australian Gardens, and to return with Mr. Seth-Smith.

The collection left Australia early in April, 1908, by the White Star Liner 'Persic,' from Sydney for London, and the animals in the following list arrived at the Gardens on 9th June, 1908:—

MAMMALS AND BIRDS.

Received in Exchange from the WESTERN AUSTRALIA
ACCLIMATISATION SOCIETY.

2 Dingos (White).	<i>Canis dingo.</i>
1 Red Kangaroo.	<i>Macropus rufus.</i>
4 W.-Australian Gt. Kangaroos.	„ <i>giganteus.</i>
1 Great Kangaroo (White).	„ „ var.
1 Short-tailed Wallaby.	„ <i>brachyurus.</i>
1 Agile Wallaby.	„ <i>agilis.</i>
1 Dama Wallaby.	„ <i>eugenei.</i>
1 Black-gloved Wallaby.	„ <i>irma.</i>
2 Woodward's Kangaroos.	„ <i>woodwardi, ♂ ♀</i>
3 Nail-tailed Wallabies.	<i>Onychogale unguifera.</i>
2 Brush-tailed Rat-Kangaroos.	<i>Bettongia penicillata.</i>
*1 Broad-faced Rat-Kangaroo.	<i>Potorous platyops.</i>
2 Maugé's Dasyures.	<i>Dasyurus viverrinus.</i>
4 Vulpine Opossums.	<i>Trichosurus vulpecula.</i>
1 Hybrid Opossum.	<i>T. vulpecula</i> × <i>T. fuliginosus.</i>
1 Echidna.	<i>Tachyglossus aculeatus.</i>
3 Emus.	<i>Dromæus novæ-hollandiæ.</i>

* New to the Collection.

2 Winking Owls.	<i>Hieracoglaux connivens.</i>
1 Nankeen Kestrel.	<i>Tinnunculus cenchroides.</i>
1 Berigora Hawk.	<i>Hieracidea berigora.</i>
2 Eyton's Tree-Ducks.	<i>Dendrocygna eytoni.</i>
2 Black-backed Porphyrios.	<i>Porphyrio melanotus.</i>
2 Buff Laughing Kingfishers.	<i>Dacelo cervina.</i>
2 Tasmanian Piping Crows.	<i>Gymnorhina organicum?</i>
1 Australian Bustard.	<i>Eupodotis australis, ♀</i>
1 Red-collared Lorikeet.	<i>Trichoglossus rubritorques.</i>
2 Ganga Cockatoos.	<i>Callocephalon galeatum.</i>
4 Banks's Black Cockatoos.	<i>Calyptorhynchus banksi.</i>
1 Alexandra's Parrakeet.	<i>Polytelis alexandrae, ♂.</i>
6 Yellow-collared Parrakeets	<i>Platycercus semitorquatus.</i>
1 Pileated Parrakeet.	" <i>pileatus.</i>
4 Stanley Parrakeets.	" <i>icterotis.</i>
3 Blood-rumped Parrakeets.	<i>Psephotus hæmatonotus.</i>
1 Blue-bonnet Parrakeet.	" <i>hæmatorhous.</i>
4 Cockateels.	<i>Calopsittacus novæ-hollandiæ.</i>
1 King Parrot.	<i>Aprosmictus cyanopygius.</i>
1 Black-tailed Parrakeet.	<i>Polytelis melanura.</i>
2 Bronze-winged Pigeons.	<i>Phaps chalcoptera.</i>
1 Brush Bronze-winged Pigeon.	" <i>elegans.</i>
2 Musk-Ducks.	<i>Biziura lobata.</i>

Presented by the GOVERNMENT OF NEW SOUTH WALES.

1 Great Kangaroo.	<i>Macropus giganteus.</i>
2 Rufous-necked Wallabies.	" <i>ruficollis.</i>
4 Black Wallaroos.	" <i>robustus.</i>
4 Brush-tailed Rock Wallabies.	<i>Petrogale penicillata.</i>
6 Bridled Nail-tailed Wallabies.	<i>Onychogale frenata.</i>
1 Rabbit-eared Bandicoot.	<i>Thalacomys lagotis.</i>
2 Rufous Rat-Kangaroos.	<i>Æpyprymnus rufescens.</i>
2 Brush-tailed Rat-Kangaroos.	<i>Bettongia penicillata.</i>
*1 Long-nosed Bandicoot.	<i>Perameles nasuta.</i>
3 Short-headed Flying Phalangiers.	<i>Petaurus breviceps.</i>
1 Common Wombat.	<i>Phascolomys mitchelli.</i>
13 Maugé's Dasyures.	<i>Dasyurus viverrinus.</i>
2 Spotted-tailed Dasyures.	" <i>maculatus.</i>
*2 Pouched Mice.	<i>Phascogale flavipes.</i>
3 Echidnas.	<i>Tachyglossus aculeatus.</i>
1 Eyton's Tree-Duck.	<i>Dendrocygna eytoni.</i>
4 Wandering Tree-Ducks.	" <i>arcuata.</i>
3 Rajah Sheldrakes.	<i>Tadorna radjah.</i>
2 Maned Geese.	<i>Chenonetta jubata.</i>
2 Black-and-White Geese.	<i>Anseranas semipalmata.</i>
2 Black Swans.	<i>Cygnus atratus.</i>
2 White-fronted Herons.	<i>Ardea novæ-hollandiæ.</i>
1 Boobook Owl.	<i>Ninox boobook.</i>
1 White Goshawk.	<i>Astur novæ-hollandiæ.</i>
1 Wedge-tailed Eagle.	<i>Aquila audax.</i>
1 Australian Bustard.	<i>Eupodotis australis, ♂.</i>

* New to the Collection.

9 Parrot-Finches.	<i>Erythrura psittacea.</i>
4 Garrulous Honey-eaters.	<i>Myzantha garrula.</i>
8 Chinese Quails.	<i>Coturnix chinensis.</i>
3 Varied Hemipodes.	<i>Turnix varia.</i>
3 Black-backed Piping Crows.	<i>Gymnorhina tibicen.</i>
4 Australian Thicknees.	<i>Edicnemus gallarius.</i>
2 Black-tailed Water-Hens.	<i>Tribonyx ventralis.</i>
4 King Parrots.	<i>Aprosmictus cyanopygius.</i>
1 Banks's Black Cockatoo.	<i>Calyptrorhynchus banksi.</i>
1 Cuvier's Podargus.	<i>Podargus cuvieri.</i>
*3 Blue Wrens.	<i>Malurus cyaneus.</i>
*2 Black-and-White Fantails.	<i>Rhipidura tricolor.</i>
*1 Tree-Runner.	<i>Climacteris scandens?</i>
1 Coach-whip Bird.	<i>Psopodes crepitans.</i>
7 Sacred Kingfishers.	<i>Halcyon sancta.</i>
1 Leach's Laughing Kingfisher.	<i>Dacelo leachi.</i>
2 Wattled Peewits.	<i>Lobivanellus lobatus.</i>
1 Black-breasted Peewit.	<i>Sarciophorus pectoralis.</i>

Presented by the GOVERNMENT OF NEW ZEALAND.

3 Kiwis.	<i>Apteryx australis.</i>
3 Mountain Ka-Kas.	<i>Nestor notabilis.</i>
2 Variegated Sheldrakes.	<i>Tadorna variegata.</i>
6 Australian Wild Ducks.	<i>Anas superciliosa.</i>
3 Earl's Weka Rails.	<i>Ocydromus earli.</i>

*Received in Exchange from the ZOOLOGICAL SOCIETY OF
NEW SOUTH WALES.*

2 Agile Wallabies.	<i>Macropus agilis.</i>
2 Short-headed Flying Phalangers	<i>Petaurus breviceps.</i>
7 Maugé's Dasyures.	<i>Dasyurus viverrinus.</i>
6 Pied Grallinas.	<i>Grallina australis.</i>
1 Cuvier's Podargus.	<i>Podargus cuvieri.</i>
*1 Cuckoo-Shrike.	<i>Graucalus mentalis.</i>
*1 Australian Oriole.	<i>Sphecotheres australis?</i>
1 Long-billed Butcher-Crow.	<i>Barita destructor.</i>
1 Pectoral Rail.	<i>Rallus pectoralis.</i>
2 Japanese Teal.	<i>Querquedula formosa, ♂ ♀.</i>

Received in Exchange from the ZOOLOGICAL SOCIETY OF VICTORIA.

2 Red Kangaroos.	<i>Macropus rufus.</i>
2 Great Kangaroos.	„ <i>giganteus.</i>
2 Bennett's Wallabies.	„ <i>bennetti.</i>
2 Black Wallabies.	„ <i>ualabatus.</i>
4 Black-striped Wallabies.	„ <i>dorsalis.</i>
2 Bridled Nail-tailed Wallabies.	<i>Onychogale frenata.</i>
3 Common Wombats.	<i>Phascalomys mitchelli.</i>
2 Tasmanian Devils.	<i>Sarcophilus satanicus.</i>

* New to the Collection.

4 Dingos.	<i>Canis dingo.</i>
2 Emus.	<i>Dromæus novæ-hollandiæ.</i>
4 Cereopsis Geese.	<i>Cereopsis novæ-hollandiæ.</i>
4 Australian Pelicans.	<i>Pelecanus conspicillatus.</i>
2 Australian Cranes.	<i>Grus australasiana.</i>
4 Australian Sacred Ibises.	<i>Ibis strictipennis.</i>
4 Wedge-tailed Eagles.	<i>Aquila audax.</i>
3 Boobook Owls.	<i>Ninox boobook.</i>
5 Laughing Kingfishers.	<i>Dacelo gigantea.</i>
1 Partridge Bronze-wing Pigeon	<i>Geophaps scripta.</i>
4 Brush-Turkeys.	<i>Talegalla lathamii.</i>
4 White-backed Piping Crows.	<i>Gymnorhina leuconota.</i>
2 Wattled Peewits.	<i>Lobivanellus lobatus.</i>

Purchased of MR. J. BEARD, Brisbane.

4 Parry's Kangaroos.	<i>Macropus parryi.</i>
1 Great Kangaroo.	" <i>giganteus.</i>
1 Rufous-necked Wallaby.	" <i>ruficollis.</i>
7 Rufous Rat-Kangaroos.	<i>Æpyprymnus rufescens.</i>
2 Brush-Turkeys.	<i>Talegalla lathamii.</i>
2 Australian Thicknees.	<i>Edicnemus grallarius.</i>
2 Spotted Bower-Birds.	<i>Chlamydodera maculata.</i>
27 Swainson's Lorikeets.	<i>Trichoglossus novæ-hollandiæ.</i>
1 Wedge-tailed Eagle.	<i>Aquila audax</i> (Presented).

Purchased of MRS. ROBERTS, Hobart.

6 Bennett's Wallabies.	<i>Macropus bennetti.</i>
1 Bush Wallaby.	" <i>billardieri.</i>
1 Rufous Rat-Kangaroo.	<i>Æpyprymnus rufescens.</i>
6 Sooty Opossums.	<i>Trichosurus fuliginosus.</i>
2 Vulpine Opossums.	" <i>vulpecula.</i>
4 Short-headed Flying Phalangiers.	<i>Petaurus breviceps.</i>
3 Tasmanian Devils.	<i>Sarcophilus satanicus.</i>
*2 Hairy Echidnas.	<i>Tachyglossus setosus.</i>
3 Cereopsis Geese.	<i>Cereopsis novæ-hollandiæ.</i>
2 Chestnut-breasted Ducks.	<i>Nettion castaneum.</i>
1 Sooty Crow-Shrike.	<i>Strepera fuliginosa.</i>
4 Maned Geese.	<i>Chenonetta jubata.</i>
1 Yellow-bellied Parrakeet.	<i>Platycercus flaviventris.</i>
1 White Goshawk.	<i>Astur novæ-hollandiæ.</i>
1 Allied Goshawk.	" <i>approximans.</i>
1 Wedge-tailed Eagle.	<i>Aquila audax.</i>
1 White-bellied Sea-Eagle.	<i>Haliaëtus leucogaster.</i>
1 Gould's Harrier.	<i>Circus gouldi.</i>
1 Nankeen Kestrel.	<i>Tinnunculus cenchroides.</i>
1 Mortier's Water-Hen.	<i>Tribonyx mortieri.</i>

Purchased of MR. COOPER, Melbourne.

7 Satin Bower-Birds.	<i>Ptilonorhynchus violaceus.</i>
6 Blood-rumped Parrakeets.	<i>Psephotus hæmatonotus.</i>
4 Rose-Hill Parrakeets.	<i>Platycercus eximius.</i>
2 Leadbeater's Cockatoos.	<i>Cacatua leadbeateri.</i>

* New to the Collection.

Purchased of MR. BUTCHER, Sydney.

1 Great Wallaroo.	<i>Macropus robustus.</i>
5 Echidnas.	<i>Tachyglossus aculeatus.</i>
*6 Yellow-throated Honey-eaters.	<i>Myzantha flavigula.</i>
2 Blue-faced Honey-eaters.	<i>Entomyza cyanotis.</i>
4 Leach's Laughing Kingfishers.	<i>Dacelo leachi.</i>
1 Australian Cassowary.	<i>Casuarius australis.</i>

Purchased of MR. McPHERSON, Sydney.

2 Spotted Bower-Birds.	<i>Chlamydodera maculata.</i>
4 Blood-breasted Pigeons.	<i>Phlogænas luzonica.</i>
*4 Japanese Hawfinches.	<i>Coccothraustes robustus.</i>

Purchased of MR. J. NEWELL, Melbourne.

*1 Harmonious Shrike-Thrush.	<i>Collyriocinclia harmonica.</i>
*4 Spiny-cheeked Honey-eaters.	<i>Acanthogenys rufigularis.</i>
*1 Spine-billed Honey-eater.	<i>Acanthorhynchus tenuirostris.</i>
*5 New-Holland Honey-eaters.	<i>Meliphaga novæ-hollandiæ.</i>
*3 Lewin's Honey-eaters.	<i>Ptilotis chrysotis.</i>
*8 White-plumed Honey-eaters.	„ <i>penicillatus.</i>
*4 White-eared Honey-eaters.	„ <i>leucotis.</i>
1 Fuscous Honey-eater.	„ <i>fusca.</i>
*1 Yellow-faced Honey-eater.	„ <i>chrysops.</i>
*1 Fulvous-fronted Honey-eater.	<i>Glyciphila fulvifrons?</i>
2 Peaceful Doves.	<i>Geopelia tranquilla.</i>
4 Australian Waxbills.	<i>Estrela temporalis.</i>

Purchased of MR. E. HULME, Melbourne.

2 Bourke's Parrakeets.	<i>Neophema bourkii.</i>
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Presented by MR. H. BURRELL, Manilla, N.S.W.

2 Golden-bellied Beaver-Rats.	<i>Hydromys chrysogaster.</i>
1 Brush-tailed Rock-Wallaby.	<i>Petrogale penicillata.</i>
1 Rufous Rat-Kangaroo.	<i>Æpyprymnus rufescens.</i>

Presented by MR. F. GIBSON.

1 Rabbit-eared Bandicoot.	<i>Thalacomys lagotis.</i>
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Presented by MR. W. MURRAY, Wingham, N.S.W.

1 Dingo.	<i>Canis dingo.</i>
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Presented by MR. W. H. L. WHITE, Scone, N.S.W.

2 Peaceful Doves.	<i>Geopelia tranquilla.</i>
1 White-fronted Heron.	<i>Ardea novæ-hollandiæ.</i>
*2 Shoveller-Ducks.	<i>Spatula rhynchotus.</i>

* New to the Collection.

Presented by MR. A. E. RALSTON, K.C., Sydney.

- 1 Brush-Turkey *Talegalla lathamii.*

Deposited by COUNT MORNER, Swedish Consul in Sydney.

- 2 Black-striped Wallabies. *Macropus dorsalis.*
2 Bridled Nail-tailed Wallabies. *Onychogale frenata.*

*Presented by MR. FALKINER, Boonooke Station,
via Deniliquin, N.S.W.*

- 1 Merino Ram. *Ovis aries, var.*

REPTILES.

Received in Exchange from the

ZOOLOGICAL SOCIETY OF NEW SOUTH WALES.

- 3 Gould's Monitors. *Varanus gouldii.*
2 Diamond Pythons. *Python spilotes.*
3 Purplish Death-Adders. *Pseudechis porphyriacus.*
1 Tiger-Snake. *Brachyaspis curta.*
1 Death-Adder. *Acanthophis antarcticus.*
*2 Diademed Snakes. *Pseudelaps diadema.*

Presented by the GOVERNMENT OF NEW SOUTH WALES.

- 12 Long-necked Terrapins. *Chelodina longicollis.*
2 Major Skinks. *Egernia major.*
1 Cunningham's Skink. " *cunninghamii.*
2 White's Skinks. " *whitii.*
5 Bearded Lizards. *Amphibolurus barbatus.*
6 Muricated Lizards. " *muricatus.*
*1 Swan River Lizard. " *decesi.*
2 Blue-tongued Lizards. *Tiliqua scincoides.*

Presented by MR. G. S. COOK, N.S.W.

- 1 Diamond Python. *Python spilotes.*

Presented by MR. J. NEWELL, Melbourne.

- 4 Stump-tailed Lizards. *Trachysaurus rugosus.*
6 Blue-tongued Lizards. *Tiliqua scincoides.*

Deposited by COUNT MORNER.

- 2 Tuatera Lizards. *Sphenodon punctatus.*

* New to the Collection.

Purchased from MR. BUTCHER, Sydney.

2 Gould's Monitors.	<i>Varanus gouldi.</i>
15 Bearded Lizards.	<i>Amphibolurus barbatus.</i>

Received in Exchange from the ZOOLOGICAL SOCIETY OF VICTORIA.

2 Purplish Death Adders.	<i>Pseudechis porphyriacus.</i>
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Purchased of MR. J. BEARD, Brisbane.

2 Gould's Monitors.	<i>Varanus gouldi.</i>
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*Received in Exchange from the WESTERN AUSTRALIA
ACCLIMATISATION SOCIETY.*

5 Lace Monitors.	<i>Varanus varius.</i>
7 Stump-tailed Lizards.	<i>Trachysaurus rugosus.</i>
4 Blue-tongued Lizards.	<i>Tiliqua scincoides.</i>
4 Bearded Lizards.	<i>Amphibolurus barbatus.</i>
*3 Naked-toed Lizards.	<i>Gymnodactylus milisi.</i>
1 Moloch Lizard.	<i>Moloch horridus.</i>
2 Diamond Pythons.	<i>Python spilotes.</i>

Presented by the GOVERNMENT OF NEW ZEALAND.

4 Tuatera Lizards.	<i>Sphenodon punctatus.</i>
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* New to the Collection.

The greater part of the collection was placed on the Prince of Wales' Ground in the North Garden, and was exhibited partly in the new Reception Houses and partly in temporary enclosures and sheds. It was maintained as a separate exhibition until late in autumn, when a number of duplicates were disposed of by sale or exchange, and the remaining animals placed in their appropriate places in the general collection.

In connection with the Australian and New Zealand Collection, the Council desire to record the thanks of the Society to the Governments of New South Wales and New Zealand, the Acclimatisation Society of Western Australia, the Zoological Society of New South Wales, the Zoological Society of Victoria, to Mrs. Roberts, of Hobart, Tasmania (who has subsequently been elected a Corresponding Member of the Society); Mr. H. Burrell, Manilla, N.S.W.; Mr. G. S. Cook, N.S.W.; Mr. Falkiner, Boonooke Station, N.S.W.; Mr. F. Gibson; Mr. W.

Murray, Wingham, N.S.W.; Mr. S. Newell, Melbourne; Mr. A. E. Ralston, K.C., Sydney; and Mr. W. H. L. White, Scone, N.S.W.

The Council also desire to record their thanks to Mr. David Seth-Smith, on whom the Silver Medal of the Society was conferred in acknowledgment of his valuable services. Gratuities were made to Shelley and Vinall, the keeper and helper from the Society's Gardens, in consideration of their diligence and success during the voyages to Australia and home.

The Australian and New Zealand Collection was of strictly zoological rather than of popular interest, and did not contain any animals that would naturally attract great attention. In the earlier part of the season, the Franco-British Exhibition was a formidable rival attraction, and it cannot be said that this collection was so successful as a public attraction as the Prince of Wales' Indian Collection in 1906. It made, however, a very important addition to the Society's collection, and it renewed friendly relations between this Society and kindred Societies in a distant part of the Empire. The Council have decided to continue their scheme of biennial exhibitions from different parts of the British Empire, and hope to arrange for the formation of a collection from South Africa to be exhibited at the Gardens in the summer of 1910.

COLLECTION OF BIRDS OF PARADISE.

In co-operation with Sir William Ingram, Bart., and with the kind assistance of the Government of the Commonwealth of Australia, the Society arranged for the formation of a Collection of Birds-of-Paradise. The collectors employed were Mr. W. Stalker and Mr. C. B. Horsbrugh, and these gentlemen were so successful that the Society was able to exhibit in the course of the summer sixty-one Birds-of-Paradise, belonging to eleven species. The Council desire to record the thanks of the Society to the Government of the Commonwealth, and to Sir William Ingram, Bart., who was elected an Honorary Life Fellow, and on whom the Society's Silver Medal was conferred in the course of the year.

COLLECTION OF INDIAN CATTLE.

Owing to the generosity of the President, the Society received in May a collection of twenty-one Indian domestic cattle, containing magnificent examples of five distinct breeds.

NEW WORKS AND REPAIRS.

NORTH GARDEN.

RECEPTION HOUSES.—Although the Council had intended not to proceed with any large new building in the course of 1908, it was found advisable early in the year to replace the temporary sheds on the Prince of Wales' ground by more permanent structures. Accordingly two buildings, each about 121 feet long by 30 feet wide, were put in hand. Each building contains a service passage at the back, a number of covered wire-enclosed shelters for animals, communicating with open-air wire-enclosed runs. Accommodation for stores and keepers is provided, and one of the two buildings is heated by a hot-water system. The buildings were designed to be suitable for almost any kind of animal except those of great size. They were finished in time to house a great part of the Australian collection, and will be useful for similar collections in future. Their permanent purpose is, however, to serve as a kind of quarantine station, in which new arrivals to the Gardens may be placed, and kept under observation for some weeks before they are put in the general collection. New arrivals frequently require special attention, and not infrequently have introduced diseases into the Gardens.

CANAL BANK.—This was made up in terraces, supported by concrete piers and groins. The wire enclosures on the slope were repaired and put in thorough order, and a new enclosure with stone-work was made for the Rock-Wallabies.

INSECT-HOUSE.—This was cleaned and thoroughly repaired and painted within and without.

OWLS' CAGES.—These were cleaned out and re-painted.

MOUSE-HOUSE.—The old building, originally a Tortoise-House, and recently used as a Cranes' Winter-House,

was restored, the heating system being made good, and was fitted with cages for small mammals such as mice, many of which for want of space had been put in the Insect-House.

HEAD GARDENER'S HOUSE.—This was repaired, the ceilings being white-washed and the kitchen walls dis-tempered.

MIDDLE GARDEN.

CANAL-BANK.—A serious settlement of this bank took place behind the Service Yard and Giraffe-House. A series of deep pits were dug and filled with concrete; the surface drains were put in order, and the bank, flower-beds and paths were made up.

ELEPHANT-HOUSE.—A number of repairs chiefly to the brickwork were made.

HIPPOTAMUS-HOUSE.—The concrete floor between the large out-door tank and the house was repaired and relaid with cork-asphalte tiles. This material is much warmer and drier for the animals, and appears to wear well. The rain-water from the roofs of this house and of the adjoining Giraffe- and Zebra-Houses was diverted to form a soft-water supply for the Hippopotamus Tank.

SUPERINTENDENT'S HOUSE.—The ceilings were washed, and rooms and passages papered and painted.

DEER-SHEDS.—The doors, brickwork and floors have been cleaned and repaired, and the woodwork and iron-work repaired and tar-varnished.

BRUSH-TURKEYS' ENCLOSURE.—This has been cleaned and repaired, and the old netting replaced by wire netting.

CAGES OUTSIDE SQUIRREL-HOUSE.—These small cages have been thoroughly cleaned and restored and altered so as to make a smaller number of larger compartments.

KANGAROO-PADDOCK.—The wire-work fence has been repaired, cleaned and tar-varnished.

SOUTH GARDEN.

NEW GROUND.—The fencing of the extension of the Gardens granted in 1907 was completed early in the year 1908. The narrow strip extending from the Reptile-

House to the Swines' House was protected by a double fence consisting of a six-foot high unclimbable iron railing along the Park boundary and separated by a gangway from the inner retaining fence. This arrangement, as was hoped, has proved a sufficient protection both to the public in the Park and to our animals. The strip was divided into a series of paddocks, each with a shelter for the animals. The rock-work of the old Bharal Sheep Yard, which is nearly midway in this new ground, was greatly improved. According to the arrangement made with the First Commissioner of H.M. Works the paddocks in this strip have been laid out so that the animals placed in them are visible to the public in the Parks. This arrangement has been carefully observed, and appears to have been to the advantage both of the public and the Society. As the ground in these paddocks is undrained, it has been necessary to remove some of the animals during winter, but early in Spring they will be replaced.

The wider area of new ground, lying to the west of the South Garden, was granted to the Society without restriction. It has been fenced in, and a hedge planted inside the railings. Part of it has been used temporarily as a paddock for kangaroos and *Cereopsis* geese, but the development of this large area cannot be proceeded with until funds are available. A path has been made round it, but it will be thrown into open continuity with the South Garden by removal of the Swines' and Rodents' Houses and the Prosectorium as soon as the finances of the Society permit.

WOLVES' AND FOXES' DENS.—This old and sunless structure has been converted into a most useful building by important structural alterations. A service passage was formed through the old sleeping dens; new wooden sleeping boxes were placed in the old dens, and on the south side, exposed to the sun, a series of new wire-covered cages were constructed. The roof of the service passage and the new brick sleeping-dens were utilized as platforms on which the animals could lie, and apertures were formed by which the old dens and the new cages were put in free communication.

WESTERN AVIARY.—Owing to suggestions from the Pathologist, the floors in this building were taken up, and

the extensive spaces lying under them, which were found to be filled with dust and organic refuse, were cleaned out and filled in. The compartments were cleaned and lime-washed and the roof repaired.

MANDRILL'S CAGE.—The small cage outside the Monkey-House occupied by this fine animal was more than doubled in size.

MONKEY-HOUSE.—The glass in the roof was taken out and refixed on asbestos bedding.

APES' HOUSE.—The galvanized wire netting at the top of the cages was replaced by interlinked wire-netting, and one of the cages was sub-divided to make room for the two large oranges.

SEAL-POND PLATFORM.—The sloping front was replaced by concrete steps giving additional accommodation for visitors.

ANTELOPE-HOUSE.—New ventilators were placed, the top-lights were improved and the interior was cleaned, lime-washed and painted.

LION-HOUSE.—The woodwork of the windows and skylights was repaired and painted, and the ventilation of the service passage was improved.

SWANS' ENCLOSURES.—These were re-wired.

CATTLE-HOUSE.—The Cork-Asphalte Company agreed to lay down, free of cost, a flooring of cork-asphalte tiles in one of the compartments. The success of this material in the Cattle Sheds and the Hippopotamus Yard will lead to its increased use in the Gardens. It is not a cheap flooring, but it appears to be durable, and it is much warmer and drier than asphalte or concrete, and appears to be almost non-absorbent.

WADERS' AVIARY.—All the birds were removed from this during extensive cleaning and repairing. The sheds and wire-work were cleaned and tar-varnished; the pond was cleaned out, the shrubs thinned, and the very large population of mice practically exterminated.

EASTERN AVIARY.—The roof of the flight-cages was re-wired and all the iron-work and wire-work repaired and tar-varnished.

BARBARY SHEEP-YARD.—The shed and iron-work were repaired and tarred.

SMALL BIRDS' HOUSE.—The exterior, which had been painted too soon after its erection, was cleaned down and re-painted. The interior was cleaned and white-washed. The small cages were taken down in series and thoroughly disinfected, cleaned and re-painted. Some of the larger flight cages were sub-divided for the accommodation of the large collection of Birds-of-Paradise. Many of the small tropical birds in this house require artificial light by which to feed during the long hours of darkness in the English winter. To prevent too great disturbance and the ingress of cold air when the night-watchmen came in to light the gas early in the mornings, six new lights have been fixed with bye-passes and an arrangement of plugs and pneumatic tubing by which the lights can be turned on without entering the house.

HYÆNAS' AND BEARS' DENS.—The glass-work of the verandah has been renewed.

DIVING BIRDS' HOUSE.—The roof-lights have been repaired and new gear provided; the wire-work has been renewed.

OSTRICH-RUNS.—The old turf runs, which were in a sodden and unhealthy state, have been dug out and replaced by drained brick rubble covered with cinders.

ASSISTANT SUPERINTENDENT'S HOUSE.—Three rooms and the passages have been papered and painted.

REFRESHMENT-DEPARTMENT.—Extensive repairs, renewals, cleaning and painting were carried out before Easter.

MAIN ENTRANCE.—The semi-circular area opposite this, used as a stand by private carriages and motor cars, was drained and made up.

MINOR WORKS.—A large number of minor repairs and improvements to buildings, enclosures and paths were done throughout the Gardens. Practically all the iron-work and wire-work throughout the Gardens was cleaned and tar-varnished. Formerly most of this was painted, and

as three coats had to be put on, the process was costly and tedious. The use of tar-varnish will make it possible for most of this work to be done annually.

DESTRUCTOR.—With the active sympathy of the local Medical Officer of Health and the District-Surveyor, the Council attempted to dispose of the refuse of the Gardens by the use of a Destructor. It was found that however much care was used, the process was extremely costly and occasionally offensive. The use of the Destructor had to be discontinued, but better arrangements were made for the removal of refuse, which is now placed directly in vans and removed from the Gardens daily.

GARDENING DEPARTMENT.—Under the capable superintendence of Mr. John Young, the Society's Head Gardener, the high character of our floral display was well maintained, and a large amount of planting and of laying out was performed.

NEW WORKS IN PROGRESS.

The most pressing need at the Gardens is a House to serve as an Infirmary or Sanatorium to which sick animals may be removed from the disturbance of visitors, and from other animals. The Garden Committee were engaged on the plans for such a building throughout the greater part of 1908, and the Council sanctioned its construction early in the present year. The building is to be placed in the yard behind the Reptile-House, and there will be constructed at the same time an Operating Room, a *Post-mortem* Room, and a new Laboratory for anatomical and pathological work. A single heating station will supply these buildings, and at the same time effect a much-needed improvement in the heating of the Reptile- and Tortoise-Houses. The new Sanatorium together with the Reception House ought to provide means for great improvement in the health of the animals, and the new *Post-mortem* Room and Laboratories, besides giving the necessary increased accommodation for these purposes, will make it possible to clear the site which now blocks the way to the new ground. These works will make a heavy drain on the

resources of the Society for 1909, and will probably cause an increase in the deficit at the end of the year, so that it is impossible in the present state of the finances to proceed with the construction of better accommodation for the Bears, Lemurs, and Birds-of-Prey, all of which are urgently needed. In the meantime, besides the ordinary maintenance of the Buildings, some minor improvements are in hand. The clay is being dug out from the Cattle-yards and new Paddocks, and is being replaced by brick rubble and cinders; various alterations in fencing, to secure children more effectively from danger, are being made, but these are designed so as not to obstruct the view of visitors; improvements in the alignment of walks and enclosures are in progress; and the Out-door Flight Cages to the Small Birds' House are being extended for the Birds-of-Paradise.

STAFF AT THE GARDENS.

The Superintendent.

The Prosector.

The Pathologist.

Menagerie.

1 Assistant Superintendent.	2 Butchers.
1 Head Keeper.	2 Stokers.
21 Keepers	2 Night-Watchmen.
33 Helpers.	3 Money Takers.
1 Stableman.	1 Office Clerk.
1 Storekeeper.	1 Office Boy.
1 Assistant Storekeeper.	1 Time-keeper.
1 Engine-driver.	1 Housekeeper.

Works.

1 Clerk of the Works.	2 Wireworkers.
3 Carpenters.	1 Networker.
1 Bricklayer.	3 Painters (average).
1 Smith.	10 Labourers.

Gardens.

1 Head Gardener.	|	13 Garden Labourers.
1 Propagator.		1 Boy.
1 Assistant Propagator.		

Prosectorium.

1 Assistant.		2 Boys.
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The permanent staff, reduced in 1907, has been kept as low as possible, additional men being taken on for special jobs as required.

The Council, as reported last year, having carefully considered the responsibilities of the Society under the new Workmen's Compensation Act, and having received proposals from various Insurance Corporations, decided that the Society should carry its own liability. It was arranged to place £25 each year to a special reserve account towards a fund to meet any unusual contingencies. Fortunately there has been no occasion as yet to draw on this fund, and it is proposed to allow it to increase annually.

VISITORS.

Taking into consideration the many counter attractions in London last summer, the number of Visitors to the Society's Gardens was very satisfactory, and well above the average of the past five years. It will be seen from the statement following that the total number of visitors admitted amounted to 861,586. The decrease of 2,367 as compared with the previous year may be attributed to the smaller number of excursionists on the cheap days, as the actual receipts for admission at the gates exceeded those of the year 1907 by the sum of £117. There was a considerable decrease in numbers and receipts until well on in the summer, and this was probably due to the great attraction of the Franco-British Exhibition. Later in the year, when foreign and country visitors became more numerous, our returns more than recovered the lost ground.

The following table summarises the different classes of visitors to the Gardens during the past two years :—

	1907.	1908.	Comparison.
Fellows and Companions (Signatures)	36,396	35,575	Dec. 821
Do. Saturday orders	7,270	6,136	Dec. 1,134
Do. Sunday orders	40,657	39,141	Dec. 1,516
Do. Green tickets	117,805	120,937	Inc. 3,132
Do. Buff tickets (Children) ..	17,495	17,207	Dec. 288
Do. Ivory tickets	1,108	1,099	Dec. 9
Honorary Admission tickets	1,248	1,378	Inc. 130
Red tickets (Complimentary) ...	1,254	1,228	Dec. 26
Artists' tickets	308	319	Inc. 11
Excursion tickets (reduced price) ...	7,098	4,852	Dec. 2,246
Single tickets sold in office at ordinary price	632	475	Dec. 157
Paying visitors at 1s. each	236,695	247,313	Inc. 10,618
Do. do. Mondays and other days at 6d. each	300,058	292,578	Dec. 7,480
Do. do. Children at 6d. each	65,431	57,273	Dec. 8,158
Staff	90	128	Inc. 38
Children from rate-aided Schools ...	20,272	26,685	Inc. 6,413
Police	10,136	8,905	Dec. 1,231
Railway tickets	—	357	Inc. 357
	<u>863,953</u>	<u>861,586</u>	Net Dec. 2,367

The number of Visitors paying at the turnstiles amounted to 597,521, showing a decrease of 4,663 as compared with the year 1907.

There was a marked increase in the number of children from Council and Grant-aided Schools admitted into the Society's Gardens under the recent system of cheap orders.

The total number of Sunday visitors during the year 1908 was 141,044, showing an increase of 1,972 as compared with the previous year.

NUMBER OF VISITORS ON BANK-HOLIDAYS.

The total number of visitors admitted upon the three principal Bank-Holidays in 1908 amounted to 92,666, a decrease of 5,214 as compared with the corresponding holidays of the previous year.

	1907.	1908.
Easter Monday...	36,110 (Fine)	36,250 (Unsettled)
Whit-Monday ...	37,960 (Unsettled)	33,789 (Very fine)
First Monday in August	23,810 (Fair)	22,627 (Very fine)

The number of visitors to the Society's Gardens in every year since their opening in 1828 is given in the subjoined table :—

Number of Visitors to the Gardens, 1828-1908.

Year.	Number.	Year.	Number.
1828 ...	98,605	1870 ...	573,004
1829 ...	189,913	1871 ...	595,917
1830 ...	223,420	1872 ...	648,088
1831 ...	262,193	1873 ...	713,046
1832 ...	206,652	1874 ...	706,907
1833 ...	211,343	1875 ...	699,918
1834 ...	208,583	(c) 1876 ..	915,764
1835 ...	210,068	1877 ...	781,377
1836 ...	263,372	1878 ...	706,713
1837 ...	173,778	1879 ...	643,000
1838 ...	179,197	1880 ...	675,979
1839 ...	158,432	1881 ...	648,694
1840 ...	141,009	(d) 1882 ...	849,776
1841 ...	132,616	1883 ...	743,485
1842 ...	107,459	1884 ...	745,460
1843 ...	98,280	1885 ...	659,896
1844 ...	101,527	1886 ...	639,674
1845 ...	99,615	1887 ...	562,898
1846 ...	100,045	1888 ...	608,402
1847 ...	93,546	1889 ...	644,579
1848 ...	143,630	1890 ...	640,987
1849 ...	168,895	1891 ...	598,730
1850 ...	360,402	1892 ...	605,718
(a) 1851 ...	667,243	1893 ...	662,649
1852 ...	305,203	1894 ...	625,538
1853 ...	409,076	1895 ...	665,326
1854 ...	407,676	1896 ...	665,004
1855 ...	315,002	1897 ...	717,755
1856 ...	344,184	1898 ...	710,948
1857 ...	339,217	1899 ...	696,707
1858 ...	351,580	1900 ...	697,178
1859 ...	364,356	1901 ...	725,685
1860 ...	394,906	1902 ...	694,496
1861 ...	381,837	1903 ...	657,208
(b) 1862 ...	682,205	1904 ...	706,074
1863 ...	468,700	1905 ...	715,480
1864 ...	507,169	(e) 1906 ...	896,423
1865 ...	525,176	1907 ...	863,953
1866 ...	527,349	(f) 1908 ...	861,586
1867 ...	556,214	(c) Exhibition of H.M. King Edward's Indian Collection.	
1868 ...	573,186	(d) Departure of Elephant "Jumbo."	
1869 ...	572,848	(e) Exhibition of H.R.H. The Prince of Wales's Indian Collection.	
(a) Great Exhibition.		(f) Exhibition of Australian Animals.	
(b) International Exhibition.			

FELLOWS' TICKETS.

The following table, showing the numbers of book- and card-tickets issued in December for use in 1909, indicates the continued preference of Fellows for the green undated tickets of admission to the Gardens.

Saturday Order-Books	...	...	253
Sunday Order-Books	...	...	1,310
Green Cards (Adults)	...	...	186,929
Buff Cards (Children)	...	...	18,182

The green tickets are available on any day, including Sundays, and are not restricted to the year of issue. In the course of the year 201,651 were issued, and of these 120,937 were presented at the gates, nearly two-thirds of that number being used on Sundays. It thus appears that a very large number of still valid green tickets remain in the hands of Fellows, and the Council may have to consider the advisability of limiting the validity of these tickets to the year of issue. At present a very small number of Fellows carry out the excellent practice of returning unused tickets at the end of the year.

EXCURSION AND SCHOOL TICKETS.

The reduced prices now in operation for the admission of Excursion and School parties are as follows:—

ADULTS.	CHILDREN UNDER 12 YEARS.
50 to 100 @ 9 <i>d.</i> each.	50 to 100 @ 5 <i>d.</i> each.
101 to 250 @ 8 <i>d.</i> each.	101 to 250 @ 4 <i>d.</i> each.
251 to 500 @ 7 <i>d.</i> each.	251 and upwards @ 3 <i>d.</i> each.
501 and upwards @ 6 <i>d.</i> each.	

If the date fixed for the proposed visit to the Gardens should be found, through unforeseen circumstances, unsuitable, the Tickets, upon being returned to the Office, may be endorsed for another day during the year of issue.

Special packets of School Excursion Tickets for the admission of 25 School Children (under 14 years of age) and one Teacher, may also be obtained for any fixed date (except Sunday) at the Society's Office, 3, Hanover Square, W., at the reduced price of eleven shillings per packet.

CHEAP ORDERS for the admission of any number from 50 upwards of the children of Council or Grant-aided Schools to the Society's Gardens may be had undated for any day except Saturdays, Sundays and Mondays. The charge for an order to admit 50 Children and 2 Teachers is 5s., and additional numbers may be obtained at the same rate, viz., Children 1d. each, Teachers 5d. each.

All applications for Tickets must be made to the Secretary of the Society, at 3, Hanover Square, London, W. Payment for admission at the reduced prices cannot be accepted at the turnstiles.

MENAGERIE.

Provisions.

The commissariat at the Gardens is of considerable interest. The following table gives the chief items of expenditure paid in 1907 and 1908:—

	1907.			1908.		
	£	s.	d.	£	s.	d.
Hay	656	0	8	633	13	6
Clover	554	0	5	520	14	3
Green-food (Tares, &c.) ...	66	7	0	115	17	4
Oats	233	7	1	303	1	9
Bran	74	14	3	111	4	0
Maize	70	8	3	87	17	9
Grain and Seeds	282	9	0	282	11	2
Fish (Sea)	357	9	5	353	5	1
„ (Freshwater)	123	11	10	113	19	7
Horses	221	1	4	229	6	6
Goats	106	3	6	94	0	4
Beef	90	15	0	121	15	5
Fowls' Heads... ..	71	8	3	70	10	3
Milk	166	10	6	122	0	7
Fruit	398	8	8	500	0	7
Vegetables	177	18	6	188	8	6
Bread	72	6	5	112	6	4
Biscuit	153	16	8	188	1	0
Eggs	98	4	9	107	0	6
Food for Insectivorous Birds, &c.	146	2	9	178	17	3
Miscellaneous	129	1	7	82	13	9
	£4250	5	10	£4517	5	5

Return giving the Quantities of Food-stuffs consumed during 1908:—

Classification.	Description.	Number or Quantity.
Fodder	Hay ...	181 Loads.
"	Clover ...	116 Loads.
"	Straw... ..	170 $\frac{3}{4}$ Loads.
"	Tares ...	13,904 Bundles.
Grain	Oats ...	230 $\frac{1}{2}$ Quarters.
"	Bran ...	173 Quarters.
"	Wheat ...	274 Bushels.
"	Barley ...	164 Bushels.
"	Maize... ..	380 Bushels.
"	Dari ...	46 Bushels.
"	Beans... ..	44 Bushels.
"	Buckwheat ...	52 Bushels.
"	Rice ...	1 Ton, 7 cwt.
Seed	Canary ...	156 Bushels.
"	Hemp ...	88 Bushels.
"	Millet ...	88 $\frac{3}{4}$ Bushels.
"	Millet Spray... ..	11 Bunches.
"	Maw ...	14 lbs.
Fish	Flounders ...	4,026 lbs.
"	Plaice... ..	12,246 lbs.
"	Herrings ...	8,454 lbs.
"	Whiting ...	35,592 lbs.
"	Shrimps ...	2,562 pints.
"	Sprats ...	50 lbs.
Flesh	Horses ...	200, weighing 30,800 stone.
"	Goats ...	159, weighing 797 stone.
"	Beef ...	1,521 $\frac{1}{4}$ stone.
Milk	Condensed ...	1,728 Tins.
"	New ...	12,488 Pints.
Nuts	Spanish ...	19 $\frac{1}{4}$ Pecks.
"	Monkey ...	37 cwt.
"	Brazil... ..	171 lbs.
Fruit	Bananas ...	7,290 dozen.
"	Apples ...	56 Cases.
"	Apples ...	1,302 $\frac{1}{4}$ Pecks.
"	Grapes ...	3,855 lbs.
"	Oranges ...	13,018.
"	Lemons ...	412.

Classification.	Description.	Number or Quantity.
Fruit ...	Dates ...	2,370 $\frac{1}{2}$ lbs.
" ...	Currants ...	183 lbs.
" ...	Figs ...	240 lbs.
" ...	Sultanas ...	309 lbs.
Vegetables...	Lettuce ...	19,674.
" ...	Greens ...	542 Bushels.
" ...	Cress ...	2,569 Bunches.
" ...	Carrots ...	960 Bundles.
" ...	Carrots ...	14,856 lbs.
" ...	Potatoes ...	15,876 lbs.
" ...	Onions ...	55 Bunches.
" ...	Mangolds ...	9 Tons.
" ...	Turnips ...	96.
" ...	Cucumbers ...	36.
Miscellaneous	Biscuits ...	304 cwt.
" ...	Biscuits, Fancy	6 $\frac{1}{8}$ cwt.
" ...	Bread...	6,739 quarterns.
" ...	Eggs ...	29,530.
" ...	Oil Cake ...	1 Ton.
" ...	Meat Extract...	71 2-oz. jars.
" ...	Fowls' Heads...	33,912.
" ...	Sugar ...	528.
" ...	Rabbits ...	197.
" ...	Guinea Pigs ...	36.
" ...	Pigeons ...	266.
" ...	Rats ...	3,603.
" ...	Mice ...	3,143.
" ...	Ducks ...	30.
" ...	Sparrows ...	2,213.

There was a marked increase in most of the quantities as compared with those in 1907.

The increase in the quantity of straw, fodder and grain was due to an addition of 27 animals in May, at the Cattle-Sheds. The increase in the quantity of fruit, vegetables, eggs, seed and biscuits was due to the addition to the Gardens of some 700 Animals, Birds and Reptiles forming the Australian collection in June. A further increase in fruit, principally grapes, was due to the addition of 25 Birds-of-Paradise in July, and a further

addition of 27 in October. The beef was in lieu of horse-flesh, healthy horses suitable for use as food being frequently unobtainable. The increase in the supplies in every case has been officially made with the knowledge and sanction of the Superintendent.

GENERAL CONDITION OF THE ANIMALS.

The general health of the Collection has been good, and the Council hope that it will be further improved when the system of quarantine for new animals has become effective and when the new Sanatorium is in use. In the meantime closer attention is being given to ventilation, heating, disinfection and general cleanliness. The storage of food at the different houses has been revised, new safes and cutting-up boards have been provided, and the old iron food- and water-pans are being replaced by enamelled or earthenware dishes and troughs. The Council realize, however, that the number of stations and of animals has increased with recent additions to the Gardens, and that much remains to be done to bring the administration of the Gardens into a complete state of efficiency. A Special Committee of the Council has been at work for several months, and it is hoped that great improvements may result from this investigation.

List of Mammals bred in the Gardens in 1908.

- 1 Bonnet Macaque (*Macacus sinicus*).
- 1 Red-fronted Lemur (*Lemur rufifrons*).
- 1 Ring-tailed Lemur (*Lemur catta*).
- 1 Red-footed Lemur (*Lemur rufipes*).
- 2 Caracals (*Felis caracal*).
- 6 Dingos, 2 ♂ 4 ♀ (*Canis dingo*).
- 1 Polar Bear ♀ (*Ursus maritimus*).
- 1 Peter's Water-Rat (*Dasymys incomtus*).
- 2 Chinchillas (*Chinchilla lanigera*).
- 1 Hybrid Tibetan Wild Ass (*Equus onager* × *E. hemionus*).
- 3 Hybrid Somali Asses (*Equus somalicus* × *E. asinus*).
- 1 Grévy's Zebra ♂ (*Equus grevyi*).
- 1 English Wild Bull (*Bos taurus*).
- 1 Gynee Cow (*Bos indicus*) (var.)
- 1 Hissar Bull (*Bos indicus*) (var.)
- 2 Mysore Cattle (*Bos indicus*) (var.)

- 1 Eland ♀ (*Taurotragus oryx*).
- 1 Congo Marsh-Buck ♂ (*Limnotragus gratus*).
- 1 Nylghaie (*Boselaphus tragocamelus*).
- 1 Markhoor ♂ (*Capra megaceros*).
- 3 Thars (*Hemitragus jemlaicus*).
- 1 Mouflon (*Ovis musimon*).
- 2 Punjaub Wild Sheep ♂ ♂ (*Ovis vignei*).
- 1 Burrhel Wild Sheep ♀ (*Ovis burrhel*).
- 1 Hybrid Japanese Deer ♂ (*Cervus sika* × *C. tawanus*).
- 1 Barasingha Deer ♂ (*Cervus duvaucelli*).
- 1 Rufous-necked Wallaby (*Macropus ruficollis*).
- 2 Bennett's Wallabies (*Macropus bennetti*).
- 2 Black-striped Wallabies (*Macropus dorsalis*).
- 1 Parry's Kangaroo (*Macropus parryi*).
- 1 Bridled Nail-tailed Wallaby (*Onychogale frenata*).

List of Birds hatched in the Gardens in 1908.

- 1 American Robin (*Turdus migratorius*).
- 2 Budgerigars (*Melopsittacus undulatus*).
- 3 Summer Ducks (*Æx sponsa*).
- 6 Spot-billed Ducks (*Anas pæcilorhyncha*).
- 3 Common Wigeon (*Mareca penelope*).
- 3 Andaman Teal (*Nettion albigulare*).
- 2 Half-collared Turtle-Doves (*Turtur semitorquatus*).
- 1 Graceful Ground-Dove (*Geopelia cuneata*).
- 1 Green-winged Dove (*Chalcophaps indica*).
- 1 Wonga-Wonga Pigeon (*Leucosarcia picata*).
- 2 Common Partridge (*Perdix cinerea*).
- 2 Harlequin Quails (*Coturnix delegorguei*).
- 1 Prince of Wales's Pheasant (*Phasianus principalis*).
- 4 Japanese Pheasants (*Phasianus versicolor*).
- 2 Glittering Pheasants (*Phasianus scintillans*).
- 3 Reeves's Pheasants (*Phasianus reevesi*).
- 3 Amherst Pheasants (*Thaumalea amherstiae*).
- 2 Hybrid Globose Curassows (*Crax globicera* ♂ × *C. hecki* ♀).
- 2 Black-footed Penguins (*Spheniscus demersus*).
- 3 Tataupa Tinamous (*Crypturus tataupa*).

List of Batrachia bred in the Gardens in 1908.

- 30 Axolotls (*Amblystoma tigrinum*).
- 30 Burmese Newts (*Tylotriton verrucosus*).

Additions to the Menagerie in 1908.

The number of Vertebrate Animals living in the Society's Menagerie at the end of 1908 was 3,307. The corresponding number on the 31st of December, 1907, was 3,190, as will be seen by the following Table:—

	December 31.	
	1907.	1908.
Mammals	864	824
Birds	1,677	1,869
Reptiles and Amphibia.....	535	498
Fish.....	114	116
	3,190	3,307

The total number of registered additions to the Menagerie in 1908 was 2,441*, of which 1,347 were acquired by presentation, 374 by purchase, 155 were born in the Gardens, 300 were received on deposit, and 265 obtained in exchange.

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

	Presented.	Purchased.	Born.	Deposited.	Received in Exchange.	Total.
1898	598	327	103	435	32	1495
1899	531	354	82	433	6	1406
1900	586	247	94	994	26	1947
1901	608	234	151	1122	86	2201
1902	502	163	80	956	30	1731
1903	414	59	68	791	41	1373
1904	701	254	177	581	91	1804
1905	860	286	286	1097	202	2731
1906	1156	254	200	1019	139	2768
1907	929	202	187	737	227	2282
1908	1,347	374	155	300	265	2441*

* These figures include the special collection of animals from Australia and New Zealand, referred to on page 29 of this report.

In the following list of the more noteworthy additions to the Menagerie in 1908, special attention may be directed to the Australian collection (see p. 29), the Birds-of-Paradise obtained in association with Sir William Ingram, Bart. (see p. 36), the Indian Cattle, pre-

sented to the Society by the President, and to a fine collection of Birds and Mammals from Venezuela, presented by Mr. Albert Pam, a member of Council.

One Crowned Sifaka (*Propithecus diadema*), from Madagascar, new to the Collection, deposited on Jan. 2nd.

Three Caucasian Ibexes (*Capra cylindricornis*), from Lago-decki, S.E. Caucasus, presented by Prince Paul Demidoff on Jan. 16th.

Two female Greater Birds-of-Paradise (*Paradisea apoda*), from the Aru Islands, presented by Sir William Ingram, Bart., F.Z.S., on Jan. 4th.

One Harpy Eagle (*Thrasaëtus harpyia*), from Venezuela, purchased on Jan. 22nd.

One Three-keeled Terrapin (*Staurotypus triporcatus*), from Guatemala, new to the Collection, received in exchange on Jan. 8th.

One male Orang Utan (*Simia satyrus*), from Deli, Sumatra, presented by Dr. J. C. Graham, F.Z.S., on Feb. 5th.

One male and two female Pronghorn Antelopes (*Antilocapra americana*), from North America, presented by President Theodore Roosevelt on Feb. 4th.

One Pallas's Cat (*Felis manul*), from Tibet, deposited on Feb. 29th.

One Variegated Spider-Monkey (*Ateles variegatus*), one Red Brocket (*Mazama rufa*), and a collection of 63 Birds, including one Scarlet Cardinal (*Cardinalis phæniceus*), four Desmarest's Green Tanagers (*Calliste desmaresti*), two Olive Saltators (*Saltator olivascens*), and five Sonini's Colins (*Eupsychortyx sonini*), new to the Collection, from Venezuela, presented by Albert Pam, Esq., F.Z.S., on Feb. 11th.

A pair of Jaguars (*Felis onca*), from Northern Paraguay, purchased on March 21st.

Two Bay Lynxes (*Felis rufa*), from North America, purchased on March 28th.

Two Himalayan Ibexes (*Capra sibirica*), from Pangi, near Chamba, presented by H.H. The Maharajah of Chamba, on March 27th.

One Red Brocket (*Mazama rufa*), and one Savannah Deer (*Odocoileus americanus savannarum*), from Venezuela, presented by Albert Pam, Esq., F.Z.S., on March 25th.

A Collection of thirty-one birds, including two Red-tailed Guans (*Ortalis ruficauda*), an Ochre-winged Dove (*Leptoptila ochroptera*), and two White-necked Saltators (*Saltator albicollis*) new to the Collection, from Venezuela, presented by Albert Pam, Esq., F.Z.S., on March 25th.

A hybrid between a male Lion (*Felis leo*) and a female Jaguar-Leopard (*Felis onca* × *Felis pardus*), bred in the United States, deposited on April 14th.

One Vaal Reh-bok (*Pelea capreolus*), from the Drakensberg Mountains, presented by Frederick Burgoyne, Esq., F.Z.S., on April 3rd.

Two Secretary Vultures (*Serpentarius secretarius*), from South Africa, purchased on April 21st.

Two Australian Cassowaries (*Casuarus australis*), presented by Sir William Ingram, Bt., F.Z.S., on April 24th.

One Black-faced Chimpanzee (*Anthropopithecus troglodytes*) (var.), ♀, from Sierra Leone, deposited on May 30th.

One Agile Gibbon (*Hylobates agilis*), ♂, from Sarawak, presented by the Earl of Crawford, K.T., F.Z.S., on May 8th.

Three Grévy's Zebras (*Equus grevyi*), ♂ ♂, ♀, from Abyssinia, purchased on May 9th.

Twenty-one Indian domestic Cattle (*Bos indicus*), representing five different breeds, and five Fat-rumped Dumba Sheep (*Ovis aries*), from India, presented by His Grace the Duke of Bedford, K.G., P.Z.S., on May 13th.

A special Collection of 603 Animals from Australia and New Zealand, received at the Gardens on June 9th, comprising 164 Mammals, 332 Birds, and 107 Reptiles, many of which were new to the Collection. (See pp. 29-35.)

One Dent's Cercopitheque (*Cercopithecus denti*), from the Eturi Forest, new to the Collection, received in exchange on June 19th.

One Markhoor (*Capra megaceros*), ♂, born in the Menagerie on June 6th.

Two Somali Ostriches (*Struthio molybdophanes*), ♂ ♀, from Somaliland, purchased on June 15th.

One Swan-Island Capromys (*Capromys thoracatus*), new to the Collection, presented by Dr. Percy R. Lowe on July 17th.

Two Arabian Hyraxes (*Procavia syriaca*), new to the Collection, presented by H.H. The Sultan of Muscat on July 2nd.

One Male Grévy's Zebra (*Equus grevyi*), born in the Menagerie on July 24th.

One Great Ant-eater (*Myrmecophaga jubata*), presented by J. S. da Costa, Esq., on July 25th.

A magnificent Collection of 30 Birds-of-Paradise belonging to six species, new to the Collection, obtained in co-operation with Sir W. Ingram, Bart., F.Z.S., on July 3rd.

One Kiang (*Equus hemionus*), ♂, from Tibet, deposited on Aug. 6th.

One Barasingha Deer (*Cervus duvaucelli*), ♂, born in the Menagerie on Aug. 8th.

One Martial Hawk-Eagle (*Spizaetus bellicosus*), from S. Africa, presented by R. P. Burra, Esq., on Aug. 11th.

One Tiger-Bittern (*Tigrisoma brasiliense*), from Manãos, Brazil, presented by Col. Don Pedro Suarez on Aug. 13th.

Two Aye-Ayes (*Daubentonia madagascariensis*), from Madagascar, purchased on Sept. 12th.

One Tiger (*Felis tigris sondaica*), ♂, from Deli, Sumatra, deposited on Sept. 11th.

One Jaguar (*Felis onca*), from Marajo, presented by G. L. Andrews, Esq., on Sept. 4th.

One Black-rumped Duiker (*Cephalophus melanorheus*), new to the Collection, from Benguela, presented by H. F. Varian, Esq., on Sept. 12th.

Six White-throated Pigeons (*Columba albigularis*), from the Moluccas, deposited on Sept. 24th.

Two South American Mudfish (*Lepidosiren paradoxa*), from Para, new to the Collection, presented by the Goeldi Museum on Sept. 4th.

One Vicuna (*Lama vicugna*), from South America, presented by T. Rome, Esq., on Oct. 16th.

A Collection of 26 Birds-of-Paradise, including 5 Count Raggi's Birds-of-Paradise (*Paradisea raggiana*), 7 Lawes' Birds-of-Paradise (*Parotia lawesi*), 10 Hunstein's Birds-of-Paradise (*Diphyllodes hunsteini*), 1 New Guinea Rifle-bird (*Ptiloris intercedens*), 2 Violet Manucodes (*Phonygama purpureo-violacea*), and 1 Prince Rudolph's Bird-of-Paradise (*Paradisornis rudolphi*), never previously imported, from S.E. New Guinea, deposited by Sir William Ingram, Bart., F.Z.S., on Oct. 5th.

A Collection of Mammals, Birds and Reptiles, including a Black and White Sparrow-Hawk (*Accipiter melanoleucus*), from S. Nigeria, presented by Dr. W. F. Macfarlane, F.Z.S., on Oct. 30th.

Two Walruses (*Odobænus rosmarus*), from Franz Josef Land, purchased on Nov. 23rd.

One Sumatran Civet (*Viverra tangalunga*), from Sumatra, presented by A. R. Heath, Esq., on Nov. 24th.

Two Pardine Genets (*Genetta pardina*), from Warri, Southern Nigeria, presented by E. G. Stevens, Esq., on Nov. 13th.

One Brown Bear (*Ursus arctos*), from Russia, presented by G. Cecil Whitaker, Esq., on Dec. 8th.

Two Mole Rats (*Georhynchus hottentottus*), new to the Collection, from Mashonaland, presented by J. Colliott Darling, Esq., F.Z.S., on Dec. 9th.

Two Labrador Jays (*Perisoreus nigricapillus*), from Labrador, presented by the Rev. W. W. Perrett on Dec. 14th.

One Yellow-billed Sheathbill (*Chionis alba*), from the Falkland Islands, presented by F. W. Tode, Esq., on Dec. 14th.

List of the Genera and Species new to the Collection exhibited during the year 1908.

The following list gives the names of the specimens exhibited in 1908 which are referable to genera or species not included in the last (ninth) edition (1896) of the List of Animals, or in subsequent Annual Reports. It contains 16 Mammals, 44 Birds, 5 Reptiles, 4 Batrachians, and 1 Fish.

The figures placed before each name indicate its approximate position in the List of Animals.

The Council are well aware that the last (ninth) edition of the List of Animals is now considerably out of date. The pressure of more immediately pressing work, and the uncertain existing condition of Zoological nomenclature are the chief reasons weighing against the immediate undertaking of so large a task as the preparation of a new Edition.

I.—MAMMALS.

- 40 a. *Cercopithecus denti* Thos. Dent's Cercopitheque.
Hab. Ituri Forest
 a. Received in exchange, June 19, 1908. See P.Z.S. 1907, i., p. 2, pl. I.

GENUS PROPITHECUS.

- 161 a. *Propithecus diadema* Benn. Crowned Sifaka.
Hab. Madagascar.
 a. Deposited Jan. 9, 1908. See P.Z.S. 1908, i., p. 64.
- 210 a. *Genetta dongolana* Hempr. et Ehrenb. Dongolan Genet.
Hab. Somaliland.
 a. Presented by R. E. Drake-Brockman, Esq., M.R.C.S., F.Z.S., May 16, 1908. From Burao.

- 435 a. *Georychus hottentottus* Less. Mole-Rat.
Hab. Mashonaland.
 a, b. Presented by J. Colliott Darling, Esq., F.Z.S.,
 Dec. 9, 1908.

GENUS ZAPUS.

- 467 a. *Zapus hudsonius* Zimmerm. Jumping Mouse.
Hab. Canada.
 a, b. Deposited, Jan. 7, 1908.
- 474 a. *Capromys thoracatus* True. Swan Island Capromys.
Hab. Swan Island, Caribbean Sea.
 a. Presented by Dr. Percy R. Lowe, July 17, 1908.

GENUS PROCAVIA.

- 516 a. *Procavia syriaca* Schreb. Arabian Hyrax.
Hab. South Arabia.
 a, b. Presented by H.H. The Sultan of Muscat,
 G.C.I.E, July 2, 1908. From Dhofar.
- 559 a. *Cephalophus melanorheus* Gray. Black-rumped
 Duiker.
Hab. Benguela.
 a. Presented by H. F. Varian, Esq., Sept. 12, 1908.
 See P.Z.S. 1908, *ii.*, p. 785.
- 613 a. *Capra cylindricornis* Blyth. Caucasian Ibex.
Hab. Caucasia.
 a, b. Males. c. Female. Presented by Prince Paul
 Demidoff, Jan. 16, 1908. From Lagodecki,
 S.E. Caucasus. See P.Z.S. 1908, *i.*, p. 64.

613 *b. Capra sibirica* Meyer. Himalayan Ibex.

Hab. Himalayas.

a. Male. *b.* Female. Presented by H.H. The Maharajah of Chamba, K.C.S.I., March 27, 1908. From Pangri, near Chamba, India. See P.Z.S. 1908, *i.*, 345.

GENUS ODOCOILEUS.

666 *a. Odocoileus americanus savannarum* Cabanis et Schomb. Savannah Deer.

Hab. Venezuela.

a. Female. Presented by Albert Pam, Esq., F.Z.S., Mar. 25, 1908. See P.Z.S. 1908, *i.*, p. 345.

GENUS PHASCOGALE.

739 *a. Phascogale flavipes* Waterh. Pouched Mouse.

Hab. Australia.

a, b. Presented by the Government of New South Wales, June 9, 1908. See P.Z.S. 1908, *ii.*, p. 783.

740 *a. Potorous platyops* Gould. Broad-faced Rat-Kangaroo.

Hab. Australia.

a. Received in exchange, June 9, 1908. See P.Z.S. 1908, *ii.*, p. 783.

755 *a. Perameles nasuta* E. Geoffr. Long-nosed Bandicoot.

Hab. Australia.

a. Presented by the Government of New South Wales, June 9, 1908. See P.Z.S. 1908, *ii.*, p. 783.

770 *a. Tachyglossus setosus* E. Geoffr. Hairy Echidna.

Hab. Tasmania.

a, b. Purchased, June 9, 1908. See P.Z.S. 1908, *ii.*, p. 783.

II.—BIRDS.

- 44 a. *Mimus orpheus* Linn. Cuban Mocking Bird.
Hab. Cuba.
 a. Deposited, March 26, 1908.
- 83 a. *Pycnonotus layardi* Gurney. Layard's Bulbul.
Hab. South Africa.
 a. Presented by Col. The Hon. Claude Willoughby,
 Feb. 8, 1908.

GENUS SPHECOTHERES.

- 106 a. *Sphecotheres australis* Swains. Australian Oriole.
Hab. Australia.
 a. Received in exchange, June 9, 1908. See P.Z.S.
 1908, ii., p. 783.

GENUS COLLYRIOCINCLA.

- 113 a. *Collyriocincla harmonica* Lath. Harmonious
 Shrike-Thrush.
Hab. Australia.
 a. Purchased, June 9, 1908. See P.Z.S. 1908, ii.,
 p. 783.

GENUS MALURUS.

- 116 a. *Malurus cyaneus* Ellis. Blue Wren.
Hab. Australia.
 a, b. Males, c. Female. Presented by the Govern-
 ment of New South Wales, June 9, 1908. See
 P.Z.S. 1908, ii., p. 783.

GENUS GRAUCALUS.

- 116 b. *Graucalus mentalis* Vig. et Horsf. Cuckoo-
 Shrike.
Hab. Australia.
 a. Received in exchange, June 9, 1908. See P.Z.S.
 1908, ii., p. 783.

GENUS RHIPIDURA.

- 116 c. *Rhipidura tricolor* Vieill. Black-and-White
Fantail.

Hab. Australia.

a, b. Presented by the Government of New South
Wales, June 9, 1908. See P.Z.S. 1908, ii.,
p. 783.

GENUS GLYCIPHILA.

- 126 a. *Glyciphila fulvifrons* Lewin. Fulvous-fronted
Honey-eater.

Hab. Australia.

a. Purchased, June 9, 1908. See P.Z.S. 1908, ii.,
p. 784.

GENUS PTILOTIS.

- 126 b. *Ptilotis chrysops* Less. Yellow-faced Honey-
eater.

Hab. Australia.

a. Purchased, June 9, 1908. See P.Z.S. 1908, ii.,
p. 784.

- 126 c. *Ptilotis fusca* Gould. Fuscous Honey-eater.

Hab. Australia.

a. Purchased, June 9, 1908.

- 126 d. *Ptilotis penicillatus* Gould. White-plumed Honey-
eater.

Hab. Australia.

a-h. Purchased, June 9, 1908. See P.Z.S. 1908, ii.,
p. 784.

- 126 e. *Ptilotis chrysotis* Less. Lewin's Honey-eater.

Hab. Australia.

a-c. Purchased, June 9, 1908. See P.Z.S. 1908, i.,
p. 784.

- 126 *f.* *Meliphaga novæ-hollandiæ* Vig. et Horsf. New
Holland Honey-eater.

Hab. Australia.

a-e. Purchased, June 9, 1908. See P.Z.S. 1908, *ii.*,
p. 784.

GENUS ACANTHORHYNCHUS.

- 126 *g.* *Acanthorhynchus tenuirostris* Lath. Spiny-billed
Honey-eater.

Hab. Australia.

a. Purchased, June 9, 1908. See P.Z.S. 1908, *ii.*,
p. 783.

GENUS ACANTHOGENYS.

- 126 *h.* *Acanthogenys rufogularis* Gould. Spiny-cheeked
Honey-eater.

Hab. Australia.

a-d. Purchased, June 9, 1908. See P.Z.S. 1908, *ii.*,
p. 783.

GENUS MYZANTHA.

- 126 *i.* *Myzantha flavigula* Gould. Yellow-throated Honey-
eater.

Hab. Australia.

a-f. Purchased, June 9, 1908. See P.Z.S. 1908, *ii.*,
p. 784.

GENUS CLIMACTERIS.

- 126 *k.* *Climacteris scandens* Temm. Tree-Runner.

Hab. Australia.

a. Presented by the Government of New South Wales
June 9, 1908. See P.Z.S. 1908, *ii.*, p. 783.

GENUS TROPIDORHYNCHUS.

- 126 *l.* *Tropidorhynchus argenticeps* Gould. Silver-crowned
Friar-Bird.
Hab. Australia.
a, b. Presented by W. T. Page, Esq., F.Z.S., May 13,
1908.
c, d. Deposited, May 13, 1908.
- 145 *a.* *Calliste desmaresti* Gray. Desmarest's Green
Tanager.
Hab. Venezuela.
a-d. Presented by Albert Pam, Esq., F.Z.S., Feb. 11,
1908. See P.Z.S. 1908, *i*, p. 161.
- 159 *a.* *Saltator albicollis* Vieill. White-necked Saltator.
Hab. Venezuela.
a, b. Presented by Albert Pam, Esq., F.Z.S., March 25,
1908. See P.Z.S. 1908, *i*, p. 345.
- 159 *b.* *Saltator olivascens* Cab. Olive Saltator.
Hab. Venezuela.
a, b. Presented by Albert Pam, Esq., F.Z.S., Feb. 11,
1908. See P.Z.S. 1908, *i*, p. 161.
- 267 *a.* *Cardinalis phœniceus* Bp. Scarlet Grosbeak.
Hab. Venezuela.
a. Presented by Albert Pam, Esq., F.Z.S., Feb. 11,
1908. See P.Z.S. 1908, *i*, p. 161.
- 292 *a.* *Sporopipes frontalis* Daud. Red-fronted Finch.
Hab. Africa.
a. Received in exchange, Nov. 11, 1908.

- 297 a. *Coccothraustes japonicus* Temm. and Schl.
Japanese Hawfinch.

Hab. Japan.

a-d. Purchased, June 9, 1908. See P.Z.S. 1908, ii.,
p. 783.

- 427 a. *Paradisea raggiana* Sclater. Raggi's Bird-of-
Paradise. 56

Hab. New Guinea.

a-c. Purchased, July 3, 1908. See P.Z.S. 1908, ii.,
p. 784.

d-g. Deposited, July 3, 1908.

h-l. Deposited, October 5, 1908. See P.Z.S. 1908, ii.,
p. 809.

- 428 a. *Ptilorhis intercedens* Sharpe. New Guinea Rifle-
bird.

Hab. New Guinea.

a. Male. Presented by Sir William Ingram, Bart.,
F.Z.S. July 3, 1908. See P.Z.S. 1908, ii., p. 784.

b. Male (young). Deposited, October 5, 1908. See
P.Z.S. 1908, ii., p. 809.

GENUS PARADISORNIS.

- 428 b. *Paradisornis rudolphi* Finsch. Prince Rudolph's
Bird-of-Paradise.

Hab. S.E. New Guinea.

a. Male. Deposited, October 5, 1908.

GENUS PAROTIA.

- 428 c. *Parotia lawesi* Ramsay. Lawes's Bird-of-Paradise.

Hab. New Guinea.

a-c. Purchased, July 3, 1908.

d-g. Deposited, July 3, 1908.

h-n. Deposited, October 5, 1908.

GENUS DIPHYLLODES.

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- 428 d. *Diphyllodes hunsteini* Meyer. Hunstein's Bird-of-Paradise.

Hab. New Guinea.

a-d. Purchased, July 3, 1908.

e-h. Deposited, July 3, 1908.

i-r. Deposited, October 5, 1908.

GENUS PHONYGAMA.

- 430 a. *Phonygama chalybeata* Penn. Metallic Manucode.

Hab. New Guinea.

a. Purchased, July 3, 1908. See P.Z.S. 1908, ii., p. 784.

- 430 b. *Phonygama purpureo-violacea* Meyer. Violet Manucode.

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Hab. New Guinea.

a. Purchased, July 3, 1908. See P.Z.S. 1908, ii., p. 784.

b, c. Deposited, July 3, 1908.

d, e. Deposited, October 5, 1908. See P.Z.S. 1908, ii., p. 809.

GENUS ÆLURÆDUS.

- 430 c. *Ælurædus buccoides* Temm. Barbet-like Cat-Bird.

Hab. New Guinea.

a, b. Presented by Sir William Ingram, Bart., F.Z.S., July 3, 1908.

- 430 d. *Ælurædus melanocephalus* Ramsay. Black-headed Cat-bird.

Hab. New Guinea.

a-c. Presented by Sir William Ingram, Bart., F.Z.S., July 3, 1908.

d. Deposited, October 5, 1908.

GENUS AMBLYORNIS.

- 430^h. *Amblyornis subalaris* Sharpe. Subalar Bower-Bird.
Hab. New Guinea.
a, b. Presented by Sir William Ingram, Bart., F.Z.S.
 July 3, 1908.

GENUS PRIONOTELES.

- 531 *a.* *Prionoteles temnurus* Temm. Cuban Trogon.
Hab. Cuba.
a. Deposited, May 9, 1908.

GENUS CORYTHÆOLA.

- 594 *a.* *Corythæola cristata* Vieill. Blue Touracou.
Hab. Nigeria.
a. Deposited, April 30, 1908. From Sekondi.
- 604 *a.* *Lorius erythrothorax* Salvad. Red-breasted Lory.
Hab. New Guinea.
a. Presented by Sir William Ingram, Bart., F.Z.S.,
 July 3, 1908. See P.Z.S. 1908, *ii.*, p. 784.
b. Deposited, October 5, 1908.

GENUS INOCOTIS.

- 1096 *a.* *Inocotis papillosus* Temm. King Ibis.
Hab. India.
a, b. Purchased, April 2, 1908.
- 1160 *a.* *Tadorna radjah* Garn. Rajah Sheldrake.
Hab. Australia.
a-c. Presented by the Government of New South
 Wales, June 9, 1908.
- 1186 *a.* *Spatula rhynchotis* Lath. Australian Shoveller.
Hab. Australia.
a. Male. *b.* Female. Presented by W. H. Scone,
 Esq., June 9, 1908. See P.Z.S. 1908, *ii.*, p. 784.

1215 a. *Ptilopus bellus* Sclater. Beautiful Fruit-Pigeon.
Hab. New Guinea.

a. Presented by Sir William Ingram, Bart., F.Z.S.,
 July 3, 1908.

1250 a. *Macropygia doreya* Bp. Dorey Island Fruit-Pigeon.

Hab. New Guinea.

a-c. Presented by Sir William Ingram, Bart., F.Z.S.,
 July 3, 1908.

1369 a. *Eupsychortyx sonnini* Temm. Sonnin's Colin.

Hab. Venezuela.

a-e. Presented by Albert Pam, Esq., F.Z.S., Feb. 11,
 1908. See P.Z.S. 1908, *i.*, p. 161.

III.—REPTILES.

GENUS STAUROTYPUS.

3 a. *Staurotypus triporcatus* Wagl. Three-keeled
 Terrapin.

Hab. Guatemala.

a. Received in exchange, Jan. 8, 1908. See P.Z.S.
 1908, *i.*, p. 64.

105 a. *Caiman palpebrosus* Cuv. Musky Cayman.

Hab. Brazil.

a, b. Presented by E. Salis-Schwabe, Esq., May 16,
 1908.

GENUS GYMNODACTYLUS.

106 a. *Gymnodactylus miliusi* Dum. et Bibr. Naked-toed
 Lizard.

Hab. Australia.

a-c. Received in exchange, June 9, 1908. See P.Z.S.
 1908, *ii.*, p. 784.

135 a. *Amphibolurus decresi* Dum. et Bibr. Swan River Lizard.

Hab. Australia.

a. Presented by the Government of New South Wales, June 9, 1908. See P.Z.S. 1908, *ii.*, p. 784.

GENUS PSEUDELAPS.

380 a. *Pseudelaps diadema* Schleg. Diademed Snake.

Hab. Australia.

a, b. Received in exchange, June 9, 1908. See P.Z.S. 1908, *ii.*, p. 784.

IV.—BATRACHIANS.

GENUS RHINODERMA.

14_a. *Rhinoderma darwini* Dum. et Bibr. Darwin's Frog.

Hab. Chili.

(75). Presented by Edwyn C. Reed, Esq., C.M.Z.S. Jan. 1, 1908.

GENUS MEGALOPHRYS.

50 a. *Megalophrys robusta* Bouleng. Robust Frog.

Hab. Darjeeling.

a. Presented by Dr. Nelson Annandale, C.M.Z.S. Sept. 11, 1908.

50 b. *Megalophrys feæ* Bouleng. Fea's Frog.

Hab. Upper Burmah.

a-d. Presented by Mrs. G. H. Evans, Sept. 1, 1908 From Mogok.

e-h. Deposited, Sept. 1, 1908. From Mogok.

73_a. *Plethodon glutinosus* Green. Variolated Newt.

Hab. North America.

a, b. Presented by Arthur C. Cooke, Esq., F.Z.S. Oct. 24, 1908. From Nova Scotia.

V.—FISHES.

GENUS LEPIDOSIREN.

90 a. *Lepidosiren paradoxa* Fitz. South-American
Mud-Fish.

Hab. South America.

a, b. Presented by the Goeldi Museum, Sept. 4, 1908
From Pará. See P.Z.S. 1908, *ii.*, p. 785.

*List of Donors and their Donations for the
year 1908.*

HIS MAJESTY KING EDWARD VII. (Patron of the Society).
6 Mouflons, 2 ♂, 4 ♀.

BEDFORD, His Grace the Duke of, K.G. (President).
5 Hissar Cattle, 2 ♂, 3 ♀; 5 Mysore Cattle, 2 ♂,
3 ♀; 4 Guzerat Cattle, 1 ♂, 3 ♀; 5 Gynee Cattle,
2 ♂, 3 ♀; 2 Zebus, 1 ♀ and Calf ♂; 5 Dumba Sheep,
2 ♂, 3 ♀; 1 Indian Gazelle, 1 Peregrine Falcon.

FIFE, His Grace the Duke of, K.T., F.Z.S. 4 Hooded
Crows.

MUSCAT, H.H. the Sultan of, G.C.I.E. 2 specimens of
the Arabian Hyrax.

CHAMBA, H.H. the Maharajah of, K.C.S.I. 2 Himalayan
Ibexes ♂ ♀.

ROOSEVELT, President Theodore. 3 Pronghorn Antelopes
♂ ♀ ♀.

AIKMAN, Mr. J. E., C.M.Z.S. 1 Muscovy Duck ♂.

AIRLIE, The Countess of. 1 Larger Hill Mynah.

ALDBOROUGH, Mrs. E. M. 1 Bonnet Macaque ♀.

ALFARO, Dr. Anastario. 1 Rough Terrapin, 1 Pennsyl-
vanian Mud-Terrapin.

ANDERSON, Mrs. 1 Laughing Kingfisher.

56 - ANDREWS, Mr. G. L. 1 Jaguar.

ANNANDALE, Dr. Nelson, B.A., C.M.Z.S. 1 Horsfield's
Tortoise, 1 Robust Frog, 2 Burmese Newts.

ARMITAGE, Major C. H. 1 African Leopard Cub ♂,
1 Bay Duiker, 1 Maxwell's Duiker, 1 Crested Porcu-
pine, 1 Black Hornbill, 1 African Buzzard.

ASHBURTON, The Lord, F.Z.S. 1 Peregrine Falcon.

- ASTLEY, Mr. Hubert D., M.A., F.Z.S. 1 Yellow-winged Sugar-bird ♂.
- BAHR, Mr. Philip H., M.A., M.B., M.R.C.S., F.Z.S. 1 Greater Black-backed Gull, 1 Lesser Black-backed Gull.
- BAKER, Mr. L. Ingham. 1 Black-headed Lemur ♂, 1 Chukar Partridge, 2 Golden-crowned Conures.
- BALDERSTON, Mr. James. 1 Spotted Salamander.
- BALGUY, Mr. Corbin, F.Z.S. 1 Common Snake, 1 Tesselated Snake.
- BALL, Mr. E. A. Reynolds. 1 Green Lizard.
- BANKS, Mrs. 1 Kestrel.
- BARCLAY, Mr. D. Hay-. 2 Geoffroy's Cats.
- BARING, Mr. Arthur. 1 Common Rat.
- BARKLEY, Mr. James. 1 Moorish Gecko.
- BARTLETT, Mr. Bertram F. 1 Eupatorian Parrakeet.
- BATTYE, Mr. A. Trevor-, M.A., F.Z.S. 2 Otters ♂ ♀, 1 Burrowing Owl.
- BAYFIELD, Mr. D. Scott. 1 Little Bustard.
- BAYNES, Mr. Nigel. 1 Guinea Baboon.
- BAYSCOOLE, Miss L. 1 Suricate.
- BAXTER, Miss Evelyn V. 1 Wigeon, 1 Pintail.
- BECTIVE, The Countess of. 2 Black-eared Marmosets.
- BELL, Mr. Richard. 1 Greater Sulphur-crested Cockatoo.
- BEVAN, The Hon. Mrs. Edwyn. 1 Yellow-whiskered Lemur.
- BIEHL, Mr. John. 1 Common Squirrel.
- BIEHL, Mrs. 1 Grey Parrot.
- BIGSLEY, Miss. 1 Pied Grass-Finch, 3 Indian Silverbills, 3 Chestnut-eared Finches, 1 Red-beaked Weaver-bird, 1 Black-bellied Weaver-bird, 1 Passerine Parrot, 4 Redpolls, 1 Siskin ♀, 1 Canary ♀, 1 Goldfinch ♂, 2 Hybrid Goldfinches, 1 Common Waxbill, 3 Orange-cheeked Waxbills, 3 Zebra Waxbills, 3 Crimson-eared Waxbills, 2 Amaduvade Finches, 3 Cut-throat Finches.
- BINDLEY, The Venerable Archdeacon. 3 Barbadian Anolis.
- BLAINE, Mr. G. 1 Long-eared Owl, 1 Peregrine Falcon.
- BOLUS, Mrs. 1 Cuckoo.
- BOSTOCK, Mr. E. H. 1 Moorish Gecko.
- BOUND, Mr. H. J. 1 Greater Sulphur-crested Cockatoo.
- BOWEN, Miss Violet and Mr. J. D. EVANS. 1 Common Seal.

- BOWLES, Mr. Arthur H., F.Z.S. 1 Green Cercopitheque ♀,
1 Red-footed Ground Squirrel.
- BRISTOWE, Mr. Lewis W. 1 Hooded Crow.
- BROCKMAN, Mr. R. E. Drake-, M.R.C.S., F.Z.S. 1 Dongola
Genet.
- BROWN, Mr. Frank. 1 Bosman's Potto.
- BROWN, Dr. Lauzun. 1 Great-billed Touracou.
- BROWNE, Mr. G. S. Seton-. 2 Martinican Doves.
- BRUCE, The Hon. Henry Lyndhurst. 1 Common
Marmoset.
- BUCKLEY, Miss. 2 Nutmeg-Finches.
- 55 - BURGOYNE, Mr. Frederick, F.Z.S. 1 Rhe-bok ♀.
- 56 - BURRA, Mr. Richard P. 1 Martial Hawk-Eagle.
- BURRELL, Mr. H., of Manilla, N.S.W. 2 Golden-bellied
Beaver-Rats, 1 Brush-tailed Rock-Wallaby, 1 Rufous
Rat-Kangaroo.
- BUTLER, Capt. S. S. 1 Arabian Jerboa.
- CAMERON, Mrs. 1 Bonnet Macaque.
- CARLESS, Mr. J. R. 1 Common Macaque.
- CARTER, Mrs. H. 1 Greek Tortoise.
- CHAPMAN, Miss. 1 Algerian Tortoise.
- CHARGE, Miss Blanche Wilson. 1 Bauer's Parrakeet.
- CHEETHAM, Mr. G. H., F.Z.S. 1 Common Badger ♀.
- CHRISTOPHER, Mrs. Danby. 2 Ring-tailed Lemurs.
- CLARKE, Mr. C. Noel. 1 Ocelot ♂.
- CLARKE, Mrs. 1 Red-fronted Lemur ♀.
- CLARKE, Mrs. E. 5 Kingfishers.
- CLEAVER, Mr. William. 1 Mandarin-Duck ♂.
- CLEAVER, Mrs. 1 African Buzzard.
- CLEGG, Mr. J. 1 White-collared Mangabey.
- CLODE, Mr. Herbert N. 1 Common Fox ♂.
- COE, Miss E. M. 1 Malbrouck Cercopitheque ♂.
- COLLINS, Sub-Lieut. Rutherford, R.N.R. 1 Ring-tailed
Coati.
- COOK, Mr. G. S., of New South Wales. 1 Diamond-
Python.
- COOKE, Mr. Arthur C., F.Z.S. 1 Common Fox, 1 Blue-
fronted Amazon, 2 Java Sparrows (White var.),
2 Common Vipers, 2 Variolated Newts, 1 Spotted
Newt.
- COOPER, Mrs. 1 Rhesus Macaque ♀.
- COURAGE, Mr. O. N. 5 Silver Pheasants ♂.
- COUTTS, Mr. Alan V. 1 Senegal Parrot.

- Cox, Mr. L. Harding, F.Z.S. 1 Grey Monitor, 1 Gallot's Lizard, 2 Brown Mud-Frogs, 2 Alpine Newts, 1 Bearded Lizard, 11 Green Lizards, 2 Sand-Lizards, 1 Greenish Sand-Skink, 2 Common Snakes, 36 Crested Newts, 2 Algerian Tortoises, 3 Giant Toads, 6 Common Toads, 4 Crested Newts (var.)
- CRACKNELL, Mr. Henry W. 1 Pinché Marmoset ♀.
- CRAIG, Mr. J. 1 Spotted Salamander.
- CRAWFORD, The Earl of, K.T., F.Z.S. 1 Silvery Gibbon ♂.
- CREIGHTON, Mr. A. 3 Indian Crocodiles.
- CROSS, Mr. William S., F.Z.S. 2 Radiated Tortoises, 4 Derbian Zonures.
- CROSSLEY, Mr. Frank. 1 Common Seal.
- CUMING, Mr. E. W. D. 1 Magpie.
- CUMMING, Mr. P. 1 Black-headed Conure.
- CURA & SONS, Messrs. 2 Golden Tench.
- CURREY, Mrs. 1 Roller, 1 Northern Mocking-bird.
- CUTHELL, Mr. Eric A. 7 Paradise Whydah-birds, 1 Bridled Seed-eater, 3 Rosy-faced Love-birds.
- DA COSTA, Mr. J. S. 1 Great Anteater.
- DANCKWERTS, Mr. W. O., K.C., F.Z.S. 1 White-crested Jay-Thrush, 2 Common Macaques ♂ ♀, 1 Prevost's Squirrel.
- 56- DARLING, Mr. J. folliott, F.Z.S. 5 Cape Gerbilles, 2 Hottentot Mole Rats.
- DAVIES, The Rev. Gerald. 6 Herring-Gulls, 1 Lesser Black-backed Gull.
- DAVIS, Mr. H. 1 Roloway Cercopitheque ♂.
- DEANE, Mr. S. 1 Common Coot.
- 54- DEMIDOFF, The Prince Paul. 3 Caucasian Ibexes.
- DE MORLEY, Lord. 1 Yellow-winged Parrakeet.
- DENTON, Captain Sir George, K.C.M.G., F.Z.S. 2 Senegal Parrots, 1 Rose-ringed Parrakeet ♀, 1 Half-collared Dove, 2 Cape Turtle-Doves, 1 Cambayan Turtle-Dove, 3 Bronze-spotted Doves.
- DE RAPOZO, Mrs. J. 1 Roseate Cockatoo.
- DE ROTHSCHILD, Mr. Leopold, C.V.O., F.Z.S. 1 Grey-cheeked Mangabey ♂.
- DIGAN, Major A. J. 1 Gambian Ourebi ♀.
- DIXON, Mr. H. B. 2 Vervet Cercopitheques ♂ ♀.
- DOUGHTY, Mr. J. 1 Greater Sulphur-crested Cockatoo.
- DRAPER, Mrs. Muriel. 1 Tantalus Cercopitheque ♂.

- DU CROS, Mrs. Arthur. 1 Abyssinian Cercopitheque.
 DUKE, Miss Norah. 1 Greater Sulphur-crested Cockatoo.
 DUNFORD, Mr. J. 1 Ring-necked Parrakeet.
 EDER, Mr. F. M. 1 Grey Parrot.
 EDGE, Mr. S. F. 2 Yellowish Capuchins, 1 Smooth-headed Capuchin.
 EGERTON, Sir Walter, K.C.M.G., F.Z.S. 1 Haussa Sheep ♂.
 ELLIOTT, Mr. A. 1 Abyssinian Cercopitheque ♀.
 ELY, Mrs. G. 1 Naked-footed Owlet.
 EUMORFOPOULOS, Mr. E., F.Z.S. 1 Common Snake.
 EVANS, Mr. J. D. (See Miss Violet Bowen.)
 EVANS, Mrs. 4 Fea's Frogs.
 EYRE, Mr. Walpole E., 1 Wild Cat ♂.
 FALKINER, Mr., of Boonooke Station, N.S.W. 1 Merino Ram.
 FANE, Mrs. 1 Common Macaque.
 FARRELL, Mr. W. L. 1 Raven.
 FAULKNER, Mrs. 3 Syrian Bulbuls.
 FEIST, Miss J. A. 1 Orange-winged Amazon.
 FENNER, Mrs. 1 Yellow-fronted Amazon.
 FENTON, Mr. W. 1 Tawny Owl.
 FETHERSTONHAUGH, The Hon. Mrs. Timothy. 1 Gold Pheasant ♀.
 FITZPATRICK, Mr. J. F. J. 2 Nilotic Crocodiles.
 FOGDEN, Mr. H. 1 Patas Cercopitheque ♀.
 FORDE, Dr. R. M. 1 African Civet-Cat.
 FOX, Mr. G. S. 1 Tawny Owl.
 FOY, Mr. W. 2 Dwarf Chameleons.
 FRANCIS, Mr. A. O. 1 Tawny Owl.
 FRASER, Mr. L. 1 Kestrel.
 FRASER, Mr. Norman. 1 Common Squirrel.
 FROHAWK, Mr. H. W. 1 Herring-Gull.
 FROST, Mr. W. 1 Java Sparrow, 2 Kingfishers.
 GARDINER, Dr. J. T. 2 Pin-tailed Whydahs, 1 Saffron Finch, 1 Yellow-rumped Seed-eater.
 GERRARD, Mr. T. 1 Raven.
 GIBBONS, Mr. C. Kenrick. A Collection of Small Fish ("Millions"), 2 Barbadian Troupials.
 GIBSON, Mr. F. 1 Rabbit-eared Bandicoot.
 GILLIAT, Major J. B., D.S.O., F.Z.S. 1 Alligator, 1 Sharp-nosed Crocodile, 2 Bull-Frogs, 2 Giant Toads, 1 Common Toad, 1 Vale-headed Toad, 2 Smooth-clawed Frogs.

- GILLOTT, Mr. G. S., Junr. 1 Grey Mongoose.
 GILLOTT, Mr. J. M. 1 Tantalus Cercopitheque ♂.
 GLADSTONE, Miss Joan. 1 Prevost's Squirrel.
 GLOVER, Mrs. T. 1 Kestrel.
 GOELDI MUSEUM, Para. 2 South American Mud-Fish.
 54- GRAHAM, Dr. J. C., F.Z.S. 1 Orang Utan ♂.
 GRANT, Mr. J. H. 1 Mona Cercopitheque ♂.
 GRANT, Mr. James W. 1 Hobby.
 GRAY, Mr. G. W. 1 Smooth-headed Capuchin.
 GREGORY, Mrs. 1 Cockateel.
 GREGG, Mr. James M. 2 Maholi Galagos.
 GREIG, Mrs. 1 Brazilian Hangnest.
 GREY, Mr. Sydney. 1 Bank-Vole, 2 Wood-Mice.
 GRIFFIN, Major W. W., R.A. 1 Arabian Fox.
 GRIFFITHS, Mr. E. 1 Herring-Gull.
 GUINNESS, Mr. William E. 1 Tantalus Cercopitheque ♂.
 GUNN, Mr. T. E. 1 Little Grebe, 2 Slowworms.
 GUTHRIE, Mr. Adam W., F.Z.S. 35 Puff Adders, 3
 Cape Bucephalus, 1 Rufescent Snake, 3 Hoary
 Snakes, 1 Yellow Cobra, 2 Springboks ♂.
 HAARBLEICHER, Mr. J. F. 1 Common Squirrel.
 HALE, Miss. 1 Water-Rail.
 HALI, Mr. A. K. 1 Greater Sulphur-crested Cockatoo.
 HALL, Mrs. T. S. 2 White-backed Piping Crows.
 HANCE BROS. and WHITE, Messrs. 1 Common Raccoon.
 HANINGTON, Dr. John W. B. 1 Spinose Lizard.
 HARRIS, Mr. A. T. J. 1 Leadbeater's Cockatoo.
 HARTIGAN, Mr. Hubert. 1 Common Fox.
 HASLER, Lt.-Col. Julian. 2 Korin Gazelles ♂ ♀.
 HAWKINS, Mr. L. W. 2 Golden-breasted Buntings, 5
 Hybrid Parrakeets.
 HAYES, Miss A. C. 1 Yellow-fronted Amazon.
 HEAD, Mrs. Lillyan. 1 Raven.
 HEARDER, Mr. H. P. 2 Common Vipers.
 56- HEATH, Mr. A. H. 1 Sumatran Civet.
 HENEGAN, Mrs. 1 Lesser Sulphur-crested Cockatoo.
 HIBBERT, The Hon. Arthur Henry Holland-. 1 Little
 Grebe.
 HIRSCH, Mr. Edward. 1 Chopi Starling.
 HITCH, Mr. F. G. 1 Hilaire's Terrapin.
 HOLDING, Mr. R. E. 1 Barn-Owl.
 HOLLINGSWORTH, Miss. 1 Laughing Kingfisher.
 HOPKINSON, Dr. Emilius, D.S.O., F.Z.S. 1 Red-footed
 Ground-Squirrel, 1 Brown-necked Parrot.

- HORTON, Mrs. Ben. 2 St. Thomas's Conures.
 HORTON, Miss Helen. 2 Common Marmosets.
 HOWARD, Mr. E. 1 Woodcock.
 HUME, Mrs. 1 Herring-Gull.
 HYATT, Mr. G. E. D. 1 Common Macaque ♀.
 INGRAM, Sir William, Bart., F.Z.S. 2 Greater Birds-of-Paradise ♂ ♀, 1 New Guinea Rifle-bird, 1 Black-headed Cat-bird, 2 Barbet-like Cat-birds, 2 Subalar Bower-birds, 1 Red-breasted Lory, 2 Dorey Island Fruit-Pigeons, 1 Beautiful Fruit-Pigeon, 3 Red-crowned Pigeons, 2 Australian Cassowaries, 1 Australian Fruit-Bat.
 JAMRACH, Mr. William. 4 Hybrid Pintails, 1 Hybrid Pochard, 3 Hybrid Gadwalls, 6 Hybrid Ducks.
 JARINI, Mr. M. 6 Indian Pythons.
 JENKIN, Mr. Charles T. 1 Tawny Owl.
 JENKS, Mrs. 1 Vulpine Phalanger.
 JESSUP, Mrs. 1 Grey Mongoose.
 JOHNSTONE, Mrs. 1 Orange-winged Amazon.
 JONES, Mr. B. N. H., F.Z.S. 1 Stone-Curlew.
 JUDKINS, Mrs. 3 Black Rats.
 KEEN, Mr. 1 European Tree-Frog.
 KENSINGTON, The Lord, D.S.O., F.Z.S. 3 Greater Black-backed Gulls, 3 Lesser Black-backed Gulls, 1 Herring-Gull, 3 Gannets.
 KENT, Mr. J. 1 Silver Pheasant.
 KENT, the late Mr. W. Saville, F.Z.S. 1 Slow Loris.
 KINGDON, The Hon. Donald, LL.B. 1 Gambian Hare.
 KUP, Mr. R. L. 1 Moustached Tamarin.
 LANG, Mr. C. S. 2 Common Macaques.
 LANG, Miss Josephine. 1 Common Fox.
 LANGLANDS, Mrs. 1 Buffon's Touracou.
 LANGMEAD, Mr. L. 1 Greater Sulphur-crested Cockatoo.
 LANSDELL, Mr. S. H. 1 Tessellated Snake.
 LARKINS, Mr. Bryant, F.Z.S. 3 Brazilian Tortoises, 2 Budgerigars.
 LAWRIE, Mr. R. 2 Two-spotted Palm-Civets.
 LAWS, Mr. H. W. 1 Tantalus Cercopitheque ♀.
 LAWSON, Mr. Frank, F.Z.S. 1 Common Badger.
 LEIGH, Major Walker. 2 African Leopard Cubs.
 LEIGHTON, Sir Bryan, Bart., F.Z.S. 2 Striped Frogs.
 LENNOX, Mrs. 1 Tawny Owl.
 L'HOËST, Monsieur Michel, C.M.Z.S. 1 Chilian Troupial, 1 Orchard-Finch.

- LILLEY, Mr. Henry 1 Tawny Owl.
 LINDSAY, Mr. W. H. 12 East African Snails.
 LINDSAY, The Hon. Mrs. Walter, F.Z.S. 1 Red-headed Weaver-bird.
 LITTLE, Mr. E. F. 1 Bonnet Macaque ♂.
 LITTLEJOHN, Miss H. M. 1 Blue-fronted Amazon.
 LLOYD, Mr. H. 1 Green Cercopitheque ♂.
 LONGRIDGE, Capt. C. C. 1 Ring-tailed Lemur ♂.
 LOW, Mr. W.P. 1 Abyssinian Duiker.
 55-LOWE, Dr. Percy R. 1 Swan Island Capromys.
 LUPTON, Mr. William C., J.P. 1 Suricate.
 MCCALMAN, Mr. J. A. C. 1 Bewick's Swan ♂.
 MCCLENNAN, Mr. J. W. Tyndale. 1 Grey-necked Crowned Crane.
 McCLOY, Surgeon A., R.N. 1 Broad-fronted Crocodile.
 MCCORQUODALE, Mr. A. C. 1 Golden Eagle.
 MACDONELL, Capt. 1 Spotted Hyæna ♂.
 MACFARLANE, Dr. W. F., F.Z.S. 1 Black-and-White Sparrow-Hawk, 1 Broad-fronted Crocodile, 1 Exanthematic Monitor, 2 Ocellated Monitors, 1 West African Python, 1 Cape Viper, 1 Two-spotted Palm-Civet.
 MACKENZIE, Mr. J. W. 1 Common Buzzard.
 MACKENZIE, Mr. M. J. 1 Blue-fronted Amazon.
 MACKILLIGIN, Mr. Alfred M. 3 Schlegel's Doves, 2 Tambourine Pigeons, 1 Lesser Kestrel.
 MACPHERSON, Mrs. 2 Kestrels.
 MAITLAND, Mrs. A. M. Crichton. 1 Skylark.
 MAITLAND, Mrs. F. H. 1 Malbrouck Cercopitheque.
 MARRIOTT, Mr. T. Bruce. 1 Black-necked Crowned Crane.
 MARSHALL, Mrs. A. 1 Common Marmoset.
 MASON, Mr. E. W. Wood-, M.B. 1 Büttikofer's Cercopitheque ♂.
 MASTERMAN, Miss E. A. 1 Algerian Tortoise.
 MATON, Mrs. Leonard. 1 Orange-winged Amazon.
 MAUDSLAY, Capt. E. R. 1 Green Cercopitheque ♀.
 MAXWELL, Mr. Eric. 1 Malayan Serow ♀.
 MEIKLEJOHN, Mr. J. R. 1 African Civet Cat.
 MERRYWEATHER, Mr. J. C. 1 Grand Eclectus ♀.
 MEYERSTEIN, Mr. Edward W., F.Z.S. 1 Lesser White-nosed Cercopitheque.
 MINCHIN, Prof. E. A., V.P.Z.S. 1 Barn-Owl.
 MOIR, Dr. Francis W. 7 Nilotic Crocodiles.

- MORGAN, Mr. J. J. 1 Grey Squirrel.
 MORPHEW, Miss. 1 Eupatorian Parrakeet.
 MOSELEY, Capt. F. J. 1 Allen's Porphyrio.
 MOSSE, Capt. A. H. E. 1 Ruffed Lemur ♀.
 MULLIKEN, Mrs. 1 Migratory Locust.
 MURRAY, Mr. W., of Wingham, N.S.W. 1 Dingo.
 MUSGRAVE, Capt. Stanley, F.Z.S. 1 Tamandua Anteater.
 NEALE, Mr. J. J. 3 Short-eared Owls.
 NEWELL, Mr. J., of Melbourne. 4 Stump-tailed Lizards,
 6 Blue-tongued Lizards.
 NEW SOUTH WALES, The Government of. 1 Great
 Kangaroo, 2 Rufous-necked Wallabies, 4 Black Wal-
 laroos, 4 Brush-tailed Rock-Wallabies, 6 Bridled
 Nail-tailed Wallabies, 1 Rabbit-eared Bandicoot, 2
 Rufous Rat-Kangaroos, 2 Brush-tailed Rat-Kan-
 garoos, 1 Long-nosed Bandicoot, 3 Short-headed
 Flying Phalangers, 1 Common Wombat, 13 Mauge's
 Dasyures, 2 Spotted-tailed Dasyures, 2 Pouched
 Mice, 3 Echidnas, 1 Eyton's Tree-Duck, 4 Wander-
 ing Tree-Ducks, 3 Rajah's Sheldrakes, 2 Maned Geese,
 2 Black-and-White Geese, 2 Black Swans, 2 White-
 fronted Herons, 1 Boobook Owl, 1 White Goshawk,
 1 Wedge-tailed Eagle, 1 Australian Bustard, 9
 Parrot-Finches, 4 Garrulous Honey-eaters, 8 Chinese
 Quails, 7 Varied Hemipodes, 3 Black-backed Piping-
 Crows, 4 Australian Thicknees, 2 Black-tailed Water-
 Hens, 4 King-Parrots, 1 Banksian Black Cockatoo,
 1 Cuvier's Podargus, 3 Blue Wrens, 2 Black-and-
 White Fantails, 1 Tree-Runner, 1 Coach-whip Bird,
 7 Sacred Kingfishers, 1 Leach's Kingfisher, 2 Wattled
 Peewits, 1 Black-breasted Peewit, 12 Long-necked
 Terrapins, 2 Major Skinks, 1 Cunningham's Skink,
 2 White's Skinks, 5 Bearded Lizards, 6 Muricated
 Lizards, 1 Swan River Lizard, 2 Blue-tongued
 Lizards.
 NEWTON, The Lord, F.Z.S. 1 Blue Snow-Goose.
 NEW ZEALAND, The Government of, 3 Kiwis, 3 Keas
 or Mountain Ka-Kas, 2 Variegated Sheldrakes,
 6 Australian Wild Ducks, 3 Earl's Weka-Rails,
 4 Tuatera Lizards.
 NICHOLSON, Mr. W. N. P., F.Z.S. 1 Grey Mongoose.
 NOBLE, Mrs. John. 1 Laughing Kingfisher.
 OGDEN, Mr. W. M. 1 Eyed Lizard.

- OLPHERT, Mr. Wybrace. 1 Vulpine Phalanger.
- ONSLow, Mr. Frank R. D. 1 Barn-Owl, 1 Tawny-Owl.
- OSBORNE, Mr. A. W., F.Z.S. 1 Lesser White-nosed Cercopitheque ♀, 1 Yellow-rumped Seed-eater.
- OSMAN, Mr. E. E. 2 Slowworms.
- OTTER, Mrs. 1 Green Cercopitheque, 1 White-fronted Capuchin.
- OXLEY, Capt. J. E. 3 Moloch Lizards.
- PAGE, Mrs. Lindsey-. 1 Greater Sulphur-crested Cockatoo.
- PAGE, Mr. W. T., F.Z.S. 2 Silver-crowned Friar-Birds.
- PAGE, Mrs. 2 Yellow-bellied Liothrix, 2 Chestnut-eared Finches, 2 Black-headed Finches, 2 Chestnut-bellied Finches.
- PAM, Mr. Albert, F.Z.S. 3 Olive Saltators, 1 Scarlet Cardinal ♂, 1 Saturnine Mocking Bird, 1 Bare-eyed Thrush, 2 Black Tanagers ♀ ♂, 3 Spotted Emerald Tanagers, 4 Blue-winged Tanagers, 6 All-Green Tanagers, 2 Orange-browed Tanagers, 1 Variegated Spider-Monkey, 2 Punctated Agoutis, 6 Rufous Pigeons, 3 Scaly Ground-Doves, 4 Talpacoti Doves, 5 Sonini's Colins, 2 Mexican Jays, 3 Green Toucanets, 1 Double-striped Thicknee, 1 Rose-breasted Grosbeak, 2 Black-necked Tanagers, 4 Desmarest's Green Tanagers, 3 Yellow-winged Sugar-birds, 7 Guianan Love-birds, 2 Black Vultures, 2 Red Brockets ♂ ♀, 1 Savannah Deer ♀, 2 Red-bellied Squirrels, 1 Brazilian Caracara, 2 Guianan Tree-Ducks, 2 Red-tailed Guans, 2 Louisianian Herons, 1 Great American Egret, 1 Silky Cow-bird ♂, 1 Maroon Tanager ♀, 1 Banded Aracari, 2 White-necked Saltators, 1 Orange-winged Dove, 3 Blue Grosbeaks ♂ ♀ ♀, 3 American Buntings, 4 Jacarini Finches, 5 Fire-red Finches, 3 Turkey-Vultures.
- PARKER, Mrs. A. 1 Greater Sulphur-crested Cockatoo.
- PARKER, Mrs. Sandbach. 2 Black Grosbeaks ♂ ♂.
- PASLEY, Miss L. 2 Black-crested Cardinals.
- PATIENT, Mr. A. 1 Hispid Lizard, 1 Natal Sternothera.
- PEARSE, Capt. W. Puxley. 1 Two-spotted Palm-Civet.
- PELLY, Mr. Evelyn. 1 Common Hedgehog.
- PENNANT, Lady Edith Douglas-. 1 Superb Tanager, 3 All-Green Tanagers, 2 Pectoral Tanagers, 1 Pennant's Parrakeet, 1 Blue-cheeked Barbet, 1 Chinese Jay-Thrush, 1 Maximilian's Aracari.

- PERKINS, Mr. A. E. 3 Rough-eyed Caymans, 1
Brazilian Hangnest.
- PERKINS, Mrs. 1 Common Squirrel.
- PERREAU, Capt. G. A., F.Z.S. 3 Bustard-Quails, 2
Little Button Quails, 7 Rain-Quails, 2 Grey-winged
Ouzels, 1 Indian Pipit, 1 Black-throated Accentor.
- 57- PERRETT, The Rev. W. W. 2 Labrador Jays.
- PERRY, Mr. L. 1 Greater Sulphur-crested Cockatoo.
- PETERKINS, Mrs. A. 1 Dwarf Chameleon.
- PETERS, Mr. Philip. 1 Alligator.
- PILKINGTON, Miss Ethel. 1 Barn-Owl.
- PLAYNE, Mrs. 1 Levillant's Amazon.
- PLOWS, Mr. George J. 1 All-Green Parrakeet.
- PLUCK, Mr. Frederick. 1 Vervet Cercopitheque ♂.
- POCOCK, Mr. R. I. (SUPERINTENDENT). 1 Shag.
- PORTER, Mr. J. 1 Common Macaque.
- PRINGLE, Major John. 1 Grey Parrot.
- PRYOR, Mr. M. R., M.A., F.Z.S. 1 Otter ♂.
- RALSTON, Mr. A. E., K.C., of Sydney, N.S.W. 1 Brush-
Turkey.
- RAPSON, Mr. R. 1 Mealy Amazon.
- READ, Mr. M. 1 Blue-fronted Amazon.
- REED, Mr. EDWYN C., F.E.S., C.M.Z.S. 75 Darwin's
Frogs.
- REEVES, Capt. J. S., F.Z.S. 1 St. Helena Seed-eater.
- RICHARDSON, Mr. Alexander. 1 Grey Squirrel.
- RIDING, Mr. J. W. 1 Leopardine Snake.
- RIPLEY, Mr. John. 1 Common Marmoset, 2 Roseate
Cockatoos.
- ROBINSON, Mr. John A. 3 Dwarf Chameleons.
- ROBSON, Mr. W. W. 1 Two-spotted Palm-Civet.
- 56- ROME, Mr. T. 1 Vicuna ♂.
- ROSSETTI, Mr. W. M. 1 Tawny Owl.
- ROTHSCHILD, The Hon. Walter, M.P., F.Z.S. 1 Red-
vented Cockatoo.
- ROWLAND, Miss Natalie B. 1 Yellow Conure.
- RUFFIN, Mrs. E. L. 1 American Kestrel.
- RUMANN, Mr. W. Bernhard. 1 Lobed Chameleon.
- RUXTON, Mrs. 1 Grey-breasted Parrakeet.
- RYAN, Mr. R. S. 1 Allied Goshawk.
- ST. QUINTIN, Mr. W. H., F.Z.S. 1 Cholmley's Part-
ridge ♀, 1 Dusky Duck ♀, 1 Rain-Quail, 1 Great
American Egret, 14 Leaf-Insects, A Collection of
Stick-Insects.

- SAMUEL, Mr. Marcus, R.A., F.Z.S. 1 Green Lizard.
 SANDEMAN, Mrs. Albert. 1 Roseate Cockatoo.
 SANDWICH, The Earl of, F.Z.S. 1 Rhesus Macaque,
 1 Common Macaque, 1 Hybrid Macaque.
 SAUNDERS, Mr. W. Radcliffe. 1 Migratory Locust.
 SAVAGE, Miss G. A. 1 Eyed Lizard.
 SCHMIDT, Mr. A. C. 1 Green Cercopitheque ♀.
 SCHWABE, Mr. E. Salis-. 1 Matamata Terrapin. 2
 Musky Caymans, 1 Great Anteater.
 SEVASTOPULO, Mr. G. D. 1 Red-headed Weaver-bird,
 2 Red-headed Buntings.
 SHARP, Mr. Percy Gordon. 1 Tessellated Snake.
 SHARP, Miss. 1 Green Cercopitheque.
 SIDNEY, Mr. Henry. 1 Black-headed Lemur.
 SILCOCK, Mr. Ronald. 1 Greater Sulphur-crested
 Cockatoo.
 SIMMONS, Dr. Harold. 1 Roseate Cockatoo.
 SIMPSON, Miss E. 1 Grey-breasted Parrakeet.
 SISSONS, Mrs. 2 Orange-cheeked Waxbills.
 SKINNER, Mr. F. E. 1 Rhesus Macaque ♂.
 SMELT, Dr. C. A. Casterton-, F.Z.S. 1 Common
 Chameleon.
 SMITH, Mr. Columbus. 1 Carrion Crow.
 SMITH, Mr. D. Seth-, F.Z.S. 1 Common Hedgehog,
 2 Beautiful Finches.
 SMITH, Mr. Frank P. 15 European Tree-Frogs.
 SMITH, Mr. H. B. Haddon-. 1 Patas Cercopitheque ♀.
 SMITH, Mrs. L. A. 1 Algerian Tortoise.
 SMITH, Miss L. Moore. 1 Western Slender-billed
 Cockatoo.
 SMITH, Major O. A. 1 Carpet Viper.
 SMYTH, Mr. Edward Watson. 1 Chestnut-bellied Finch.
 SMYTHE, Mr. C. W. 1 Senegal Chameleon.
 SPENCER, Lieut. Patrick, R.N. 2 Black-eared Mar-
 mosets.
 SPRINZ, Mr. Albert. 1 Guinea Baboon ♂,
 SPURRELL, Mr. H. G. F. 2 Giant Toads, 1 Tuberculated
 Iguana.
 STANILAND, Miss M. 1 Ring-tailed Lemur.
 STEVENS, Mr. E. G. 2 Pardine Genets.
 STICKINGS, Capt. A. E. 1 African Leopard Cub ♂.
 STRACHAN, Dr. William H. W., C.M.G., F.Z.S. 1 White-
 crested Tiger-Bittern.

- STRONG, Mr. H. W. 1 Suricate ♀.
 56 - SUAREZ, Col. Don Pedro. 1 Tiger-Bittern, 1 Large-Grieved Tortoise.
 SUGGITT, Mr. R. 1 Central American Agouti.
 TERRELL, Mrs. A'Beckett. 1 Blue-fronted Amazon.
 THAMES SALMON ASSOCIATION. 1 Huchen Salmon.
 THANE, Miss Vendla. 1 Senegal Parrot.
 THEOBALD, Mr. J. W. Hervey. 1 Rose-ringed Parrakeet ♀.
 THOMAS, Mrs. B. C. 3 Kestrels.
 THORNSTROM, Mr. Henrich. 2 Tawny Owls.
 THORNTON, Mrs. Henry Welch-. 1 Greater Sulphur-crested Cockatoo.
 57 - TODE, Mr. F. W. 1 Yellow-billed Sheathbill.
 TONGE, Mr. Alfred E. 1 Tropical House-Spider.
 TOWNSEND, Mr. F. W. 9 Macqueen's Bustards.
 TOYE, Mrs. 1 Blue-and-Yellow Macaw.
 TRELAWNY, Miss May. 1 Bauer's Parrakeet.
 TRENT, Mr. Frederick A. 2 Kestrels.
 TUCKER, Mr. F. St. George. 1 Serval.
 TUGWELL, The Very Rev. Herbert. 1 Tantalus Cerco-pitheque.
 TURNER, Miss Frances Page-. 1 Long-eared Owl.
 TURNER, Mr. J. Turner-. 2 Black-eared Marmosets.
 TYSON, Mrs. 1 Hooded Finch.
 56 - VARIAN, Mr. H. F. 1 Black-rumped Duiker.
 WALDO, Mr. E. G. B. Meade-, F.Z.S. 2 Garganey Teal ♂ ♀, 3 Black-tailed Godwits.
 WALEY, Capt. John D., F.Z.S. 1 Ring-tailed Lemur.
 WALKER, Mr. Alfred. 1 Puffin.
 WALLER, Mr. W. C. 1 Egyptian Jerboa.
 WALTER, Mr. C. R. 3 Common Snakes, 2 Common Toads, 3 Sloworms, 2 Green Lizards, 2 Sand-Lizards, 2 Common Lizards, 5 Natterjack Toads.
 WARBURG, Mr. J. C. 7 Moorish Geckos.
 WARING, Capt. Walter, F.Z.S. 2 Great Eagle-Owls.
 WARWICK, Capt. A. S., F.Z.S. 2 Iceland Falcons.
 WATERFIELD, Major B. C. 2 Common Peafowl (White var).
 WATSON, Mr. E. H. 1 Black-eared Marmoset.
 WATTS, Miss E. G. 1 Budgerigar.
 WEATHERBURN, Mr. Robert. 1 Californian Quail ♂.
 WERRY, Capt. F. E. 1 Cane-Rat, 1 Egyptian Kite.
 WEST, Mrs. 1 Dorsal Squirrel.

- WEST, Mr. Colin, F.Z.S. 1 Common Snake.
- WESTWATER, Mr. R. M. 1 Green Cercopitheque ♀.
- WHALLEY, Mr. A. E. 1 Æthiopian Wart-Hog ♂.
- WHEELER, Miss Nina. 3 Budgerigars.
- 56- WHITAKER, Mr. G. Cecil. 1 Brown Bear ♂.
- WHITE, Mr. Alfred, F.Z.S. 8 Stick-Insects.
- WHITE, Capt. W. B. 3 Tufted Umbres.
- WHITE, Mr. W. H. L., of Scone, N.S.W. 2 Peaceful Doves, 1 White-fronted Heron, 2 Shovellers.
- WHITTAL, Mr. P. F. 1 White-crowned Mangabey, 1 Roloway Cercopitheque.
- WIFFIN, Mrs. 1 Mona Cercopitheque ♂.
- WIGLEY, Miss M. A. 1 Cockateel.
- WILD, Miss L. A Collection of Stick-Insects.
- WILDE, Mr. C. A. 1 Magpie.
- WILKINS, Mrs. Agnes. 1 Büttikofer's Cercopitheque.
- WILL, Mrs. Mildred. 1 Lesser Sulphur-crested Cockatoo.
- WILLIAMS, Mrs. J. 1 Common Badger ♀.
- WILLIAMS, Mr. J. A. 1 Ortolan Bunting.
- WILLIAMS, Mr. P. C. 1 Nilotic Crocodile.
- WILLOUGHBY, Col. The Hon. Claude. 1 Cape-Bunting, 3 Cut-throat Finches, 2 Red-headed Finches, 1 Chestnut-eared Finch, 2 Common Fire-Finches, 2 Angolan Seed-eaters, 1 Quail-Finch, 1 Blue-breasted Waxbill, 2 Red-bellied Waxbills, 1 Zebra-Waxbill, 1 Black-faced Waxbill, 2 Red-beaked Weaver-birds, 3 Taha Weaver-birds, 1 Black-fronted Weaver-bird, 1 Grenadier Weaver-bird, 1 Orange Weaver-bird, 1 Pin-tailed Whydah-bird, 2 Long-tailed Whydah-birds, 1 Layard's Bulbul.
- WILSON, Mr. G. Harold. 1 Greater Sulphur-crested Cockatoo.
- WILSON, Master Montagu. 1 European Pond-Tortoise.
- WOELLHAF, Mr. E. 1 Common Kestrel.
- WOOD, Miss. 1 Dwarf Chameleon.
- WOODD, Miss Ethel G. 2 Senegal Turtle-Doves.
- WOOLNOUGH, Mrs. 1 Common Gull.
- WOORE, Staff-Surgeon Frank, R.N. 1 Ring-necked Parrakeet.
- WORMALD, Mr. Hugh. 2 Ringed Plovers.
- YOUNG, Major H. Nugent. 1 Mona Cercopitheque ♂. 1 Grey Eagle-Owl, 1 White-throated Monitor.
- ZAPPANTA, The Baroness Zezza di. 1 Horned Capuchin.

STATE OF THE FINANCES.

The Report of the Auditors of the Accounts for 1908 is issued to Fellows, bound at the end of this Report. In 1905, the Auditors, acting on the advice of Mr. W. B. Keen, Chartered Accountant, the professional Auditor of the Society, issued their Report on the finances of 1904 in a new form, replacing the old statement of Assets and Liabilities by a formal Balance Sheet, and the old statement of Receipts and Payments within the year by a proper dissection of Income and Expenditure belonging to the year. The Auditors of the Accounts of the year 1906, after discussion of the principles involved, continued the new system, which has been followed since. As, however, some of the Fellows prefer a statement on the simple Receipts and Payments system, such information is given in the next paragraph.

The total sum actually received within the year was £37,346. 1s. 1d. On January 1st, 1908, the deficit from 1907, amounting to £1,724. 4s. 9d. (*i.e.*, the Banker's overdraft of £1,826. 9s. 3d., less cash in hand £102. 4s. 6d.), was paid off, leaving £35,621. 16s. 4d. net receipts for the year. A further sum of £450 received from ten new compounders has also to be deducted from the year's receipts, this being no longer regarded as income, and has been separately invested in accordance with the policy of the Council settled on in 1906. As the result of these operations the amount of £35,171. 16s. 4d. was left available for the expenditure for the year. The payments in the year 1908 amounted to £36,504. 13s. 2d., so that the year closed with a deficit of £1,332. 16s. 10d. (*i.e.*, the Banker's overdraft of £1,381. 7s. 4d., less cash in hand £48. 10s. 6d.). The deficit has thus been reduced in the course of the year by the sum of £391. 7s. 11d.

Comparison of Balance Sheet 1907 and 1908.

LIABILITIES.	1907.			1908.			Comparison.			
	£	s.	d.	£	s.	d.	£	s.	d.	
Sundry Creditors and Rent and Taxes ...	1,386	10	5	1,265	17	1	-	120	13	4
Messrs. Drummond, Overdraft.....	1,826	9	3	1,381	7	4	-	445	1	11
Subscriptions received in advance	304	19	0	304	4	0	-	15	0	0
Reserve for Liability under Workmen's Compensation Act	25	0	0	50	0	0	+	25	0	0
	3,542	18	8	3,001	8	5	-	541	10	3
BALANCE, being Excess of Assets over Liabilities—										
Composition Fund (not separately invested)	6,680	0	0	5,762	0	0	-	918	0	0
New Composition Fund (separately invested) ..	945	0	0	1,395	0	0	+	450	0	0
General Purposes	57,378	19	2	59,694	19	8	+	2,316	0	6
	£68,546	17	10	£69,853	8	1	+	1,306	10	3

ASSETS.	1907.			1908.			Comparison.			
	£	s.	d.	£	s.	d.	£	s.	d.	
Animals in the Menagerie.....	19,063	0	0	19,524	0	0	+	461	0	0
Freehold Premises, Hanover Square	25,000	0	0	25,000	0	0	—	—	—	—
Books in the Library.....	20,915	6	6	21,206	12	8	+	291	6	2
Unsold Publications	500	0	0	500	0	0	—	—	—	—
" Zoological Record "	900	0	0	800	0	0	-	100	0	0
Debts due to the Society	670	9	7	941	13	1	+	271	3	6
Balance of Cost of Drainage, to be repaid by instalments	231	0	0	187	0	0	-	44	0	0
Rates paid in advance	194	17	3	200	11	10	+	5	14	7
New Composition Fund	945	0	0	1,395	0	0	+	450	0	0
Cash at Bank, Workmen's Compensation Fund Account.....	25	0	0	50	0	0	+	25	0	0
Cash in hand at Office and Gardens	102	4	6	48	10	6	-	53	14	0
	£68,546	17	10	£69,853	8	1	+	1,306	10	3

The Composition Fund (not separately invested) on the liability side of the Balance Sheet is a liability that will decrease annually as the compositions of new compounders are separately invested, and as a proportion of

the old fund, calculated as 15 years' purchase, is transferred to income each year. The increase of £2,316 on the Balance of Assets over Liabilities (General Purposes) represents actual improvement in the financial position of the Society. This increase is actually very much greater, as new buildings, and substantial improvements on old buildings have been paid for out of income, but owing to the tenure on which the Gardens are held, the capital value of the buildings and plant cannot be regarded technically as an asset.

Comparison of Income, 1907 and 1908.

	1907.			1908.			Comparison.			
	£	s.	d.	£	s.	d.	£	s.	d.	
Admission Fees	1,385	0	0	1,100	0	0	-	285	0	0
Subscriptions (Fellowship)	8,259	0	0	8,553	0	0	+	294	0	0
Composition Fees	950	0	0	918	0	0	-	32	0	0
Interest on Composition Fees invested ...	14	5	1	34	10	1	+	20	5	0
Garden Sales	195	2	10	579	7	10	+	384	5	0
Rent of Refreshment Rooms	1,000	0	0	1,000	0	0				
Rents—Hanover Square	200	0	0	202	2	0	+	2	2	0
Admission to Gardens	21,287	15	0	21,405	2	2	+	117	7	2
Riding Receipts	560	10	5	333	11	9	-	226	13	8
“Garden Guide” and Post-card sales, less expenses, printing, &c.	797	17	10	803	12	2	+	5	14	4
Rent of Lavatories	102	8	1	107	7	6	+	4	19	5
“Zoological Record” Sales	275	11	6	158	19	5	-	116	12	1
Miscellaneous Receipts	103	17	3	91	17	3	-	12	0	0
	£35,131	8	0	£35,287	10	2	+	£156	2	2

The total income was slightly in excess of that for the year 1907. The admissions to the Gardens showed an actual increase of £117; this is specially satisfactory as at the end of July there was an actual decrease of £633, probably due to the special attraction of the Franco-British Exhibition. The decrease, however, was more than made up when the country visitors arrived in the holiday months. There is also a steady increase in the income from Fellows' subscriptions, although a smaller number of new Fellows was elected.

Comparison of Ordinary Expenditure, 1907 and 1908.

	1907.			1908.			Comparison.			
	£	s.	d.	£	s.	d.		£	s.	d.
Rent, Rates, &c., Gardens	1,488	4	3	1,480	10	5	-	7	13	10
Charge set aside under Workmen's Compensation Act	25	0	0	25	0	0	-			
Charges under Licensing Act, 1904	21	13	4	23	6	8	+	1	13	4
Rates, Taxes, &c., Hanover Square.....	311	18	0	307	6	3	-	4	11	9
Salaries, Gardens	4,825	7	5	5,164	17	11	+	339	10	6
Do. Hanover Square	1,705	9	6	1,685	12	10	-	19	16	8
Pensions, Gardens	212	6	8	208	0	0	-	4	6	8
Do. Hanover Square	752	0	0	752	0	0	-			
Special Donation, &c., <i>re</i> late Employee...	136	0	0	—			-	136	0	0
Provisions	4,441	11	10	4,723	5	7	+	281	13	9
Cost and Carriage of Animals	2,091	1	2	1,496	12	8	-	594	8	6
Charge on A/c. of Australian Exhibition	250	0	0	784	4	7	+	534	4	7
Menagerie Expenses	2,156	18	4	2,291	15	4	+	134	17	0
Prosectorium Expenses.....	681	16	6	681	3	1	-	0	13	5
Works (Ordinary)—Gardens	4,045	16	10	3,776	3	11	-	269	12	11
Do. Hanover Square.....	73	10	0	29	19	7	-	43	10	5
Gardeners' Expenses	1,417	11	4	1,344	15	0	-	72	16	4
Advertisements	352	5	6	468	8	8	+	116	3	2
Band Expenses (Net)	133	17	8	184	14	0	+	50	16	4
House and Office Expenses, Gardens	396	1	5	409	19	10	+	13	18	5
Do. do. Hanover Square	779	3	6	807	3	8	+	28	0	2
Stationery and Printing (Miscellaneous)	340	16	4	399	14	6	+	58	18	2
Cost of Publications (Net).....	828	18	1	1,090	3	4	+	261	5	3
Cost of "Zoological Record" (Net).....	264	6	8	256	9	0	-	7	17	8
Library Expenses	463	4	11	446	2	4	-	17	2	7
Law Expenses.....	4	4	0	28	19	6	+	24	15	6
Interest on Loans	34	6	8	2	11	2	-	31	15	6
Cost of Medals	3	10	0	7	9	0	+	3	19	0
TOTALS	£28,236	19	11	£28,876	8	10	+	£639	8	11

The increase in 'salaries at the Gardens' is due to an increase in the number of the menagerie staff. With the increasing number of buildings and enclosures, and the efforts that are being made to give greater attention to the animals, it is probable that the expenditure on garden staff will continue to increase. It was found necessary to pay more than in 1907 for a satisfactory Band. The increase in cost of publications was deliberate; as the prosperity of the Society is growing, it is possible to spend a little more on the publication of scientific work.

CONCLUSION.

The Council can again congratulate the Fellows on the prosperous condition of the Society. The number of Fellows and the income from Fellows' subscriptions has increased, although the rate of increase was not so great as in 1907. The surplus of income over expenditure was large, and a considerable sum was invested. The overdraft was reduced, and could have been altogether wiped out if the Council had not decided that it was advisable at once to proceed with the erection of the new Reception House and Quarantine Station.

In the course of the year the following meetings for the business of the Society have been held :—

Council	...	...	...	...	17
Monthly Business Meetings	...	...	...	...	10
Scientific Meetings	...	...	...	...	13
Garden Committee	...	...	...	...	13
House and Library Committee	...	...	...	...	7
Publication Committee	...	...	...	...	13
Prosectorial Committee	...	...	...	...	12
Zoological Record Committee	...	...	...	...	2
Finance Committee	...	...	...	...	12

The Council wish to acknowledge the assistance they have received during the past year from the Committee of Publication, upon which are devolved, in accordance with the By-laws, the arrangement and supervision of the Society's Scientific Publications.

The Council have finally to ask you to thank those Fellows of the Society who have audited the Accounts for the past year.

Signed (for the Council),

P. CHALMERS MITCHELL,

Secretary.

3, Hanover Square, W.,

March 17th, 1909.
