

REPORT

OF THE

COUNCIL AND AUDITORS

OF THE

ZOOLOGICAL SOCIETY

OF LONDON,

FOR THE YEAR 1906.

PREPARED FOR THE ANNUAL GENERAL MEETING.

TO BE HELD ON

MONDAY, APRIL 29TH, 1907.

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REPORT OF THE COUNCIL

for the year 1906.

ANNUAL GENERAL MEETING.

THE Seventy-eighth Annual General Meeting of the Society will be held on Monday, April 29th, 1907. The Chair will be taken at 4 p.m. at the Rooms of the Society, 3, Hanover Square.

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, 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, 1906, was 3,702.

During the year 371 Fellows were elected, whilst 152 died or otherwise ceased to be Fellows, the net addition to the roll for the year being 219; the total number on the roll on January 1st, 1907, thus reaching 3,921, the largest in the history of the Society. These are classified as follows:—

Compounders	...	...	... at £20	1
"	...	...	... „ £30	1,037
"	...	...	... „ £45	3
Compositions remitted	...	...	...	44
Paying annual subscriptions	...	...	...	2,593
Dormant...	...	...	...	169
Admission-fees unpaid	...	...	...	74
Total	...	...	...	3,921

It may be mentioned that the only occasions when 100 or more Fellows have been elected at a Monthly General Meeting of the Society are as follows:—

On November 27th, 1827	...	elected	117 Fellows.
On July 3rd, 1834	...	„	115 Fellows.
On July, 19th, 1866	...	„	103 Fellows.
On December 21st, 1905	...	„	100 Fellows.
On December 20th, 1906	...	„	103 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.	Fee re-mitted.	£2.	£3.						
1897	179	...	26	...	...	66	20	4	...	3	119	3,158
1898	184	1	28	1	...	79	35	6	...	7	157	3,185
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

Foreign and Corresponding Members.

The elections of Foreign and Corresponding Members were not made until January, 1907, and so do not come into this Report.

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. At its evening Scientific Meetings, interesting zoological specimens are exhibited, and communications are read giving the results of the zoological investigations of a large number of scientific men at home and abroad, the more important of these being published in the 'Proceedings' and 'Transactions.' By its support of the annual 'Record of Zoological Literature' (now to be incorporated with the zoological portion of the 'International Catalogue of Scientific Literature'), it provides Zoologists with an invaluable aid to their work. The library of the Society is so useful to Zoologists that several have become Fellows,

with no other object than to take advantage of it. Through the Prosectorial Department at the Gardens, scientific use is made of the bodies of animals that have died. Of these, many go to enrich the collections in museums; others are used for anatomical study, whilst others are preserved to provide material for further research. Recent investigations have shown that parasites play a special rôle in the transmission of many diseases, and in the last two years great attention has been paid to the collection and examination of the rich material at the gardens. The Pathological Department has the primary function of supplying information that may be useful in raising the general health of the animals at the Gardens and in detecting preventable causes of death, but it is hoped that it may help also in the scientific study of disease.

SCIENTIFIC MEETINGS.

To the thirteen meetings for the despatch of scientific business held in the Society's Rooms in Hanover Square in 1906, 120 communications were made. Of these, 96 were from Fellows and 4 from Corresponding Members. The remaining 20 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 1905 was 132.

These communications were submitted to the Committee of Publication, by which 76 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.

SCIENTIFIC PUBLICATIONS.

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.

The two volumes for 1906 contain altogether 1034 pages with 70 plates and 155 illustrations in the letterpress. In the following Table are given the numbers of plates and pages of the volumes of 'Proceedings' for the past ten years:—

	plates.	pages.		plates.	pages.
1897 . . .	57	1013	1902 . . .	68	813
1898 . . .	66	1091	1903 . . .	57	780
1899 . . .	72	1108	1904 . . .	60	1010
1900 . . .	62	1063	1905 . . .	37	937
1901 . . .	69	1144	1906 . . .	70	1034

Transactions.

Of the Society's quarto 'Transactions' one part was published in 1906, viz. :—

VOL. XVII. PART VI. (October, 1906).

Fourth Contribution to the Ichthyology of Lake Tanganyika. Report on the Collection of Fishes made by Dr. W. A. Cunnington during the third Tanganyika Expedition, 1904-05. By G. A. Boulenger, F.R.S., V-P.Z.S. (With 12 Plates.)

Another memoir, of which the title is subjoined, has been ordered by the Committee of Publication to be printed in the 'Transactions,' and is being proceeded with:—

On new or rare Cumacea from the Collection of the Copenhagen Museum. Part I. The families *Bodotriidæ*, *Vauntomponiidæ*, and *Leuconidæ*. By W. T. Calman, D.Sc., F.Z.S., British Museum (Natural History).

Zoological Record.

The 42nd volume of the 'Zoological Record' (which contains a summary of the work done by Zoologists all over the world in 1905), edited by Dr. David Sharp, F.R.S., was published and issued to the subscribers early in the present year.

The 'Zoological Record,' beginning with Vol. 40, is published by the Society at the price of 40s. per volume. All Fellows of the Zoological Society have the privilege of receiving it, including the cost of delivery, at

a subscription price of 30s. per annum, the subscription being due on the first of July each year.

Beginning with Volume 39, each section of the 'Zoological Record' has been published separately as soon as ready. At present each volume consists of 20 separately paged divisions, which may be obtained in paper covers, stitched and lettered, at the following prices:—

	s.	d.
List of Abbreviations of Journals, &c.	2	0
I. General Subjects	2	6
II. Mammalia	2	6
III. Aves	6	0
IV. Reptilia and Batrachia	2	6
V. Pisces	2	6
VI. Tunicata	1	0
VII. Mollusca	4	0
VIII. Brachiopoda	1	0
IX. Bryozoa	1	0
X. Crustacea	2	6
XI. Arachnida	2	0
XII. Myriopoda	1	6
XIII. Insecta	12	0
XIV. Echinoderma	3	6
XV. Vermes	3	0
XVI. Coelenterata	1	6
XVII. Spongiæ	2	0
XVIII. Protozoa	2	0
Index of new names of genera and subgenera	2	0

The amalgamation referred to in the 'Report' for 1905, has now been arranged in detail, and it is expected that the first volume under the new arrangement (= Vol. 43 of the 'Zoological Record,') relating to the literature of 1906, will be published in the end of this year. Fellows who subscribe to the 'Record' will receive this volume in the same binding and on the same terms as Vol. 42.

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.

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, or one shilling bound in art-cloth cover. The copyright and the profits of sale belong to the Society. Since 1903, when the first edition was published, 128,133 copies have been sold. The fifth edition, with 50 new illustrations from photographs taken by Mr. W. P. Dando, F.Z.S., Mr. Henry Irving, and Mr. B. L. Medland, will be on sale before this Report is issued.

A Special "Guide to the Prince of Wales' Indian Collection" written by Mr. Frank Finn, F.Z.S., with an introduction by the Secretary, and illustrated with 15 reproductions of photographs taken by Mr. W. P. Dando, F.Z.S., was issued early in June, and was disposed of by sale and distribution.

POST CARDS.—Pictorial Postcards made from illustrations in the Guide were on sale during the year, and have met with great approval from the public.

Upwards of 300,000 of these Postcards of the animals have been sold during the past three years.

A series of 12 coloured Pictorial Postcards has been arranged for, and, it is expected, will be on sale before this Report is issued.

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 2,100 visits were paid to it by Fellows and persons introduced by them. About 1,690 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 I. Fasc. 1, 2 (1906).
	Sitzungs. der k. böhmischen Gesell. der Wissensch. Prag. 1904-05.
Trustees of the British Museum.	Andrews. A Descriptive Catalogue of the Tertiary Vertebrata of the Fayûm, Egypt. 1905.
	Bernard. Catalogue of the Madrepora- rian Corals. Vol. V. 1905.
	Distant. Synoptic Catalogue of Homop- tera. Part I. Cicadidæ. 1906.
	Guide to the Reptiles and Amphibia. 1906.
J. M. Dent & Co.	Sir William Flower. By R. Lydekker. 1906.
F. Finn	Garden and Aviary Birds of India. 1906.
	How to know the Indian Waders. 1906.
	'Indian Field' 1906.
E. Haeckel.....	Prinzipien der generellen Morphologie der Organismen. 1906.
Essex Inst. Salem, Mass.	Geology of Essex County, Mass. By J. H. Sears. 1905.
E. Lönnberg.....	Contributions to the Fauna of South Georgia. Part I. 1906.
Madras Government Museum	Ethnographic Notes in Southern India. By E. Thurston. 1906.
G. Maynard	Catalogue of the Saffron Walden Museum. 1845.
P. Chalmers Mitchell ...	Journal of the Society for the Preserva- tion of the Wild Fauna of the Empire. Vol. II.
	Life and Evolution. By F. W. Headley. 1906.
H.S.H. Albert, Prince of Monaco.	Résultats des Campagnes scientifiques accomplies sur son Yacht par Albert 1 ^{er} Prince Souverain de Monaco. Fasc. xxxii.
	Bulletin du Musée Océanographique de Monaco. Nos. 56-86.

<i>Donor.</i>	<i>Donation.</i>
F. Moore	The Zoological Gardens; a Handbook for Visitors. 1838.
A. Owen & Co.....	Haeckel's Last Words on Evolution. Translated by J. McCabe. 1906.
E. B. Poulton	Hope Reports. Vol. V. 1903-06.
Royal College of Surgeons of England.	Descriptive Catalogue of the Dermatological Collection. 3rd ed. 1895.
Do. do.	Catalogue of the Physiological Series of Comparative Anatomy. 2nd ed. Vols. I., II. 1900-02.
Howard Saunders	Nature-Tones and Under-Tones. By J. M. Boraston. 1905.
P. L. Selater	Bulletin of the British Ornithological Club. Vol. IX.
University Mus. of Zoology, Cambridge	Twenty-two Papers on the Zoology of the Skeat Expedition.
L. A. Waddell	Lhasa and its Mysteries. 2nd and 3rd eds. 1905 and 1906.
Max Weber	'Siboga'-Expeditie Monographs. Parts x., xiiia., xxi., xxvibis. xxx., xxxi., xxxvi., l., li., lvia.,
W. Weltner	'Archiv für Naturgeschichte,' Jahrg. 65, Bd. ii., Heft 1; Jahrg. 66, Bd. ii., Heft 3; Jahrg. 68, Bd. ii., Heft 2, Hälfte 2, Lief 1; Jahrg. 71, Bd. ii., Heft 2, Lief 1; Jahrg. 72, Bd. i., Hefte 1, 2.
A. Smith Woodward	The Fossil Fishes of the Upper Lias of Whitby. 1895-98.
H. Woodward	Sandy's Journey begun in 1610, containing a description of the Turkish Empire of Egypt, &c. 5th ed. 1652.

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

- Baldwin (J. M.) Development and Evolution. 8vo. New York, 1902.
- Blanchard (R.) Les Moustiques. 8vo. Paris, 1905.
- Buller (W. L.) Supplement to the Birds of New Zealand. Vol. II. Folio. London, 1906.
- Camper (P.). Nederlandsche Bijdragen tot de Anatomie. 3 Vols. 8vo. Haarlem, 1901-05.
- Coues (E.). Key to North American Birds. 5th edition. 2 Vols. 8vo. Boston, 1903.
- Csörgey (T.). Ornithologische Fragmente. 8vo. Gera-Untermhaus, 1905.
- Cunningham (D. J.). Text-book of Anatomy. 8vo. Edinburgh and London, 1902.

- Forster (G.). Voyage round the World in H.M.S. "Resolute," 1772-75. 2 Vols. 4to. London, 1777.
- Gregory (J. W.). The Dead Heart of Australia. 8vo. London, 1906.
- Gruvel (A.). Monographie des Cirrhipèdes ou Thécostracés. 8vo. Paris, 1905.
- Harting (J. E.). Recreations of a Naturalist. 8vo. London, 1906.
- Hopkins (John). University Circular. Vols. i.-xxiv. 4to. Baltimore, 1879-1905.
- Jordan (D. S.). A Guide to the Study of Fishes. 2 Vols. 8vo. Westminster, 1905.
- Kellogg (V. L.). American Insects. 8vo. Westminster, 1905.
- Loeb (J.). The Dynamics of Living Matter. 8vo. New York, 1906.
- Maurer (F.). Untersuchungen zur vergleichenden Muskellehre der Wirbeltiere. 4to. Jena, 1905.
- Metchnikoff (É.). Immunity in Infective Diseases. (Translation) 8vo. Cambridge, 1905.
- Millais (J. G.). The Mammals of Great Britain and Ireland. Vol. III. Folio. London, 1906.
- Norman (A. M.), and Scott (T.). Crustacea of Devon and Cornwall. 8vo. London, 1906.
- Ralfe (P. G.). The Birds of the Isle of Man. 8vo. Edinburgh, 1905.
- Ridgeway (W.). The Origin and Influence of the Thoroughbred Horse. 8vo. Cambridge, 1905.
- "Scotia." The Voyage of the. 8vo. Edinburgh and London, 1906.
- Stephens (J. W. W.), and Christophers (S. R.). The Practical Study of Malaria. 8vo. Liverpool, 1904.
- Théry (A.). Revision des Buprestides de Madagascar. 8vo. Paris, 1905.
- Wallace (A. R.). My Life: a Record of Events and Opinions. 8vo. London, 1905.
- Weeks (A. G.). Illustrations of Diurnal Lepidoptera. 8vo. Boston, 1905.

The following is a list of the principal zoological works in course of publication, of which parts were purchased in 1906:—

- Africa, Fauna of, Birds, Vol. iv. By W. L. Sclater.
- André. Species des Hyménoptères. Tome ix., fasc. 93-96.
- Baker. Invertebrata Pacifica. Vol. i., pp. 1-159.
- Barrett. Lepidoptera of the British Islands. Parts cxix.-cxxv.
- 'Belgica.' Expédition Antarctique Belge. Travaux Hydrographique, &c. Fasc. 1. By G. Lecoq. Holothuries, by E. Hérouard.
- Biologia Centrali-Americana. Edited by F. DuCane Godman, Zoology, Parts cxc.-cxciii.
- Bronn's Thier-reichs. Band ii. Abth. 2 (*Coelenterata*), Lief. 2, 3,

- Band ii. Abth. 3. (*Echinoderma*), Lief. 71-73; Band iii. (*Mollusca*), Lief. 80-89; Band v. Abth. 2. (*Arthropoda*), Lief. 75-77.
- Deutsche Südpolar-Expedition, 1901-03; Band ix. (Zool). Hefte. ii., iii.
- Distant. Insecta Transvaaliensia. Part vii.
- Dresser. Eggs of the Birds of Europe. Parts ii.-iv.
- Fauna u. Flora des Golfes von Neapel. Monogr. xxviii. *Ichthyotomus*; Monogr. xxix. *Rhizocephala*.
- Harriman. Alaska Expedition. Vols. viii., ix., xi., xii.
- Hertwig. Handbuch der vergleichenden und experimentellen Entwicklungslehre der Wirbeltiere. Lief. 27-30.
- India. Fauna of British India. Rhynchota, Vols. ii., iii. By W. L. Distant.
- Kerremans. Monographie des Buprestides. Tome i. Livr. 15-18; Tome ii. Livr. 1-8.
- Kershaw. Butterflies of Hongkong and S. E. China. Parts 1-3.
- Kobelt. Iconographie der schalentragenden europäischen Meeresconchylien. Band iv., Lief. 1, 2.
- . Rossmässler's Iconographie der europäischen Land- und Süßwasser-Mollusken. N. F. Band xii., Lief. 3-6.
- Lankester. Treatise on Zoology. Part v. (Mollusca).
- Leuckart und Chun. Bibliotheca Zoologica. Hefte xlvi.-xlviii., and l.
- Martini und Chemnitz. Conchylien-Cabinet. Lief. 506-511.
- Moore. Lepidoptera Indica. Parts 74, 75.
- Nansen. Norwegian North Polar Expedition. 1893-98. Vol. v.
- Nawa. Icones Japonicorum Insectorum. Vol. i.
- Oppel. Lehrbuch der vergleichenden mikroskopischen Anatomie der Wirbeltiere. Teil iv.-vi.
- Opuscula Ichneumonologica. Fasc. 12-14.
- Patagonia. Princeton University Expeditions, 1896-99. Vol. iv. Palæontology. Part 3. Vol. viii. Botany, Parts 6-9.
- Plankton-Expedition der Humboldt-Stiftung. Tripyleen. Von Dr. F. Immermann u. Dr. A. Borgert; Pteropoden. Von Dr. P. Schiemenz; Ostracoden. Von Dr. Vávra; Tintinnen. Von Prof. K. Brandt; Tuscaroridae. Von Dr. A. Borgert;
- Reiser. Ornis Balcanica. Band iii.
- Retzius. Biologische Untersuchungen. Neue Folge. Bd. xiii.
- Römer and Schaudinn. Fauna Arctica. IV., Lief. 3.
- Selenka. Studien über Entwicklungsgeschichte der Tiere. Hefte xiv.
- Semper. Reisen im Archipel der Philippinen. Bd. x. Heft 2.
- Shelley. Birds of Africa. Vol. v., part 1.
- Taylor. Land and Freshwater Mollusca of the British Islands. Part xii.
- Das Tierreich. Lief. xxi.
- Tryon. Manual of Conchology. Ser. 2, Parts lxix.-lxxi.
- Tutt. British Butterflies. Parts i.-xvi.
- 'Valdivia.' Wissenschaftliche Ergebnisse der Deutschen Tiefsee-Expedition auf dem Dampfer 'Valdivia' 1898-99, Band ii., Thiel. ii., Lief. 2; Bd. v., Lief. 1-3; Bd. viii., Lief. 2; Bd. ix., Lief. 2; Bd. xii., Lief. 1-3; Bd. xxiii., Lief. 1.

- Walkhoff. Studien über die Entwicklungsmechanik des Primatenskelettes, Lief. 2.
 Wichmann. Nova Guinea. Vol. v. Zoologie, Livr. 1.
 Wytsman. Genera Insectorum. Fasc. 46-49.

The following is a list of periodicals received in 1906 from the various Societies and Institutions with which this Society is in correspondence:—

AFRICA.

- Cape Town: S. Afr. Mus., Annals, v., parts 1-3; Report 1905.
 " " S. Afr. Phil. Soc., Trans. xvi., part 3.
 Grahamstown: Albany Mus., Records i., part 6.
 London: S. Afr. Ornithol. Union, Journ. i., no. 2; ii., no. 1.
 Pietermaritzburg: Natal Govern. Mus., 1st Report, 1904.

AMERICA (North).

- Berkeley: Univ. of California. Publications in Zoology, i., ii., and iii., nos. 1-8.
 Boston: Amer. Acad. of Arts and Sci., Proc. xli., nos. 16-35; xlii., nos. 1-4, 6-12; Mem. xiii., no. 3.
 " Bost. Soc. Nat. Hist., Proc. xxxii., nos. 3-12; xxxiii., nos. 1, 2; Occasional Papers, vii., nos. 4-7.
 Brooklyn: Inst. of Art. & Sci., Bull. i., nos. 7, 9; Report 1905.
 Cambridge, Mass.: Mus. Comp. Zool. Harvard Coll., Bull.; xliii., no. 4; xlvi., nos. 10-14; xlviii., nos. 2-4; xlix., nos. 1, 4; l., nos. 1-5; Mem. xxx., no. 3; xxxiii.
 Chicago: Field Mus. Nat. Hist., Rep. Ser., ii., no. 5; Zool. Ser. vi., vii., parts 1-3.
 Halifax: Nova Scotian Inst. Sci., Proc. & Trans. xi., part 2.
 Indianapolis: Indiana Ac. Sci., Proc. 1904.
 Montreal: Roy. Soc. Canada, Proc. and Trans. ser. 2, ix.
 New York: Amer. Mus. Nat. Hist., Bull. xxii., parts 1-30; Journ. vi.; Mem. ix., parts 1-3; Ann. Rep., 1905.
 " " N. Y. Acad. Sci., Annals, xvi., part 3; xvii., part 1.
 " " Zool. Soc., Rep. 10th 1905 (1906); Bull. nos. 19-23.
 Ottawa: Geol. Surv. of Canada, Rept., xiv., xv.
 Philadelphia: Acad. Nat. Sci., Proc., 1906; Entomol. News, xvii., nos. 1-10; Journ. ser. 2, xiii., no. 2.
 " Amer. Ent. Soc., Trans. xxxii., nos. 1, 2.
 " Amer. Phil. Soc., Proc. xlv., no. 181; xlv., nos. 182, 183; Trans. n.s. xxi., parts 2, 3.
 Pittsburg: Carnegie Mus. Annals, iii., no. 4; Memoirs, ii., nos. 6-9; iv., no. 1; Report, 1906.
 Toronto: Univ. of Toronto, Studies (Biol. Ser.), no. 5.
 Urbana: Illinois State Lab. Nat. Hist., Bull. vii., article 5.
 Washington: Biol. Soc., Proc. xviii., pp. 227-262.
 " Carnegie Inst., Publications nos. 23, 24, 30, 52.
 " Dept. of Comm. and Labour, Bureau of Fisheries, Bull. xxiii., part 3; xxiv.

- Washington: Smiths. Inst., Contr. to Knowledge, xxxiv. Miscell. Coll. (Quarterly issue); iii., part 2.
 " U. S. Nat. Mus., Proc. xxix., xxx.; Bull. nos. 54, 55; Ann. Rep. 1904.
 " U. S. Geol. Surv., Monographs, xxxii. and xlvi. ; Ann. Rep., xxvi.; Bull. nos. 247, 251, 256, 263, 265-272, 274-278, 280-282, 288, 291; Professional Papers nos. 34, 36-38, 40, 42, 43, 45, 47-50; Water-supply Papers nos. 123, 125, 127, 129-131, 133, 156, 158, 163, 165-167, 169-171, 173, 176, 178; Mineral Resources, 1904.
 " U. S. Dep. Agric. (Division of Entomol.), Bull. N. S. nos. 21, 24, 55-60, 62; (Technical Ser.) no. xii., parts, 1, 2; Farmer's Bull., nos. 230, 264, 265.
 " Washington Ac. Sci., Proc. vii., pp. 301-402; viii., pp. 1-196.

AMERICA (South).

- Buenos Aires: Nat. Mus., Anales, ser. 3., v.
 Montevideo; Nat. Mus., Anales, ser. 2. ii. entrega 1, 2.
 Pará: Goeldi Mus., Boletim, iv., no. 4.

AUSTRALIA.

- Adelaide: Roy. Soc. S. Austr., Trans. xxix., Mem. 1 part 3.
 Melbourne: Roy. Soc. Vict., Trans. & Proc.; xviii., part 2; xix., part 1.
 Sydney: Austr. Mus., Records, vi., part 3; Report 1904-05; North. Nest & Eggs of Australian Birds. Vol. ii. part 1.
 " Linn. Soc. N.S.W., Proc. xxx., parts 3, 4 and Suppl., xxxi., parts 1-3.

AUSTRIA-HUNGARY.

- Budapest: Roy. Hung. Mus., Annales, iv., part 1.
 Cracow: Acad. Sci., Bull. 1905, nos. 8-10; 1906, nos. 1-3; Proc. xxxviii.
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Donations, memoirs, and papers have also been received from:—H.S.H. Prince Albert of Monaco; Dr. F. Ameghino; the Editors of the "American Journal of Science"; the Editor of the "Athenæum"; the Avicultural Society; A. F. Bandelier, Esq.; Dr. Jacques de Bedriaga; The Librarian of the Bristol Public Libraries; Central Committee of Ornithology, Budapest; T. G. Carson, Esq.; F. Chapman, Esq.; T. F. Cheeseman, Esq.; Dr. A. Cligny; C. R. Crosby, Esq.; Danish Biological Station; Stanley Edwards, Esq.; Frank Finn, Esq.; Capt. Stanley S. Flower; Prof. F. Foerster; the Foreign Bird Club; the Trustees of the late W. H. Gillespie, Esq.; Dr. E. A. Goeldi; E. W. L. Holt, Esq.; the Editor of the "Indian Forester"; Department of Agriculture for Ireland (Fishery Branch); the Royal Zoological Society of Ireland; Herr A. S. Jensen; the Rev. F. C. R. Jourdain; the Editors of the "Journal of Comparative Pathology and Therapeutics"; Prof. A. Kölliker; Dr. W. Leisewitz; the London University College; Dr. E. Lönnberg; Dr. L. von Lorenz; A. Meek, Esq.; Dr. P. Chalmers Mitchell; Dr. K. Möbius; Prof. F. S. Monticelli; Major W. H. Mullens; C. W. Nash, Esq.; the Editor of "Nature"; the Agent-General for New South Wales; the New South Wales Naturalists' Club; New South Wales Zoological Society; Dr. T. S. Palmer; Mons. P. A. Pichot; E. A. Porter, Esq.; R. H. Porter, Esq.; the Zoological Society of Philadelphia; J. R. Radford, Esq.; E. C. Reed, Esq.; the Hon. Walter Rothschild; Dr. M. Sassi; Dr. P. L. Sclater; Dr. R. W. Shufeldt; Dr. F. Silvestri; T. Southwell, Esq.; Prof. H. Théel; Tufts College, Mass.; the Zoological and Acclimatisation Society of Victoria; F. H. Waterhouse, Esq.;

H. R. Watkin. Esq.; the Marine Biological Association,
West of Scotland.

PROSECTORIAL DEPARTMENT.

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

The work carried out in the Prosectorium may be considered, as in former reports, under four heads, viz.,
(1.) Anatomical Research carried on in the Laboratory.
(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.) *Anatomical Research carried out in
the Laboratory.*

The Prosector has during the past year dissected a large number of the animals, particularly Mammalia and Reptiles, which have died in the Menagerie during the period. The results of the investigations into the structure of these animals are partly embodied in a long series of papers communicated to the Society and published in the 'Proceedings.' The amount of matter communicated by the Prosector to the four parts of the 'Proceedings' which appeared during the year 1906 amounts to about one-seventh of the whole; and the proportion which these contributions bear to memoirs upon anatomical subjects communicated by others to the 'Proceedings' is very much greater. Dr. Sambon has carried out a great deal of work upon the parasites of the animals which have died in the Menagerie, and has accumulated much material for study.

(2.) *Materials supplied for purposes of Research and
to Museums.*

The Prosector has been able to assist a number of workers in Zoology with material for their researches. A series of thymus glands from many mammals has been forwarded to Prof. Noel Paton, some mammalian brains

to Dr. Mott, F.R.S., the placentas of two zebras and of the Javan chevrotain to Dr. Assheton, and a marsupial spinal cord to Dr. Ninian Bruce. Specimens have been sent to the British Museum and to the Bristol Museum, and a number of anatomical preparations to the Museum of the Royal College of Surgeons. Some of the last illustrate new facts communicated by the Prosector to the Society. During the year, some papers have been published which were based upon material supplied to the authors by the Prosector. Among these are a memoir upon the internal ear of certain animals, by Dr. Gray, in the 'Proceedings' of the Royal Society, a detailed account of certain parts of the heart in a series of mammals by Dr. Keith and a colleague, whilst a memoir by Mr. L. Crawshay, which was written as the result of anatomical work carried out in the Prosectorium and elsewhere, has been accepted by the Society for publication.

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

Some additions have been made to the gradually increasing stock of spirit or formol preserved material for the future use of the Prosector or of others.

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

A number of letters have been written and verbal information given by the Prosector to persons enquiring upon zoological matters. The Prosector also has examined and reported upon collections of Oligochaeta sent for this purpose by the British Museum, the Museum of Christiania, and several private individuals. Three of the contributions to the 'Proceedings' made by the Prosector during the past year refer to such material.

Dr. C. G. Seligmann, F.Z.S., the Society's pathologist, has continued to study the causes of deaths at the Gardens. His detailed observations are preserved in permanent form at the Prosectorium, and his "Report on the Deaths" during 1906 was read at the Scientific Meeting of the Society on February 19th, 1907, and will be published in full in Part I. of the 'Proceedings' for 1907.

THE GARDENS, REGENT'S PARK.

THE PRINCE OF WALES' INDIAN COLLECTION.

The most important event of the year was the exhibition, in the North Garden, of a fine collection of Indian animals. In the course of his tour in India in 1905 and 1906 H.R.H. The Prince of Wales, Vice-Patron of the Society, had arranged to visit the native State of Nepal. The Government of Nepal and His Highness Maharajah Sir Chandra Shum Shere Jung, R.B., G.C.S.I., had made a representative collection of the fauna of Nepal for presentation to His Royal Highness. The Prince of Wales, following the generous example of His Majesty The King, Patron of the Society, who, on returning from India in 1876, sent a magnificent collection of animals to our Gardens, telegraphed to London, asking if the Society would arrange to receive and exhibit the collection. The Zoological Society accepted the offer with the greatest pleasure, and our President, the Duke of Bedford, added to a long series of gifts to the Society, by promising to defray the heavy cost of transport to London. Mr. Arthur Thomson, Assistant Superintendent of the Zoological Gardens, and Keeper J. Shelley at once proceeded to Calcutta, where, at the Zoological Gardens, by the kindness of the Calcutta Zoological Society, the animals were received on their arrival from Nepal. The collection left Calcutta on May 6th, by the S.S. "Tactician," in charge of Mr. Thomson, Shelley, and two native keepers, and arrived at Tilbury Docks on June 8th, 1906.

Owing to a severe outbreak of cholera, the visit of the Prince of Wales to Nepal had to be postponed and ultimately abandoned. On account of this inevitable delay, and also of the great heat in Calcutta, the original collection had suffered severely, a representative series of pheasants, for instance, being practically completely lost. On the voyage to London, however, thanks to the care of those in charge, there were very few deaths,

and the animals in the following list arrived at the Gardens:—

THE NEPALESE COLLECTION.

- 2 Nylghaies ♂ et ♀ (*Boselaphus tragocamelus*).
- 3 Tigers (*Felis tigris*).
- 2 Leopards (*Felis pardus*).
- 2 Himalayan Bears (*Ursus tibetanus*).
- 1 Rhinoceros (*Rhinoceros unicornis*).
- 1 Elephant (*Elephas indicus*).
- 2 Burrhel Sheep (*Ovis burrhel*).
- 2 Thars (*Hemitragus jemlaicus*).
- 2 Muntjac Deer (albino) (*Cervulus muntjac*).
- 1 Musk Deer (*Moschus moschiferus*).
- 3 Axis Deer (*Cervus axis*).
- 2 Hog Deer (*Cervus porcinus*).
- 2 Sambhur Deer (*Cervus aristotelis*).
- 2 Barasingha Deer (*Cervus duvaucelli*).
- 1 Goral Antelope ♀ (*Nemorhædus goral*).
- 1 Four-horned Antelope (*Tetraceros quadricornis*).
- 5 Indian Antelopes (*Antilope cervicapra*).
- 7 Domestic Sheep (*Ovis aries*).
- 1 Tibetan Mastiff (*Canis familiaris*) (var.).
- 1 Himalayan Monal (*Lophophorus impeyanus*).
- 2 Nepal Kaleeges (*Euplocamus leucomelanus*).
- 1 Chukar Partridge (*Caccabis saxatilis*).
- 2 Green-winged Doves (*Chalcophaps indica*).
- 2 Orange-headed Ground Thrushes (*Geocichla citrina*).
- 1 Black Francolin (*Francolinus vulgaris*).

PRESENTED BY MAJOR F. G. BEVILLE.

- 3 Indian Wild Dogs (*Cuon primævus*).

PRESENTED BY CAPT. D. B. BLAKEWAY.

- 1 Markhoor (*Capra megaceros*).

PRESENTED BY W. B. COTTON, ESQ.

- 1 Barasingha Deer (*Cervus duvaucelli*).

RECEIVED IN EXCHANGE FROM THE CALCUTTA
ZOOLOGICAL GARDENS.

- 1 Banteng (*Bos sondaicus*).
- 2 Wandaroo Monkeys (*Macacus silenus*).
- 1 Silvery Gibbon (*Hylobates leuciscus*).
- 1 Blyth's Nicobar Parrakeet (*Palæornis caniceps*).
- 1 Russell's Viper (*Vipera russelli*).

The Council decided to arrange for the separate exhibition of the Indian Collection during the summer of 1906. The most suitable site was a large area on the north bank of the canal within the boundaries of the Gardens, but, on account of its inaccessibility, not hitherto occupied. By a fortunate coincidence, the Primrose Hill Bridge over the Canal was about to be repaired, and H.M. Commissioners of Works, in the special circumstances, most kindly agreed to allow the bridge to be doubled and to give the Society a right of way over two small unoccupied portions of ground, so that there is now direct access across the Canal at each end of the Gardens to the newly laid-out area. The new part of the Gardens is to be called "The Prince of Wales' Ground," and it is hoped that in later years special collections from other parts of the Empire may be displayed therein. The Prince of Wales' Collection was thus not only a valuable addition to the Society's Menagerie, but was the direct means of a great permanent improvement to the Gardens.

The Indian Collection was inspected on June 13th, 1906, by the Prince and Princess of Wales, with Princes Edward and Albert, Princess Victoria, and suite. Their Royal Highnesses were received and conducted round the Gardens by the President of the Society, the Duke of Bedford, the Duchess of Bedford, the Secretary, and the Members of the Garden Committee. Immediately afterwards the exhibition was opened to the public, and continued to be a great attraction throughout the summer.

In connection with the Indian Exhibition, the Council wish to record the indebtedness of the Society to their Royal Highnesses the Prince and Princess of Wales, to the Government of Nepal and His Highness Maharajah

Sir Chandra Shum Shere Jung, to Major Manners Smith, British Resident in Nepal, to the Zoological Society of Calcutta and the officials at the Calcutta Zoological Gardens, to His Grace the Duke of Bedford, our President, and to the Right Hon. L. V. Harcourt, M.P., F.Z.S., H.M. First Commissioner of Works. Special gratuities were given to Mr. Arthur Thomson and Keeper Shelley for their efficient services in Calcutta and on the voyage home. The Council also wish to state their high appreciation of the ability shown by Mr. Young, the Head Gardener, in laying out the new ground under great pressure of time.

NEW WORKS AND REPAIRS.

NORTH GARDEN.

NEW CANAL BRIDGE.—This was erected by H.M. Office of Works in less than three months from the time when negotiations with regard to it were begun, so that it was ready for use before the Indian Collection was opened. The boundary of the Gardens passes through the middle line of the bridge, the outer half replacing the old public footway, whilst the inner half is for the service of our visitors. The Society paid to H.M. Office of Works the difference between the actual cost and the sum that would have been necessary to repair the original public bridge.

CANAL BANK FENCING.—The dilapidated wooden fence along the north bank of the canal where it passes through the Gardens was replaced by a light iron railing.

PRINCE OF WALES' GROUND.—The old site was cleared of undergrowth and rubbish; the upper portion of the ground was levelled, and sheds and enclosures for the animals were erected; a number of new paths were cut and laid with gravel, and the sloping bank of the canal was trimmed and planted.

MIDDLE GARDEN.

CANAL BANK FENCE.—The greater part of the old fence was replaced by a light iron railing.



The Zoological Society's Gardens.

THE DEER AND CATTLE SHEDS, 1906.

NEW PATHS.—The path in front of the Zebra House was carried through the new ground to the south end of the new bridge. Very extensive alterations were made between the canal and the back of the Zebra and Giraffe Houses involving the clearing of much rough ground, removal of old buildings, and cutting and laying new paths.

JAPANESE DEER YARD.—The old shelter was replaced by a new wooden structure.

MINOR REPAIRS.—The Elephant Yard and many of the smaller buildings were cleaned and painted. The office was cleaned and repapered.

SOUTH GARDEN.

DEER AND CATTLE SHEDS.—This was the largest and most expensive alteration carried out during the year. The old cattle sheds and paddocks were cleared away, and a new range of buildings was erected parallel with the deer sheds. This was provided with a passage for visitors and fitted for cattle, each stall being supplied with a rack and an earthenware combined feeding and water trough, water being laid on to each compartment. The old deer sheds were re-roofed and refitted, and a covered passage for visitors provided. A set of large paddocks was formed round the new buildings. An illustration of the new deer and cattle sheds, from a photograph by Mr. B. L. Medland, appears with this Report.

NEW BIRD-HOUSE.—As stated in the Report for 1905, Mr. C. Czarnikow, F.Z.S., made the generous donation of £1,000 towards the cost of erecting a house suitable for the exhibition of tropical birds, now inconveniently housed with the parrots and in the Insect House. After considerable delay, due to difficulties arising under the London Buildings Acts, the plans were finally approved by the London County Council in the course of 1906, and the new house is now completed. It consists of an iron framework with roof and walls of the fireproof materials known as "Uralite" and "Kentish slab." The walls are double, enclosing a large air space, and the floor is of

concrete. In the interior there are large flight cages on the two longer sides, and tiers of smaller cages on the end walls and along the centre. On the outside, along the south side, there is a range of open-air aviaries. Combined heating and ventilating is provided on the "Langfield" system, by which a current of filtered, warmed and moistened air passes through the interior. An illustration of the new House, from a photograph by Mr. B. L. Medland, is issued with this Report.

MONKEY HOUSE.—The interior was thoroughly washed and cleaned, and the old wooden cages removed. The building was then disinfected, and the Council desire to record their appreciation of the advice and practical assistance given by Dr. M. H. Gordon, a specialist on ventilation and disinfection. The interior was repainted and new cages fitted. Combined heating and ventilation were arranged for from the apparatus provided for the new Bird House.

LION HOUSE.—Formerly the only communication between the inner dens and the large outdoor cages along the north side of the house was by a single moveable gangway. To make it possible to give the lions and tigers a more ready access to the open air, several bridges across the service passage have been erected. Wooden shelters have been placed in the outdoor cages.

ANTELOPE Paddock.—The large open paddock, begun in 1905, was completed early in the year and appears to be suitable for the animals and to give great pleasure to visitors.

THE OTTER POND.—A large enclosure, with ornamental rock-work, on the site of the old cage and some adjacent ground, was completed.

THE TUNNEL POND.—This was repaired and decorated with rock-work.

THE EASTERN AVIARY.—Extensive repairs were done, including re-wiring of the outer aviaries.



The Zoological Society's Gardens.
THE SMALL BIRDS' HOUSE, 1907.

ANTHROPOID APE-HOUSE.—Small out-door cages were provided for some of the smaller apes.

GREAT AVIARY.—This was re-painted. In the end of the year the birds were removed from it, a new drain was put in, and the soil was dug over and left for some time to be purified by exposure to light and air.

TORTOISE HOUSE.—This was thoroughly repaired and re-painted.

MAIN DRAIN.—A new drain was laid along the broad walk, to replace a dilapidated old brick conduit.

MINOR REPAIRS.—Very many were carried out all over the Gardens, and although the number of works going on made it impossible to roll all the paths, many were drained and relaid.

GARDENING DEPARTMENT.—Under the active and capable superintendence of Mr. Young, the Society's Head Gardener, in addition to the laying out of the new paths and new ground, much clearing was done and a very large number of new shrubs were planted. The floral display, for which the Gardens have for long been well known, was extremely successful.

NEW WORKS IN PROGRESS.

Owing to the unexpectedly heavy nature of the operations of 1906, due to the changes connected with the Prince of Wales' Ground and the New Bridge coming in addition to the programme that had already been arranged, the Council do not propose to undertake any extensive operations in the year 1907. The general maintenance and restoration of the Gardens will be proceeded with; special attention will be given to the condition of the roads and paths; flight-cages are to be added to the Kestrels' and Kites' Cages, and it is possible that a small building for the exhibition of Falcons may be built. Many of the ponds will be refenced, cleared of undergrowth, and planted with suitable grasses and reeds.

STAFF AT THE GARDENS.

The Superintendent.

The Prosector.

The Pathologist.

Menagerie.

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

Works.

1 Clerk of the Works.	1 Networker.
6 Carpenters.	10 Painters (average).
2 Bricklayers.	1 Writer.
1 Smith.	10 Labourers.
2 Wireworkers.	2 Boys.
1 Engine-driver.	

Gardens.

1 Head Gardener.	13 Garden Labourers.
3 Propagators.	1 Boy.

Prosectorium.

1 Assistant.	1 Boy.
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A large number of workmen and labourers have been employed from time to time for special works.

VISITORS.

The total number of visitors to the Society's Gardens during the year 1906 amounted to 896,423, showing an increase of 180,943 visitors as compared with the previous year. This large attendance of visitors may be accounted for by the presence of H.R.H. the Prince of Wales' Collec-

tion of Indian Animals, and by the increased attractiveness of the Gardens generally, as well as by the fine weather which prevailed during the greater part of the year. Upon reference to the Table of Visitors (page 33) it will be found that the number admitted during the year 1906 has been exceeded only once before in the history of the Society, namely, in 1876, when His Majesty King Edward presented his Collection of Indian Animals to the Society's menagerie.

With the approval of a very large majority of the Fellows resident in this country, whose opinion had been taken by circular, the Council made the experiment of reducing the price of admission to the Gardens to sixpence for the Saturdays in August. Partly as a compensation for the probable crowding on Saturdays (on which days a large number of Fellows have always visited the Gardens) it was arranged to have a band playing on Thursday afternoons. The reduction of the price of admission was extensively advertised in the press and by means of bill-posters. Notwithstanding the fine weather and the special attraction of the Indian collection, no great advantage was taken of the reduced rate, and the Council do not propose, at present, to continue the experiment.

The following table summarises the different classes of Visitors to the Society's Gardens during the last two years :—

	1905.	1906.
Fellows and Companions	28,307	34,357
Do. Saturday orders	14,189	13,678
Do. Sunday orders	46,344	49,273
Do. Green tickets	84,530	104,340
Do. Buff tickets	13,151	15,341
Do. Ivory tickets	858	1,110
Honorary Admission tickets	1,469	1,595
Red tickets (Complimentary)	1,206	1,193
Artists' tickets	350	352
Excursion tickets (reduced price)	3,443	5,135
Carried forward	193,847	226,374

	1905.	1906.
Brought forward ...	193,847	226,374
Single tickets sold in office at ordinary price	608	471
Paying visitors at 1s. each... ..	185,964	233,212
Do. do. Mondays and other days at 6d. each	267,632	349,557
Do. do. Children at 6d. each	51,976	63,170
Staff... ..	67	113
Children from rate-aided Schools ...	15,386	16,716
Police ... ..	...	6,810
	<u>715,480</u>	<u>896,423</u>

Of the total number of visitors in 1906, no less than 133,255 were admitted on Sundays.

Visitors paying at the turnstiles continued to show an increase, the number admitted in this way during the past year having been 645,939, or an increase of 140,367 as compared with the year 1905.

The numbers of visitors on Bank Holidays are always interesting. Easter Monday is the best day of the year, and the numbers depend less on the weather than in the case of other Bank Holidays. The greatest number admitted to the Gardens on any one day occurred on Easter Monday, 1901, when 46,599 visitors passed the Turnstiles. The total number of visitors admitted upon the three principal Bank Holidays in 1906 amounted to 106,724, an increase of 15,439, as compared with the corresponding holidays of the previous year.

NUMBER OF VISITORS ON BANK HOLIDAYS.

	1906.	1905.
Easter Monday...	43,061 (Fine)	38,071 (Fine)
Whit-Monday ...	35,969 (Fine)	31,608 (Fine)
First Monday in August	27,694 (Very fine)	21,606 (Showery)

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, 1828-1906.

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

* Year of the Great Exhibition.
† Year of the International Exhibition.
‡ Year of the exhibition of H.M. King Edward's Indian Menagerie.
** Year "Jumbo" left the Gardens.
§ Year of the exhibition of the Prince of Wales' Indian Collection.

FELLOWS' TICKETS.

In accordance with the resolution adopted by the Council at their Meeting held on January 17th, 1906, sixty green undated cards for the year 1907 were posted on December 28th, 1906, to all Fellows who had given no specific instructions with regard to their annual supply of admission tickets to the Society's Gardens. The option, however, was still open to such Fellows to exchange these Green cards for the dated Saturday or Sunday order books in the proportion of twenty green cards for each entire book.

Number of Saturday and Sunday order books, Green and Buff cards issued for the years :—

	1903.	1904.	1905.	1906.	1907.
Saturday order books ...	1,218	1,174	1,150	1,101	163
Sunday order books ...	2,175	2,159	2,126	2,120	1,202
Green cards. (Adults)...	116,183	121,635	126,407	131,883	178,589
Buff cards. (Children)...	11,834	11,850	12,266	12,634	15,062

It may be interesting to point out that, in connection with this alteration in the system of distribution of Fellows' tickets, only forty-three Saturday and fifty-eight Sunday order books for the present year have been issued additional to the numbers quoted in the above table, thus showing the preference amongst Fellows for the undated cards.

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 50 Tickets for a Mixed Party of Adults with not less than 20 Children (under 12 years of age) may now be obtained for any fixed date (except Sunday) at the Society's Office, 3, Hanover Square, W., for the sum of thirty-three shillings (33s.) per packet.

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 (11s.) 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.

Admission to the Gardens on Sundays can be obtained only by an Order from a Fellow.

MENAGERIE.

Provisions.

The commissariat at the Gardens is of considerable interest. The following table gives the chief items of expenditure paid in 1905 and 1906 :—

	1905.			1906.		
	£	s.	d.	£	s.	d.
Horses	239	9	0	267	10	0
Goats	145	15	4	150	18	7
Live Fish	130	18	3	134	9	3
Food for Insectivorous Birds, &c.	97	14	8	145	2	4
Fruit	249	9	3	312	18	0
Vegetables and Roots ...	121	13	8	138	18	7
Fish	289	5	11	361	4	11
Eggs	86	5	0	92	16	5
Milk	105	18	2	126	2	6
Bread	74	15	0	63	5	3
Biscuit	163	8	0	156	6	6
Corn and Seeds	275	19	3	309	19	6
Oats	189	0	9	206	2	6
Bran	78	10	0	71	11	0
Maize	65	8	5	62	10	9
Meadow Hay	431	16	0	457	12	1
Clover Hay	551	14	3	449	4	0
Lucerne, Sainfoin, &c. ...	35	0	0	145	13	6
Fowl Heads	55	11	0	71	1	6
Miscellaneous	131	7	10	133	2	0
	<u>£3518</u>	<u>19</u>	<u>9</u>	<u>£3856</u>	<u>9</u>	<u>2</u>

The quantity and nature of the food consumed in the Society's Menagerie in 1906 are shown by the subjoined Table :—

Clover	105	lds	Dari	7	qrs.
Hay	126	"	Beans	8	"
Sainfoin... ..	3	"	Maize	48	"
Lucerne... ..	11	"	Bran	126	"
Straw	142	"	Canary Seed ...	14 $\frac{1}{4}$	"
Oats	179	qrs.	Hemp Seed ...	9	"
Barley	31	"	Millet Seed ...	8 $\frac{1}{2}$	"
Wheat	42	"	Buckwheat ...	5 $\frac{1}{2}$	"

Peas	18½ bus.	Currants	125 lbs.
Millet Spray	54 bchs.	Figs	237 „
Mawseed	20 lbs.	Meat Extract	76 jars.
Rice	45¼ cwt.	Greens	520 bus.
Oil-cake	35¼ „	Carrots	93 cwt.
Bread	5,946 qtns.	Carrots	990 bchs.
Milk (Fresh)	743 gals.	Potatoes	119 cwt.
Milk (Preserved)	2,800 tins.	Cress	1,387
Eggs	28,693.		bunches.
Biscuit	388 cwt.	Bananas	4,589 doz.
Horses	216	Apples	911 pks.
weighing	119 tons	Apples	27 cases.
Goats	246	Grapes	2,414 lbs.
weighing	1,199 stone.	Oranges... ..	6,456.
Beef	2,224 lbs.	Dates	1,575 lbs.
Flounders	4,015 „	Monkey Nuts	35 cwt.
Plaice	12,187 „	Spanish Nuts	18 pks.
Fresh Herrings... ..	7,012 „	Brazil Nuts	105 lbs.
Whitings	90,254 „	Lettuce	790 doz.
Shrimps	2,555 pints.	Lemons	612.
Fowl-heads	34,282.	Onions	53 bchs.
Sugar	524 lbs.	Marrows	65.
Raisins	245 „		

There is an increase in some of these quantities as compared with the corresponding figures for 1905, due partly to there being more animals and partly to the rations of many having been raised. The addition in the case of fruit is due to there having been a larger number of frugivorous birds and small mammals, whilst the quantities of fruit and potatoes supplied to the monkeys were raised. The rice and preserved milk were required for the young elephant, the young Indian and African rhinoceroses and for the young hippopotamus. The larger number of sea-lions and the penguins account for the increased consumption of fish. Beef has been required partly because on one occasion the supply of horses failed, and because it has been found that the Siberian tigers, presented by the President, thrive better on beef than on horse-flesh.

GENERAL CONDITION OF THE ANIMALS.

The general health of the collection has been good. The most serious loss was that of the large female giraffe, which had been in poor health for some time, but which

unfortunately was found to be pregnant. There has been a notable improvement in the health of the monkeys since the Monkey House was disinfected and repaired. None the less, the health of those kept in open-air cages without artificial heat has been markedly better than that of the inhabitants of the houses.

Every opportunity has been taken to increase the space given to animals. Some experiments have been made with setting animals at liberty. Several kites have complete freedom, and may be seen hovering above the Gardens, to which they return to be fed. From time to time some of the grey squirrels have been allowed to leave the squirrels' enclosure, and some of these appear to be establishing themselves permanently in the Gardens. A private Committee has deposited a number of exotic pigeons and doves, chiefly from Australia; and after these have become habituated to be fed in the open, it is intended to allow them complete liberty.

BREEDING.

List of Mammals, bred in the Gardens in 1906.

- 1 Japanese Ape (*Macacus sinicus*).
- 1 Hybrid Macaque (*Macacus cynomolgus* × *M. rhesus*).
- 1 Black Lemur (*Lemur macaco*).
- 2 Ring-tailed Lemurs (*Lemur catta*).
- 1 Hybrid Lemur.
- 5 Timber Wolves (*Canis occidentalis*).
- 2 North African Jackals (*Canis anthus*).
- 8 Dingos (*Canis dingo*).
- 11 Cairo Spiny Mice (*Acomys cahirinus*).
- 2 Hybrid Somali Asses (*Equus somalicus* × *E. asinus*).
- 1 English Wild Bull (*Bos taurus*) (var.)
- 1 Yak (*Poëphagus grunniens*).
- 1 Eland (*Taurotragus oryx*).
- 1 Nylghaie (*Boselaphus tragocamelus*).
- 2 Thars (*Hemitragus jemlaicus*).
- 1 Mouflon (*Ovis musimon*).
- 2 Punjaub Sheep (*Ovis vignei*).
- 2 Burrhel Sheep (*Ovis burrhel*).
- 2 Barbary Sheep (*Ovis tragelaphus*).
- 5 Japanese Deer (*Cervus sika*).

- 1 Hybrid Japanese Deer (*Cervus sika* × *C. tævanus*).
- 1 Sambur Deer (*Cervus aristotelis*).
- 1 Duke of Bedford's Deer (*Cervus xanthopygus*).
- 1 Rufescent Rat Kangaroo (*Æpyprymnus rufescens*).
- 1 Sooty Phalanger (*Trichosurus fuliginosus*).

List of Birds hatched in the Gardens in 1906.

- 1 Tickell's Ouzel (*Merula unicolor*).
- 1 Silver-eared Mesia (*Mesia argentauris*).
- 2 Black-crested Cardinals (*Gubernatrix cristatella*).
- 3 Saffron Finches (*Sycalis flaveola*).
- 2 Leadbeater's Cockatoos (*Cacatua leadbeateri*).
- 3 Grey-breasted Parrakeets (*Myopsittacus monachus*).
- 10 Budgerigars (*Melopsittacus undulatus*).
- 2 Crested Screamers (*Chauna cristata*).
- 3 Black Swans (*Cygnus atratus*).
- 6 Muscovy Ducks (*Cairina moschata*).
- 1 Chinese Goose (*Anser cygnoides*).
- 3 Ruddy Sheldrakes (*Tadorna casarca*).
- 2 Andaman Teal (*Nettion albigulare*).
- 1 Nicobar Imperial Fruit Pigeon (*Carpophaga insularis*).
- 1 Nicobar Pigeon (*Calenas nicobarica*).
- 4 Turtle Doves (*Turtur communis*).
- 7 Cape Turtle Doves (*Turtur capicola*).
- 1 Tigrine Dove (*Turtur tigrina*).
- 1 Graceful Ground Dove (*Geopelia cuneata*).
- 2 Picui Doves (*Columbula picui*).
- 3 Wonga Wonga Pigeons (*Leucosarcia picata*).
- 5 Californian Quails (*Callipepla californica*).
- 5 Common Pheasants (*Phasianus colchicus*).
- 7 Reeves's Pheasants (*Phasianus reevesi*).
- 7 Satschen Pheasants (*Phasianus satschuenensis*).
- 18 Amherst Pheasants (*Thaumalea amherstiae*).
- 6 Swinhoe's Pheasants (*Euplocamus swinhoii*).
- 16 Silver Pheasants (*Euplocamus nycthemerus*).
- 21 Bankiva Jungle Fowls (*Gallus bankiva*).
- 1 Hybrid Curassow (*Crax globicera* × *C. hecki*).
- 2 Black-headed Gulls (*Larus ridibundus*).
- 3 Jameson's Gulls (*Larus novæ-hollandiæ*).
- 3 Black-footed Penguins (*Spheniscus demersus*).

Additions to the Menagerie in 1906.

The number of Vertebrate Animals living in the Society's Menagerie at the close of 1905 was 2,913. The corresponding number on the 31st of December, 1906, was 3,086, as will be seen by the following Table:—

	December 31.	
	1906.	1905.
Mammals	873	689
Birds	1,621	1,554
Reptiles and Amphibia.....	478	560
Fish.....	114	110

The total number of registered additions to the Menagerie in 1906 was 2,768, of which 1,156 were acquired by presentation, 254 by purchase, 200 were bred in the Gardens, 1,019 were received on deposit, and 139 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.
1897	688	278	104	330	108	1508
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

In the following list of the more notable additions to the Menagerie in 1906, special attention may be directed to the Prince of Wales' Indian collection, details of which are printed on p. 24 of this Report, to the very fine pair of Siberian Tigers presented by the President, to the collections of Venezuelan, Guianan and South African birds presented respectively by Captain Albert Pam, F.Z.S., Mr. E. W. Harper, F.Z.S., and Captain B. R. Horsbrugh, F.Z.S., to a collection of Senegambian birds

presented by Dr. E. Hopkinson, F.Z.S., and to a number of Reptiles from South Africa, presented by Mr. A. W. Guthrie, F.Z.S.

A Snow-Leopard (*Felis uncia*) from Ladak, Cashmere, presented by Major A. H. Hussey, R.H.A., on Jan. 22nd.

An Aard Wolf (*Proteles cristatus*) from South Africa, purchased on Jan. 23rd.

A Salt-Marsh Cavy (*Dolichotis sublinicola*) from the Argentine, new to the Collection, deposited on Jan. 23rd.

Three Red-handed Tamarins (*Midas rufimanus*) from Surinam, deposited on Feb. 3rd.

A Jaguar (*Felis onca*), ♂, from South America, purchased on Feb. 22nd.

A King Parrot (*Aprosmictus cyanopygius*), ♂, from Australia, presented by Miss Jessie Capes on Feb. 16th.

A Masked Parrakeet (*Pyrrhulopsis personata*) from the Fiji Islands, purchased on Feb. 1st.

A Red-throated Laughing Thrush (*Ianthocincla ruficularis*) from British India, presented by Mr. R. Phillipps on Feb. 8th. New to the Collection.

A young female Gorilla (*Gorilla savagei*) from Cape Lopez, purchased on March 30th.

A young male Lar Gibbon (*Hylobates lar*) and a Leopard Cat (*Felis bengalensis*) from Perak, presented by the Perak State Museum on March 31st.

A Narrow-banded Mongoose (*Galidictis vittata*) from Madagascar, new to the Collection, deposited on March 12th.

A female Eland (*Taurotragus oryx*), born in the Menagerie on March 12th.

A Samango Guenon (*Cercopithecus samango*) from S. Africa, deposited on April 25th.

A Pallas's Cat (*Felis manul*) from Tibet, deposited on April 3rd. New to the Collection.

Fourteen Desert Jerboa-Rats (*Notomys cervinus*) from Australia, deposited on April 20th. New to the Collection.

A Canadian Porcupine (*Erithizon dorsatus*) from N. America, presented by Mr. J. Munro Walker, F.Z.S., on April 11th.

Two Black-footed Cats (*Felis nigripes*) from the Zambesi, new to the Collection, presented by Mr. A. W. Guthrie, F.Z.S., on May 26th.

A male Eland (*Taurotragus oryx*), presented by H.G. the Duke of Bedford, K.G., President of the Society, on May 16th.

Three Thrush-like Bulbuls (*Ixocincla crassirostris*) from the Seychelles, a Black Hangnest (*Cassidix oryzivora*) from Brazil, new to the Collection, and three Red-crowned Pigeons

(*Alectraenas pulcherrima*) from the Seychelles, presented by the Earl of Crawford, K.T., F.R.S., on May 14th.

A Collection of Indian Animals presented by H.R.H. The Prince of Wales, K.G., on June 9th, amongst which may be mentioned an Indian Elephant, an Indian Rhinoceros, 3 Tigers, 2 Leopards, 2 Himalayan Bears, 2 Nylghaies, 5 Indian Antelopes, 2 Albino Barking-Deer, and 2 Swamp-Deer.

A fine pair of Siberian Tigers from Vladivostock, presented by H.G. the Duke of Bedford, K.G., P.Z.S., on June 11th. This is the first occasion on which this fine race of Tiger has been exhibited in the Society's Gardens.

A young male Banteng (*Bos sondaicus*) received in exchange on June 9th.

A Collection of 81 South-American Birds, including three Violet-tailed Humming-birds (*Lampornis violicauda*), an Ænone Humming-bird (*Chrysuronia ænone*), new to the Collection, a Sun-Bittern (*Eurypyga helias*), as well as representatives of many other interesting species, presented by Capt. Albert Pam, F.Z.S., on July 3rd.

Twenty-four birds, including four Great Saltators (*Saltator magnus*) and two Red-breasted Guiana Marsh-birds (*Leistes guianensis*) from British Guiana, presented by Mr. E. W. Harper, F.Z.S., on July 14th.

A Japanese Bear (*Ursus japonicus*) and a White-whiskered Boar (*Sus leucomystax*) from Japan, presented by Mr. Frederick Ringer, F.Z.S., on July 17th.

Thirteen birds including a Levaillant's Parrot (*Pæocephalus robustus*), a White-necked Crow (*Corvus scapulatus*), a White-bellied Amethyst Starling (*Pholidauges leucogaster*) from Senegambia, presented by Dr. E. Hopkinson, D.S.O., F.Z.S., on July 20th.

An African Rhinoceros (*Rhinoceros bicornis*) and two Grant's Zebras (*Equus granti*), deposited on July 24th.

A female Dusky Gelada (*Theropithecus obscurus*) from Abyssinia, new to the Collection, presented by the Hon. George Savile on Aug. 16th.

A Collection of 53 South-African Birds, including many species new to the Menagerie, amongst which a Two-banded Courser (*Rhinoptilus africanus*), and a Lesser Red-shouldered Glossy Starling (*Lamprocolius phænicopterus bispecularis*) are of special interest, presented by Capt. B. R. Horsbrugh, F.Z.S., on Aug. 7th.

A specimen of Hamlyn's Mangabey (*Cercocebus hamlyni*) from the Upper Congo, new to the Collection, deposited on Sept. 18th.

A specimen of Chapman's Squirrel (*Sciurus chapmani*) from Trinidad, new to the Collection, presented on Sept. 22nd by Mr. A. Giuseppi.

A specimen of a new local race of the Serow (*Capricornis sumatrensis*) from Selangor, new to the Collection, presented on Sept. 13th by the Government of Selangor.

A specimen of the Chilian Mocking-bird (*Mimus thenca*) from Chile, new to the Collection, deposited on Sept. 28th.

A specimen of Jamrach's Mangabey (*Cercocebus jamrachi*) from Lake Mweru, new to the Collection, deposited on Oct. 31st.

A specimen of Sharpe's Wood-Owl (*Syrnium nuchale*) from Lagos, presented by Dr. W. H. W. Strachan, C.M.G., on Oct. 11th.

Two specimens of Mayer's Pigeon (*Nesœnas mayeri*) from Mauritius, new to the Collection, presented by Lt.-Col. Neville Manders, R.A.M.C., F.Z.S., on Oct. 13th.

An adult male Mandrill (*Papio maimon*), the first full-sized example of this species exhibited in the Gardens, deposited on Nov. 30th.

A young female Hippopotamus (*Hippopotamus amphibius*) from the Niger, purchased on Nov. 1st.

A Persian Stag (*Cervus maral*), presented on Nov. 13th by Mr. Carl Hagenbeck.

A Kashmir Stag (*Cervus cashmiriensis*), presented on Nov. 22nd by H.G. the Duke of Bedford, K.G., P.Z.S.

A Collection of 47 Birds, including among other interesting species a Toucan (*Aulacorhamphus sulcatus*), new to the Collection, and a Sun-Bittern (*Eurypyga helias*) from Venezuela, presented on Nov. 27th by Capt. Albert Pam, F.Z.S.

A pair of Siberian Dholes (*Cuon alpinus*) from Thian Shan, received in exchange on Dec. 2nd. New to the Collection.

A Cape Hunting-Dog (*Lycaon pictus*) from S. Africa, purchased on Dec. 7th.

An Addax Antelope (*Addax naso-maculatus*) from N. Africa, presented by H.G. the Duke of Bedford, K.G., P.Z.S., on Dec. 18th.

A Bubaline Hartebeest (*Bubalis boselaphus*) and a hybrid between Père David's Deer (*Elaphurus davidianus*) and the Red Deer (*Cervus elaphus*), deposited on Dec. 29th.

*List of the Species new to the Collection exhibited
during the year 1906.*

The following list gives the names of the specimens exhibited in 1906 which are referable to species not

included in the last (ninth) edition (1896) of the List of Animals, or in subsequent Annual Reports. It contains 15 Mammals, 64 Birds, 7 Reptiles, 3 Batrachians, and 3 Fish.

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

I.—MAMMALS.

52 a. *Cercocebus hamlyni* Pocock. Hamlyn's Mangabey.

Hab. Upper Congo.

a. Deposited, Sept. 18, 1906. See P.Z.S., 1906, *ii.*, p. 760.

52 b. *Cercocebus jamrachi* Pocock. Jamrach's Mangabey.

Hab. Central Africa.

a. Deposited, Oct. 31, 1906. From Lake Mweru. See P.Z.S., 1906, *ii.*, p. 849.

74 a. *Theropithecus obscurus* Heuglin. Dusky Gelada.
Hab. Abyssinia.

a. Female. Deposited, Aug. 16, 1906. See P.Z.S., 1906, *ii.*, p. 760.

173 a. *Felis nigripes* Burch. Black-footed Cat.

Hab. S.E. Africa.

a, b. Presented by A. W. Guthrie, Esq., F.Z.S., May 26, 1906. From the Zambesi. See P.Z.S., 1906, *ii.*, p. 632.

179 a. *Felis manul* Pallas. Pallas's Cat.

Hab. Tibet.

a Deposited, April 3, 1906. See P.Z.S., 1906, *ii.* p. 533.

GENUS GALIDICTIS.

222 a. *Galidictis vittata* Gray. Narrow-banded Mongoose.

Hab. Madagascar.

a. Deposited, March 12, 1906. See P.Z.S., 1906, *ii.*, p. 463.

279 a. *Cuon alpinus* (Pallas). Siberian Dhole.

Hab. Siberia.

a. Male. b. Female. Received in exchange. Dec. 21, 1906. From Thian Shan.

388 a. *Sciurus chapmani* Allen. Chapman's Squirrel.

Hab. Trinidad.

a. Presented by A. Giuseppi, Esq. Sept. 22, 1906. See P.Z.S., 1906, *ii.*, p. 760.

GENUS NOTOMYS.

467 a. *Notomys cervinus* (Gould). Desert-Jerboa Rat.

Hab. South Australia.

a-n. Deposited, April 20, 1906. See P.Z.S., 1906, *ii.*, p. 533.

501 a. *Dolichotis salinicola* Burm. Salt Marsh Cavy.

Hab. Argentina.

a. Deposited, Jan. 23, 1906. See P.Z.S. 1906, *i.*, p. 123.

GENUS CAPRICORNIS.

605 a. *Capricornis thar* (Hodgs.). Himalayan Serow.

Hab. Himalayas.

a. Female. Purchased, Aug. 21, 1906.

- 605 *b.* *Capricornis sumatraensis* (Bechst.). Sumatran Serow.
Hab. Sumatra and Malacca.
a. Presented by the Government of Selangor, Sept. 13, 1906. From Batu, Selangor. See P.Z.S., 1906, *ii.*, p. 760.
- 708 *a.* *Dasypus gymnurus* (Illig.). Tatouay Armadillo.
Hab. Paraguay.
a, b. Deposited, May 4, 1906.
- 719 *a.* *Macropus hagenbecki* Rothsch. Hagenbeck's Kangaroo.
Hab. North Australia.
a. Male. Deposited, Dec. 12, 1906.
- 731 *a.* *Petrogale rothschildi* Thomas. Rothschild's Rock Kangaroo.
Hab. Australia.
a, b. Deposited, June 5, 1906.

II.—BIRDS.

- 11 *a.* *Turdus gymnophthalmus* Cab. Bare-eyed Thrush.
Hab. Venezuela.
a. Presented by Capt. Albert Pam, F.Z.S., July 3, 1906.

GENUS COSSYPHA.

- 22 *a.* *Cossypha caffra* (Linn.). Cape Robin-Chat.
Hab. South Africa.
a. Presented by Capt. B. R. Horsbrugh, F.Z.S., Aug. 7, 1906.

40 *a.* *Acrocephalus phragmitis* (Bechst.). Sedge-
Warbler.

Hab. Europe.

a, b. Purchased, Sept. 11, 1906.

45 *a.* *Mimus thenca* (Mol.). Chilian Mocking-Bird.

Hab. Chili.

a. Deposited, Sept. 28, 1906. See P.Z.S., 1906, *ii.*,
p. 760.

51 *a.* *Acredula rosea* (Blyth). British Long-tailed Tit.

Hab. British Islands.

a, b. Purchased, Sept. 22, 1906.

GENUS CERTHIA.

62 *a.* *Certhia familiaris* Linn. Tree Creeper.

Hab. British Islands.

a. Received in exchange, March 27, 1906.

GENUS IXOCINCLA.

86 *a.* *Ixocincla crassirostris* (E. Newt.). Thrush-like
Bulbul.

Hab. Mahé Island, Seychelles.

a-c. Presented by the Earl of Crawford, K.T., F.R.S.,
F.Z.S., May 14, 1906. See P.Z.S., 1906, *ii.*, p. 632.

GENUS PARISOMA.

88 *a.* *Parisoma subcæruleum* (Vieill.). Tit-Babbler.

Hab. South Africa.

a. Presented by Capt. B. R. Horsbrugh, F.Z.S.,
Aug. 7, 1906.

GENUS IANTHOCINCLA.

94 a. *Ianthocincla rufigularis* Gould. Red-throated
Laughing Thrush.

Hab. British India.

a. Presented by R. Phillipps, Esq., Feb. 8, 1906.
See P.Z.S., 1906, i., p. 230.

112 a. *Laniarius gutturalis* (P. L. S. Müller). Bacbakiri
Shrike.

a. Presented by Capt. B. R. Horsbrugh, F.Z.S.,
Aug. 7, 1906.

GENUS CHELIDON.

117 a. *Chelidon urbica* (Linn.). House-Martin.

Hab. British Islands.

a-c. Purchased June 15, 1906.

121 a. *Zosterops pallida* Swains. Pale White-eye.

Hab. South Africa.

a. Presented by Capt. B. R. Horsbrugh, F.Z.S.,
Aug. 7, 1906.

133 a. *Euphonia minuta* Cab. Dwarf Tanager.

Hab. Central America.

a. Male. b. Female. Presented by Capt. Albert Pam,
F.Z.S., July 3, 1906. From Venezuela.

145 a. *Calliste cyanoptera* (Sw.). Blue-winged Tanager.

Hab. Venezuela.

a-c. Presented by Capt. Albert Pam, F.Z.S., July 3,
1906.

- 145 *b.* *Calliste flaviventris* (Vieill.). Yellow-bellied
Tanager.

Hab. Guiana.

a. Presented by E. W. Harper, Esq., F.Z.S., July 14,
1906.

- 159 *a.* *Saltator magnus* (Gm.). Great Saltator.

Hab. S. America.

a-d. Presented by E. W. Harper, Esq., F.Z.S., July
14, 1906. From British Guiana. See P.Z.S.,
1906, *ii.*, p. 709.

- 170 *a.* *Estrela erythronota* (Vieill.). Black-faced Waxbill,
Hab. South Africa.

a-d. Presented by Captain B. R. Horsbrugh, F.Z.S.,
Aug. 7, 1906.

GENUS ORTYGOSPIZA.

- 179 *a.* *Ortygospiza polyzona* (Temm.). Quail-Finch.

Hab. South Africa.

a-d. Purchased Jan. 30, 1906.

e-f. Presented by Capt. B. R. Horsbrugh, F.Z.S.,
Aug. 7, 1906.

GENUS LAGONOSTICTA.

- 186 *a.* *Lagonosticta senegalæ* (Linn.). Common Fire-Finch

Hab. Gambia.

a-b. Presented by Dr. E. Hopkinson, D.S.O., F.Z.S.,
July 24, 1906.

c-d. (Vars.) Presented by Dr. E. Hopkinson, D.S.O.,
F.Z.S., July 24, 1906.

- 186 *b.* *Lagonosticta rufipicta* (Fras.). Spotted Fire-Finch.

Hab. Gambia.

a-b. Presented by Dr. E. Hopkinson, D.S.O., F.Z.S.,
July 24, 1906.

186 c. *Lagonosticta vinacea* (Hartl.). Vinaceous Fire-Finch.

Hab. Gambia.

a-c. Presented by Dr. E. Hopkinson, D.S.O., F.Z.S., July 24, 1906.

187 a. *Lagonosticta brunniceps* Sharpe. Little Ruddy Waxbill.

Hab. South Africa.

a-d. Presented by Capt. B. R. Horsbrugh, F.Z.S., Aug. 7, 1906.

200 a. *Munia leucogastra* (Blyth). Black-rumped Finch.

Hab. Java.

a. Presented by Frank Finn, Esq., F.Z.S. Sept., 13, 1906.

272 a. *Spermophila minuta* (Linn.). Fire-red Finch.

Hab. Guiana.

a-d. Presented by E. W. Harper, Esq., F.Z.S., July 14, 1906.

273 a. *Spermophila castaneiventris* (Cab.). Lavender-backed Finch.

Hab. Guiana.

a-f. Presented by E. W. Harper, Esq., F.Z.S., July 14, 1906.

276 a. *Spermophila ocellata* Scl. et Salv. Black-headed Lined Finch.

Hab. Venezuela.

a-d. Presented by E. W. Harper, Esq., F.Z.S., July 14, 1906.

e-f. Presented by Capt. Albert Pam, F.Z.S., Nov. 29, 1906.

292 *Poliospiza tristriata* (Rüpp.). Three-striped Finch.
Hab. Gambia.

a. Presented by Dr. E. Hopkinson, D.S.O., F.Z.S.,
July 24, 1906.

313 *a.* *Chrysomitris cucullatus* (Sw.). Hooded Siskin.
Hab. Central America.

a. Deposited March 10, 1906.

b-e. Presented by Capt. Albert Pam, F.Z.S., July 3,
1906.

f-g. Deposited July 3, 1906.

313 *b.* *Chrysomitris colombiana* (Lafr.). Colombian
Siskin.

Hab. Colombia.

a-b. Presented by Capt. Albert Pam, F.Z.S., July 3,
1906.

313 *c.* *Chrysomitris xanthogastra* Du Bus. Yellow-
bellied Siskin.

Hab. Venezuela.

a. Presented by Capt. Albert Pam, F.Z.S., Nov. 27,
1906.

GENUS PSEUDOCHLORIS.

315 *a.* *Pseudochloris citrina* (Pelz.). Citron-Finch.

Hab. Venezuela.

a-b. Presented by Capt. Albert Pam, F.Z.S., Nov. 27,
1906.

317 *a.* *Sycalis minor* Cab. Little Saffron-Finch.

Hab. Venezuela.

a-c. Presented by Capt. Albert Pam, F.Z.S., Nov. 27,
1906.

317 *b. Sycalis luteiventris* (Meyer). Yellow-vented Finch.

Hab. Venezuela.

a. Presented by Capt. Albert Pam, F.Z.S., July 3, 1906.

GENUS SPIZA.

356 *a. Spiza americana* (Gm.). American Bunting.

Hab. S. America.

a. Presented by Capt. Albert Pam, F.Z.S., July 3, 1906.

356 *b. Emberiza flaviventris* (Bonn. et Vieill.). Golden-crested Bunting.

Hab. South Africa.

a. Presented by Capt. B. R. Horsbrugh, F.Z.S., Aug. 7, 1906.

GENUS AMMODROMUS.

364 *a. Ammodromus manimbe* (Licht.). Manimbe Sparrow.

Hab. Venezuela.

a. Presented by Capt. Albert Pam, F.Z.S., July 3, 1906.

b. Presented by Capt. Albert Pam, F.Z.S., Nov. 27, 1906.

376 *a. Icterus xanthornus* (Linn.). Golden Hangnest.

Hab. Guiana.

a. Presented by E. W. Harper, Esq., F.Z.S., July 14, 1906.

GENUS GYMNOXYSTAX.

390 *a. Gymnomystax melanicterus* (Vieill.). Bare-faced Hangnest.

Hab. Guiana.

a. Presented by Capt. Albert Pam, F.Z.S., July 3, 1906.

GENUS LEISTES.

- 391 *a.* *Leistes guianensis* (Linn.). Red-breasted Guiana
Marsh-bird.

Hab. Guiana.

a-b. Presented by E. W. Harper, Esq., F.Z.S., July 14,
1906.

GENUS CASSIDIX.

- 398 *a.* *Cassidix oryzivora* (Gm.). Black Hangnest.

Hab. Brazil.

a. Presented by the Earl of Crawford, K.T., F.R.S.,
F.Z.S., May 14, 1906. See P.Z.S., 1906, *ii.*,
p. 632.

- 401 *a.* *Lamprocolius phænicopterus bispecularis* (Strickl.)
Lesser Red-shouldered Glossy Starling.

Hab. South Africa.

a. Presented by Capt. B. R. Horsbrugh, F.Z.S.,
Aug. 7, 1906. See P.Z.S., 1906, *ii.*, p. 760.

GENUS PHOLIDAUGES.

- 402 *a.* *Pholidauges leucogaster* (Gm.). White-bellied
Amethyst Starling.

Hab. Gambia, West Africa.

a. Presented by Dr. E. Hopkinson, D.S.O., F.Z.S.,
July 20, 1906. See P.Z.S., 1906, *ii.*, p. 760.

GENUS SARCOPS.

- 405 *a.* *Sarcops calvus* (Linn.). Bald-headed Starling.

Hab. Philippine Islands.

a-b. Purchased, May 8, 1906.

GENUS CHRYSURONIA.

517 b. *Chrysuronia ænone* (Less.). CEnone Humming-bird.

Hab. Venezuela.

a. Male. Presented by Capt. Albert Pam, F.Z.S., July 2, 1906. See P.Z.S., 1906, *ii.*, p. 759.

GENUS LAMPORNIS.

517 c *Lampornis violicauda* (Bodd.). Violet-tailed Humming-bird.

Hab. South America,

a-c. Presented by Capt. Albert Pam, F.Z.S., July 2, 1906. From Venezuela. See P.Z.S. 1906, *ii.*, p. 759.

522 a. *Melanerpes santacruzi* (Bp.). Santa-Cruz Woodpecker.

Hab. Venezuela.

a. Presented by Capt. Albert Pam, F.Z.S., July 3rd, 1906.

GENUS AULACORHAMPHUS.

574 a. *Aulacorhamphus sulcatus* Sw. Green Toucan.

Hab. Venezuela.

Presented by Capt. Albert Pam, F.Z.S. Nov. 27th, 1906.

GENUS TRICHOLÆMA.

578 a. *Tricholæma leucomelas* (Bodd.). Pied Barbet.

Hab. South Africa.

a-c. Presented by Capt. B. R. Horsbrugh, F.Z.S., Aug. 7th, 1906.

GENUS SCHIZORHIS.

596 *a. Schizorhis concolor* (Smith). Grey Touracou.

Hab. South Africa.

a. Deposited Dec. 4th, 1906.

1024 *a. Sula piscatrix* Hume. Red-legged Gannet.

Hab. Tropical seas.

a. Presented by the Earl of Crawford, K.T., F.R.S.,
F.Z.S., May 14, 1906. From Assumption Island.

1031 *a. Phalacrocorax lucidus* (Licht.). White-breasted
Cormorant.

Hab. Coast of South Africa.

a. Deposited May 24, 1906. From Dassen Island.

GENUS NESÆNAS.

1247 *a. Nesænas mayeri* (Marchal). Mayer's Pigeon.

Hab. Mauritius.

a-b. Presented by Lt.-Col. Neville Manders, R.A.M.C.
F.Z.S., Oct 13, 1906. See P.Z.S. 1906, *ii.*,
p. 849.

1271 *a. Turtur decipiens* Finsch & Hartl. Bocage's
Red-eyed Dove.

Hab. Kordofan.

a-f. Presented by E. G. B. Meade-Waldo, Esq., F.Z.S.,
May 14, 1906. From the White Nile.

1280 *Chamæpeia griseola* (Spix). Dwarf Ground-Dove.

Hab. South America.

a. Presented by E. W. Harper, Esq., F.Z.S.,
July 14, 1906. From British Guiana.

1356 a. *Coturnix capensis* Licht. Cape Quail.

Hab. South Africa.

a-b. Presented by D. Seth Smith, Esq., F.Z.S.,
April 4, 1906.

1379 a. *Ammoperdix cholmleyi* Ogilvie-Grant. Cholmley's
Rock-Partridge.

Hab. Upper Egypt.

a-c. Presented by E. G. B. Meade-Waldo, Esq.,
F.Z.S., May 14, 1906.

1474 a. *Turnix velox* (Gould) Swift Hemipode.

Hab. Australia.

a-b. Deposited, Aug. 15, 1906.

GENUS PEDIONOMUS.

1478 a. *Pedionomus torquatus* Gould. Collared Plain-
Wanderer.

Hab. Australia.

a. Deposited Aug 15, 1906.

1483 a. *Rallus abbotti* (Ridgw.). Abbott's Rail.

Hab. Assumption Island.

a-b. Presented by the Earl of Crawford, K.T., F.R.S.,
F.Z.S., May 14, 1906.

1539 a. *Grus canadensis mexicana* (P. L. S. Müll.)
Sandhill Crane. *Hab.* N. America.

a-b. Received in exchange, June 24, 1906.

1552 a. *Ædicnemus senegalensis* Swains. Senegal
Thicknee.

Hab. Senegal.

a. Deposited, Aug. 23, 1906.

GENUS RHINOPTILUS.

- 1553 *a.* *Rhinoptilus africanus* (Temm.). Two-banded
Courser.

Hab. South Africa.

a. Presented by Capt. B. R. Horsbrugh, F.Z.S., Aug. 7,
1906. See P.Z.S., 1906, *ii.*, p. 760.

- 1605 *a.* *Larus hemprichi* (Bruch.). Hemprich's Gull.

Hab. South of Red Sea.

a-d. Presented by E. G. B. Meade-Waldo, Esq., F.Z.S
May 14, 1906.

- 1664 *a.* *Casuaris rothschildi* Matsch. Rothschild's
Cassowary.

Hab. New Guinea.

a. Deposited, June 18, 1906.

III.—REPTILES.

- 95 *a.* *Crocodylus johnstoni* Krefft. Johnston's
Crocodile.

Hab. North Australia.

a. Deposited, Sept. 11, 1905.

- 119 *a.* *Tarentola gigas* (Bocage). Cape Verde Gecko.

Hab. Cape Verde Islands.

a-b. Deposited, May 23, 1906.

- 149 *c.* *Liocephalus personatus* Cope. Masked Lizard.

Hab. Cuba.

a. Deposited, Sept. 11, 1906.

GENUS ABLEPHARUS.

- 226 *a.* *Ablepharus pannonicus* Fitzing. Hungarian
Skink.

Hab. Hungary.

a-c. Presented by W. Radcliffe Saunders, Esq., F.Z.S.,
April 5, 1906.

244 a. *Chamaeleon verrucosus* Cuv. Warty Chameleon.
Hab. Madagascar.

a. Presented by The Earl of Crawford, Kt., F.R.S.,
F.Z.S., April 4, 1906. From Cape Amber.

b. Presented by Mons. A. Deville, April 4, 1906.
From Diego Suarez.

244 b. *Chamaeleon polleni* Peters. Comoro Chameleon.

Hab. Mayotte Islands, Comoro Islands.

a. Presented by The Earl of Crawford, K.T., F.R.S.,
F.Z.S., April 4, 1906.

414 a. *Lachesis schlegeli* (Blkr.). Schlegel's Viper.

Hab. Central America.

a. Presented by Alexander M. Rodger, Esq., Aug.
23, 1906.

IV.—BATRACHIANS.

13 a. *Rana mascariensis* Dum. and Bibr. Bibron's
Frog.

Hab. West Africa.

a-b. Deposited, April 21, 1906.

37 a. *Hyla albomarginata* Spix. White-margined
Tree Frog.

Hab. Brazil.

a. Presented by The Earl of Crawford, K.T., F.R.S.,
F.Z.S., May 14, 1906. From Bahia.

37 b. *Hyla crepitans* Wied. Pallid Tree Frog.

Hab. South America.

a-f. Deposited, July 11, 1906.

V.—FISHES.

GENUS SYNODONTIS.

47 a. *Synodontis schall* (Schn.). Schall Fish.

Hab. Africa.

a. Deposited, June 12, 1906.

GENUS CLARIAS.

45 a. *Clarias lazera* (Cuv. and Val.). Hasmut Fish.

Hab. Senegambia.

a. Deposited, June 12, 1906.

54 a. *Salmo hucho* Linn. Danube Salmon.

Hab. Danube.

Presented by The Thames Salmon Association,
Feb. 24, 1906.

*List of Donors and their Donations for the
year 1906.*

H.R.H. The Prince of WALES, K.G., F.Z.S., (Vice-Patron). 3 Tigers, 2 Leopards, 1 Indian Elephant, 1 Indian Rhinoceros, 1 Tibetan Mastiff, 2 Himalayan Bears, 1 Four-horned Antelope, 5 Indian Antelopes, 2 Nylghaie ♂ ♀, 1 Goral ♀, 2 Thars, 7 Domestic Sheep, 2 Burrhel Sheep, 1 Musk Deer, 2 Muntjac Deer (Albino), 2 Barasingha Deer, 2 Sambhur Deer, 2 Hog Deer, 3 Axis Deer, 2 Orange-headed Ground Thrushes, 2 Green-winged Doves, 1 Black Francolin, 1 Chukar Partridge, 1 Himalayan Monaul, 2 Nepal Kaleeges.

His Grace The Duke of BEDFORD, K.G. (President). 2 Siberian Tigers ♂ ♀, 36 Grey Squirrels, 1 Kiang ♂, 1 Mongolian Wild Horse ♂, 1 Addax Antelope, 1 Eland ♂, 1 Kashmir Deer ♂, 1 Great Kangaroo ♂.

ABBOT, Mr. Frank E. 1 Gaboon Viper.

ABRAHAM, Mr. R. J. 1 Eupatorian Parrakeet.

AFLALO, Mr. F. G., F.Z.S. 2 Mississippi Alligators.

AITCHISON, Mr. A. J. T. F., F.Z.S. 1 Striated Tanager, 3 Gouldian Grass Finches, 1 Yellow-Rumped Seed-Eater, 1 Linnet, 6 Budgerigars (var.)

ALBERT, MRS. L. 1 Greater Sulphur-crested Cockatoo.

ALSEN, Mr. Oscar. 1 Common Fox.

AMBROSE, Capt. W. Gerald, C.M.Z.S. 1 Patas Guenon, 1 White-collared Mangabey, 1 Baboon.

- ANNE, Major. 3 Garden Dormice.
 ATHERTON, Miss Mabel. 1 Büttikofer's Guenon.
 AYLESFORD, The Countess of. 1 Horned Capuchin.
 BAGGALLAY, Miss M. 1 Green Guenon ♂.
 BALFOUR, Col. E. J. A., M.A., F.Z.S. 4 Herring Gulls.
 BALLARD, Mr. Thomas A. 1 Black-headed Gull, 2
 Common Gulls.
 BARLOW, Mr. A. E. 1 Eupatorian Parrakeet.
 BARNARD, Mr. C. Cary. 2 African Civet Cats.
 BARNES, Dr. Robert. 2 Common Kestrels.
 BARRETT, Mrs. 1 Greater Sulphur-crested Cockatoo.
 BARTLETT, Mr. Frank. 1 Common Marmoset.
 BECK, Mr. Horace C., F.Z.S. 4 Razorbills, 2 Puffins.
 BEDWELL, Mrs. 1 Tawny Owl.
 BELLEVILLE, Mrs. Frank. 1 Black Lemur ♂.
 BENBOW, Mr. C. 1 Grey Mongoose.
 BENNETT, The Rev. E. H. 2 Hawfinches.
 BENNETT, Miss E. 2 Eupatorian Parrakeets.
 BEVILLE, Major F. G. 3 Indian Wild Dogs.
 BINYON, Mr. T. W. 1 Otter, 2 Short-tailed Voles.
 BIRCH, Mr. C. E. Boschetti. 1 Moorish Tortoise.
 BIRD, Miss. 1 Herring Gull.
 BLACKMORE, Mrs. 1 Blue-fronted Amazon.
 BLADES, Mrs. Harry. 1 Lesser Sulphur-crested Cockatoo,
 1 Cockateel ♂.
 BLAINE, Mr. G., 1 Peregrine Falcon, 1 Greenland
 Falcon ♀.
 BLAKE, Sir Henry, G.C.M.G., H.M.Z.S. 1 Indian
 Python.
 BLAKEWAY, Capt. D. B. 1 Markhoor.
 BLOCKLEY, Miss Dorothy. 1 Flap-necked Chameleon.
 BLOCKLEY, Mr. J. 1 Swainson's Lorikeet.
 BOORD, Lady. 1 Pennant's Parrakeet.
 BOUCH, Miss Ada. 1 Larger Hill Mynah.
 BOWEN, Mr. A. G., R.N. 1 Spanish Terrapin.
 BREEN, Mrs. 2 Grey breasted Parrakeets.
 BROWNSON, Mr. G. O. 1 Kestrel.
 BUBB, The Rev. C. Spencer. 8 Common Vipers.
 BURNETT, Capt. E. W. 1 Sacred Falcon.
 BUTLER, Dr. A. G., F.Z.S. 1 Silky Bower bird.
 CAIGER, Mrs. 1 Greenfinch.
 41- CAPES, Miss Jessie. 1 King Parrot ♂
 CARDEW, Mrs. 1 Greater Sulphur-crested Cockatoo.

- CARRUTHERS, Mr. J. F. 1 Green Guenon ♂.
- CHAPMAN, Mr. Joseph J. 1 Blue and Yellow Macaw.
- CHARGE, Miss G. Wilson. 1 Common Snake.
- CHENNELLS, Mr. Herbert. 1 Leadbeater's Cockatoo.
- CHITTENDEN, Mr. H. L., F.Z.S. 1 Orang-utan.
- CLEGG, Mr. J. 2 Long eared Owls.
- COCKBURN, Mrs. Beatrice E., F.Z.S. 1 Ruffed Lemur,
and a collection of Finches.
- COCKS, Mr. Alfred H., F.Z.S. 1 Weasel.
- COGGIN, Mr. Percy T. 1 Chub.
- COMBE, Mr. Richard, F.Z.S. 1 Sparrow Hawk. ♂
- COOPER, Mr. William. 1 Stone Curlew.
- CORK, Miss H. P. 2 Kinkajous.
- COTTON, Mr. W. B. 1 Barasingha Deer.
- COUSENS, Mrs. 4 Black-eared Marmosets, 1 Virginian
Eagle Owl.
- COX, Mr. E. W. 1 Kestrel.
- COX, Mr. G. 1 Moorish Gecko.
- CRAVIN, Mr. P. A. 1 Sharp-nosed Crocodile.
- CRAWFORD, The Earl of, K.T., F.R.S., F.Z.S. 2 Ring-
tailed Lemurs, 3 Thrush-like Bulbuls, 1 Brazilian
Blue Grosbeak, 1 Tropical Seed Finch, 1 Black
Hangnest, 2 Chopi Starlings, 2 Pileated Jays, 3 Red-
crowned Pigeons, 2 Sacred Ibises, 1 Assumption
Island Gannet, 2 Abbott's Rails, 1 Black-footed
Penguin, 1 Terrapin, 4 Elephantine Tortoises, 1
Comoro Chameleon, 1 Warty Chameleon, 1 Yellow-
margined Tree Frog, 11 Leaf Insects, 1 Mantis.
- CRAWFORD, Mr. F. 1 Water Rail, 1 Jay.
- CROSS, Mr. William S., F.Z.S. 1 Moorish Gecko.
- CURREY, Mrs. F. A. 1 Dwarf Ground Dove ♀, 1 Cape
Dove ♀, 2 Senegal Doves, 2 Violet Tanagers, 1 Blue
Tanager.
- DALLAS, Mr. Charles C., F.Z.S. 1 Smooth Snake.
- DANCKWERTS, Mr. W. O., K.C., F.Z.S. 1 Chinese Blue
Pie, 2 Malabar Squirrels, 2 Black-eared Marmosets.
- DAVIS, Miss Constance. 1 Green Guenon ♂.
- DAVIS, Mr. F. M. 2 Moorish Geckos, 2 Green Lizards,
6 Slowworms, 1 Viperine Snake, 3 Common Toads,
4 Edible Frogs.
- DAVIS, Mr. R. 1 Bonnet Macaque ♀.
- DELANO, Mr. H. W. 2 Black-headed Caiques.
- DE LISLE, Miss K. 1 Alpine Marmot.

- DENNIS, Mr. E. 1 Angolan Vulture.
- DENTON, Capt. Sir George, K.C.M.G., F.Z.S. 2 Crowned
Cranes.
- DERRIMAN, Mr. F. H. 1 Patas Guenon.
- DEVILLE, Monsieur A. 1 Warty Chameleon ♀.
- DEVITT, Mr. Thomas. 1 Shining Parrakeet.
- DICKSON, Miss Helene C. 1 Maxwell's Duiker.
- DIXSON, Miss C. 1 Grey Mongoose.
- DOBELL, Major C. M. 1 Gambian Ourebi ♀, 1 Nagor
Antelope ♂, 1 Spur Winged Goose, 1 Crowned Crane.
- DOUDNEY, The Rev. D. A. 1 Bare-eyed Cockatoo.
- DOWNING, Mrs. W. E. 1 Tawny Owl.
- DOWNING, Mr. W. E., F.Z.S. 1 Weasel, 1 Merlin,
1 Stoat, 5 Sparrow Hawks, (young).
- DRAKE, Miss Ada. 1 Vulpine Phalanger.
- DREWITT, Dr. F. D., F.Z.S. 4 Scorpions.
- DUCKERS, Mr. J. Scott. 1 European Pond Tortoise.
- DUNCAN, Mr. Alexander M. 2 Slow Loris.
- DYER, Major J. E. F. 1 Chacma Baboon.
- EADIE, Miss Florence. 1 Blue-fronted Amazon.
- EDGE, Mr. S. F. 1 Common Marmoset, 1 Negro
Tamarin, 1 Ring-tailed Coati.
- EDWARDS, Mr. Stanley, F.Z.S. 1 Cormorant.
- ELLINGTON, Mr. F. W. 1 Green Lizard, 1 Common
Snake.
- ELSON, Miss Annie. 1 Vervet Guenon ♀.
- FARQUHARSON, Miss. 1 Red and Blue Macaw.
- FERRY, Mr. E. 6 Grayling.
- FFOULKES, Mr. A. 1 Black Hornbill.
- FIELD, Mr. E. P. 2 Carolina Anolises.
- FINN, Mr. Frank, B.A., F.Z.S. 1 Jay, 1 Black-rumped
Finch.
- FISHER, Mr. H. 1 Campbell's Guenon.
- FLEMING, Miss Willis. 1 Red and Yellow Macaw.
- FLETCHER, Mr. E. Lionel. 2 Laughing Kingfishers, 1
Bridled Wallaby.
- FLORY, Mr. J. W. 2 Tawny Owls.
- FORBES, Mr. F. 2 Weka Rails.
- FORD, Corporal Major. 1 Bonnet Macaque ♀.
- FORSTER, Mr. R. C., F.Z.S. 1 Lion Cub.
- FORTUNE, Mr. Riley, F.Z.S. 1 Moorish Gecko.
- FORWARD, Mr. H. 1 Algerian Tortoise.
- FOULKES, Mr. R. 1 Leopard ♀.

- FOWKE, Mrs. 1 Bonnet Macaque ♂.
- FRASER, Mr. Frederick. 1 Vulpine Phalanger.
- FREELAND, Mr. Herbert. 1 Patas Guenon ♀.
- FRISBY, Mr. Walter. 2 White-throated Jay Thrushes,
2 White-crested Jay Thrushes, 2 Yellow-bellied
Liothrix, 1 Black Tanager, 1 Red-shouldered Whydah,
1 Javan Hill Mynah, 1 Chinese Mynah, 1 Indian
Mynah, 1 Common Mynah, 2 Malabar Mynahs, 1
Blackbird, 1 Lanceolated Jay, 2 Alpine Choughs.
- FULLER, Mr. F. C. 1 Leopard ♂.
- GILL, Mr. Arthur. 3 Common Partridges.
- 43- GIUSEPPI, Mr. A. 1 Chapman's Squirrel.
- GOOCH, Lady. 1 Crested Porcupine.
- GORDON, Mrs. Douglas. 1 Sooty Mangabey.
- GOSSE, Mr. Philip. 2 Wall Lizards, 1 Green Lizard.
- GRAHAM, Miss B. N. 1 Ring-necked Parrakeet.
- GRANBY, The Marquis of, F.Z.S. 1 Stone Curlew.
- GRASS, Mrs. M. 1 Pinché Marmoset.
- GRAY, Mr. E. A. Simpson. 1 Royal Python.
- GRIFFITH, Mr. G. Riseley. 2 Lesser White-nosed
Guenons ♂ ♀.
- GURNEY, Mr. E. W. 4 Black-eared Marmosets.
- GURNEY, Mr. Robert, F.Z.S. 1 Eyed Lizard.
- GUTHRIE, Mr. A. W., F.Z.S. 2 Chacma Baboons, 2 ♂,
2 Black-footed Cats, 2 Blotched Genets, 1 Feline
Genet, 1 Rusty-spotted Genet, 1 Dusty Mongoose,
2 Black backed Jackals, 4 African Barn Owls, 1 Cape
Eared Owl, 1 Crown Hawk Eagle, 1 Bateleur Eagle,
4 Madagascar Porphyrios, 4 Stanley Cranes, 1
Derbian Sternothere, 1 Egyptian Crocodile, 2 West
African Pythons, 1 Cape Bucephalus, 1 Rhomb-
marked Snake, 2 Robben Island Snakes, 17 Puff
Adders, 1 Cape Adder, 1 Yellow Cobra.
- GWYTHER, Lieut. E. J. 1 Patas Guenon.
- HAGENBECK, Mr. Carl. 1 Persian Deer ♂.
- HAIG, Mr. E. 1 Pike.
- HAINES, The Rev. F. W. 1 Wall Lizard, 2 Green
Lizards.
- HAMILTON, Miss D. 1 Crested Black Bunting.
- HAMLIN, Mr. J. D., F.Z.S. 1 Tessellated Snake.
- HAMPSON, Mr. Charles S. 2 Ring-tailed Lemurs.
- HANCOX, Mr. James. 2 Barn Owls.
- HANDCOCK, The Misses. 2 Tawny Owls.

- HARPER, Mr. E. W., F.Z.S. 1 Yellow-bellied Tanager,
4 Great Saltators, 4 Fire-red Finches, 6 Lavender-
backed Finches, 4 Black-headed Lined Finches,
1 Golden Hangnest, 2 Red-breasted Guiana Marsh
Birds, 1 Talpacoti Ground Dove, 1 Dwarf Ground
Dove, 2 Giant Toads.
- HARRIS, Mr. C. D. 1 Green Guenon, 1 Sooty Mangabey.
- HARTING, Mr. J. E., F.Z.S. 1 Peregrine Falcon.
- HEARD, Mr. Stanley. 2 Common Buzzards.
- HEARDER, Mr. H. P. 3 Common Vipers.
- HEPHERD, Mrs. 1 Bare-eyed Cockatoo.
- HEWLETT, Mr. George, R.N. 1 Regilla Tree Frog.
- HILDER, Mrs Frank. 1 Pinché Marmoset.
- HILL, Mrs. 1 Rhesus Macaque ♂.
- HINDER, Miss. 1 Green Lizard.
- HINDLIP, The Lord, F.Z.S. 1 Southern River Hog.
- HODGE, Miss A. 2 Mandarin Ducks.
- HOLLAND, Miss. 1 Common Kestrel ♀.
- HONEY, Mr. Claude H. 2 Meyer's Parrots.
- HOPCROFT, Sergt. A. 1 Campbell's Guenon, 1 Pousargue's
Guenon.
- HOPKINSON, Dr. E., D.S.O., F.Z.S. 1 White-bellied
Amethyst Starling, 3 Common Fire Finches, 2
Spotted Fire Finches, 3 Vinacious Fire Finches,
1 Grey Singing Finch, 1 Three-striped Finch,
1 White-necked Crow, 1 Levillant's Parrot,
- 42 — HORSBRUGH, Capt. B. R., A.S.C., F.Z.S. 1 Cape Robin-chat,
1 Tit Babbler, 1 Pale White-eye, 1 Bacbakiri Shrike,
2 Red-cheeked Colies, 4 Violet-eared Waxbills, 4
Black-faced Waxbills, 4 Blue-breasted Waxbills,
4 Little Ruddy Waxbills, 4 Southern Melba Waxbills,
3 South African Quail Finches, 2 Queen Whydahs,
4 Taha Weavers, 5 Scaly-fronted Finches, 2 Cape
Buntings, 1 Golden-breasted Bunting, 3 Pied Barbets,
1 Two-banded Courser, 1 Lesser Red-shouldered
Glossy Starling, 2 Verreaux's Guinea-fowls, 3 Horned
Guinea-fowls.
- HORTON, Mr. H. 1 Trinidad Tarantula.
- HOWARD, Mr. Percy. 1 Chestnut-bellied Finch, 1 Blue-
fronted Amazon, 1 Grey-headed Love-bird.
- HUDSON, Mrs. Arthur. 1 Serval, 1 Red Tiger Cat.
- HULLAH, Mrs. 1 Greater Sulphur-crested Cockatoo.
- HUME, Miss Ruth. 1 Common Squirrel.

- 4- HUSSEY, Major A. H., R.H.A. 1 Snow Leopard ♂.
 INGLEBY, Mr. Ivor. 2 Elegant Terrapins, 2 Serrated
 Terrapins.
 INGRAM, Sir William, Bt. 1 Black-gorgetted Jay
 Thrush, 1 West Indian Rail.
 IZARD, Mrs. 1 Greater Sulphur-crested Cockatoo.
 JAMES, Mr. Dudley, F.Z.S. 1 Brambling, 4 Budgerigars.
 JAMRACH, Mr. William. 1 Horned Tragopan ♂,
 1 Chinese Francolin.
 JARDINE, Master Ronald. 1 Suricate.
 JONES, Mr. Arnold F. 2 Golden-crowned Conures.
 JONES, Mr. Henry W. 1 Ring-necked Parrakeet.
 JUKES, Miss. 1 Grey Mongoose.
 KANE, Major R.A. 1 Cuckoo.
 KEELER, Mr. George. 1 Eupatorian Parrakeet.
 KENNEDY, Mr. Courteney. 1 Sooty Mangabey ♀.
 KING, Mr. E. 1 Common Viper.
 KING, Mrs. 1 Common Macaque.
 KING, Mr. Thomas. 1 Jackdaw, 1 Roseate Cockatoo.
 KNIGHT, Miss. 1 Grey-breasted Parrakeet.
 KNOCKER, Mr. F. W., F.Z.S. 3 Common Macaques,
 2 ♂ 1 ♀.
 KNOWLES, Miss. 1 Common Buzzard.
 KUP, Mr. R. L. 1 Brown Capuchin.
 LACHENAL, Mr. F. 1 Black-headed Caique.
 LASCELLES, The Hon. G. W., F.Z.S. 2 Senegal Turtle
 Doves.
 LAWSON, Lt.-Col. The Hon. W. A. W., D.S.O. 1 Banded
 Mongoose ♀.
 LEECH, Miss Florence. 1 Prevost's Squirrel.
 LELY, Mrs. 1 Common Squirrel.
 LEON, Mr. Wilfred, F.Z.S. 1 Grizzled Hill Squirrel, 1 Greater
 Sulphur-crested Cockatoo, 1 Rose-crested Cockatoo,
 1 Funereal Cockatoo, 1 Hyacinthine Macaw, 1 Military
 Macaw, 1 Red and Yellow Macaw, 1 Red and Blue
 Macaw, 1 Blue and Yellow Macaw, 2 Leopard
 Tortoises.
 LESLIE, Mr. K. M. 1 Patas Guenon.
 LEWIS, Mr. E. 1 Cuckoo.
 LEWIS, Mr. W. J. 4 Tigrine Turtle Doves.
 LEY, Mrs. 1 Long-eared Owl.
 LINDSAY, Lady. 1 All Green Parrakeet.
 LINTON, Mr. John. 1 Tawny Owl.

- LODER, Sir Edmund, Bt., V.P.Z.S. 3 de Winton's Wood
 Mice, 1 White-backed Piping Crow, 6 Prairie
 Marmots, 8 Coypu Rats.
- LOWE, Mr. Percy R. 1 Brazilian Scops Owl.
- LUCKHAM, Mr. C. M., R.N. 1 Vulpine Phalanger
 (white variety).
- LUNTLEY, Mrs. 1 Pousargue's Guenon.
- MCGILLIVRAY, Mr. J. 3 Ceylonese Terrapins.
- McMAHON, Col. Sir A. H., K.C.I.E., C.S.I., F.Z.S.
 1 Rhesus Macaque.
- MAILLARD, Mr. G. C. 1 Glass Snake.
- MALET, Mr. A. H. 1 Subcylindrical Hornbill.
- 48 — MANDERS, Lt.-Col. Neville, R.A.M.C., F.Z.S. 2 Mayer's
 Pigeons.
- MANSFIELD, Captain J. B. 1 Algerian Hedgehog, 1 North
 African Jackal, 3 Common Chameleons.
- MARCH, Mr. C. 1 Kinkajou ♀.
- MASOOD, Mr. S. Ras. 4 Palm Squirrels.
- MAY, Mr. S. Phil. 1 Moor Macaque ♂.
- MAYER, Mr. F. 1 Dwarf Chameleon.
- MIDDLETON, Mrs. 2 Grey Squirrels.
- MILDRED, Mr. M. 1 Rook, 4 Dormice, 2 Ravens,
 1 Jackdaw.
- MILLS, Mr. G. R. 9 Common Lizards.
- MINCHIN, Mrs. 1 Mozambique Guenon.
- MOFFAT, Mr. J. 1 Sparrow Hawk.
- MOLE, Mr. R. R., C.M.Z.S. 4 Rough-eyed Cayman,
 2 Cook's Tree Boas, 1 Bush Master.
- MOMBER, Lt.-Col. G. A., F.Z.S. 3 Rock Sparrows.
- MOORE, Mr. E. S. 1 Leopardine Snake.
- MOORE, Mr. W. Parkin. 1 Lesser Sulphur-crested Cocka-
 too.
- MORGAN, Mrs. Lloyd. 1 Common Squirrel.
- MOSS, Mr. G. J. 1 Common Kestrel.
- MOTE, Mrs. 1 Dwarf Chameleon.
- MOUNTED INFANTRY, The 5th Regiment. 1 White-tailed
 Gnu ♂.
- MUCKLEY, Mr. Fairfax. 4 Bankiva Jungle Fowls.
- MUNT, Mr. Henry, F.Z.S. 5 Sharp-nosed Crocodiles.
- MURRELL, Mr. A. 1 Roseate Cockatoo.
- NETTLEFOLD, Mrs. 1 Grey-breasted Parrakeet.
- NEUMANN, Mr. Alexander. 1 Common Fox.
- NICHOLLS, Mrs. Harry. 1 Common Macaque.
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NICHOLSON, Lt.-Col. R. H. 1 Peregrine Falcon, 1 White Gannet.

OCHS, Mr. J. F., F.Z.S. 1 Cockateel ♀.

OSMASTON, Mrs. E. M. 1 Orange-headed Thrush.

OWEN, Mr. Endaf Robyns. 1 Common Fox.

OWENS, Mrs. 1 Dwarf Chameleon.

PAGET, Rear-Admiral Sir Alfred, K.C.M.G. 1 Collared Peccary ♂.

PALMER, Mr. Edwin. 1 Campbell's Guenon.

PAM, Capt. Albert, F.Z.S. 1 Bare-eyed Thrush, 1 Saturnine Mocking Bird, 3 Violet-tailed Humming Birds, 1 *Cenone* Humming Bird ♂, 9 Yellow-winged Sugar-birds, 5 All Green Tanagers, 1 Spotted Emerald Tanager, 7 Blue Tanagers, 1 Palm Tanager, 2 Black Tanagers, 2 Maroon Tanagers, 2 Violet Tanagers, 5 Blue-winged Tanagers, 2 Dwarf Tanagers ♂ ♀., 4 Black-necked Tanagers, 3 Thick-billed Violet Tanagers, 1 Tanager, sp. inc., 1 Yellow-vented Finch, 1 Lined Finch ♂, 3 Black-headed Lined Finches, 2 White-throated Finches 2 ♀, 1 Lineated Finch ♀, 1 Plumbeous Finch, 2 Bluish Finches, 10 Dusky Finches, 4 Jacarini Finches, 5 Pileated Finches, 5 Guttural Finches, 5 Saffron Finches, 3 Little Saffron Finches, 2 Citron Finches, 1 Blue Grosbeak, 1 Rose-breasted Grosbeak, 2 Colombian Siskins, 1 Yellow-bellied Siskin, 4 Hooded Siskins, 1 American Bunting, 5 Pileated Song Sparrows, 1 Manimbe Sparrow, 1 Bare-faced Hangnest, 1 Golden Crowned Hangnest, 1 Brazilian Hangnest, 1 Yellow Hangnest, 4 Silky Cow-birds, 1 Great Spotted Woodpecker, 1 Santa Cruz Woodpecker ♀, 1 Green Toucan, 1 Summer Duck, 1 Mandarin Duck, 2 Sun Bitterns.

PARKER, Mr. 1 Great-billed Touracou.

"PRINCESS PAULINE." 1 Lesser White-nosed Guenon ♀.

PAULING, Mr. George, F.Z.S. 1 Hybrid Waterbuck ♂.

PEAT, Mr. R. M., F.Z.S. 1 Hairy-footed Jerboa.

PEIRANO, Miss Virginia. 2 Patas Guenons.

PERAK, The State Museum. 1 Lar Gibbon ♂, 1 Leopard Cat.

PETT, Mr. W. F. 1 Glass Snake.

PETTS, Mr. C. W. 1 Bonnet Macaque ♀.

PHILLIPPS, Mr. R. 1 Red-throated Laughing Thrush, 1 Black-headed Sibia, 2 West African Love-birds.

- THAMES SALMON ASSOCIATION, The. 6 Salmon, 2 Danube Salmon.
- THOMPSON, Mrs. Joseph. 1 White-backed Piping Crow.
- THOMSON, Dr. Dunville. 1 Pousargue's Guenon.
- THORPE, Mr. Charles. 1 Kingfisher.
- THORPE, Mrs. Monson. 1 Dwarf Chameleon.
- TIGNE, Major J. 2 Cape Turtle Doves.
- TIMBE, Mr. 1 Bird-eating Spider.
- TOMBS, Mr. H. T. 1 Blue and Yellow Macaw.
- TORR, Miss R. 2 Cockateels ♂ ♀.
- TRECHMANN, Mr. A. F. 1 Black-pointed Teguxin.
- TREGARTHEN, Mr. J. C. 1 Common Otter ♂.
- TUCK, The Rev. Julian G. 1 Tawny Owl.
- TUSCHER, Mrs. O. 1 Java Sparrow, 1 Orange Weaver, 1 Brambling, 2 Chaffinches, 1 Greenfinch, 1 Linnet, 1 Yellow Hammer, 1 Yellow-rumped Seed-eater.
- TYLER, Mr. Stanley E. 1 Common Marmoset.
- VALLET, Mr. C. E. Franklin. 1 Landrail.
- VAN CORTLANDT, Major R. 1 Grey Mongoose.
- VERRALL, The Misses. 1 Herring Gull.
- VON CHANOIN, Mrs. M. 3 Horned Lizards.
- WALDO, Mr. E. G. B. Meade-, F.Z.S. 1 Pileated Finch, 1 Reddish Finch ♀, 3 Cholmley's Rock Partridges, 6 Bocage's Red-eyed Doves, 4 Hemprich's Gulls.
- 45 WALKER, Mr. James Munro, F.Z.S. 1 Canadian Porcupine.
- WATT, Mr. George. 2 Common Buzzards.
- WALMESLEY, Miss E. 1 Grey Mongoose ♀.
- WALSHE, Capt. F. W. A. H., R.H.A. 1 Indian Gazelle.
- WALTER, Mrs. 2 Green Lizards.
- WARREN, Major H. G., F.Z.S. 1 Red River Hog.
- WATLING, Mr. Ralph. 1 Perch, 5 Pike, 12 Tench.
- WATSON, Mr. John. 1 Hagenbeck's Mangabey.
- WEBSTER, Miss Dorothy. 2 Common Duikers.
- WELLS, Mr. E. T. 1 Common Quail, 5 Grey-winged Francolins.
- WERRY, Capt. 1 Tambourine Pigeon.
- WEST, Mr. Colin, F.Z.S. 2 Merlins.
- WHATCOAT, Mr. H. O. 1 Peregrine Falcon.
- WHEELER, Mr. Sydney G. 2 Common Kestrels.
- WHITE, Mrs. William. 1 Campbell's Guenon ♂.
- WHITEFORD, Miss E. 1 Patas Guenon.
- WHITEHOUSE, Mr. Frank E. 1 Common Macaque.

- WIENER, the late Mr. A. F., F.Z.S. 1 Java Sparrow,
1 Red-beaked Weaver, 1 Orange Weaver.
WILKINSON, Mr. A. R. 1 Green Guenon ♀.
WILLIAMS, Miss D. M. 1 Black-eared Marmoset.
WILLIAMS, Mrs. E. 1 Rose-crested Cockatoo.
WILSON, Dr. A. G. 1 Grey Mongoose.
WOORE, Mr. Frank. 1 Golden Pheasant.
WYBURG, Mr. A. 1 Smooth-headed Capuchin.
YATES, Mr. Arthur. 1 Rook, 1 Kingfisher, 1 Common
Sheldrake.
YOUNG, Mr. Kenneth J. 1 Vulpine Phalanger.
YOUNG, Mr. W. H. 1 Condor.

STATE OF THE FINANCES.

The Report of the Auditors of the Accounts for 1906 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 1905, after discussion of the principles involved, continued the new system, and the same course has been followed this year by the Auditors dealing with the Accounts for 1906.

The total sum actually received within the year was £39,953 13s. 6d. On January 1st, 1906, the overdraft from 1905, amounting to £4,267 3s. 8d. (=Banker's Overdraft £4,347 15s. 6d. less £80 11s. 10d., cash in hand January 1st, 1906), was paid off thus leaving £35,686 9s. 10d. net receipts. In the course of the year, an alteration in the By-laws was made, raising the amount of the Composition in lieu of the annual subscription from £30 to £45 in the case of all Fellows elected after November 22nd, 1906. The Council decided not to treat these Compositions as income, as has been done in the case of the £30 Compounders, but to place them to a new Reserve Account. Accordingly, the sum of £135 received from three Compounders elected in December, 1906, was taken from income and placed to the New Composition

Fund, leaving £35,561 9s. 10d. for the purposes of the year. The money paid out amounted to £40,519 9s. 11d., thus leaving a deficit at the end of the year amounting to £4,968 0s. 1d. (= Banker's Overdraft £5,073 11s. 1d. less £105 11s. 0d., cash in hand on December 31st, 1906). The Overdraft has thus been increased by a sum of £701 16s. 5d., whilst a sum of over £9,000 has been spent out of income in the course of the year, on new works at the Gardens. Owing to the expenses connected with the New Bridge and the laying out of the North Bank coming after a heavy programme of new works had already been arranged, the Council had to pay, in one year, what normally would have been spread over two years, and accordingly it has been decided to undertake no extraordinary expenditure in 1907.

Comparison of Balance Sheet 1905 and 1906.

LIABILITIES.	1905.			1906.			Comparison.			
	£	s.	d.	£	s.	d.		£	s.	d.
Sundry Creditors and Rent and Taxes ...	1,729	4	0	2,131	9	5	+	402	5	5
Messrs. Drummond, Overdraft.....	4,347	15	6	5,073	11	1	+	725	15	7
Subscriptions received in advance	191	1	0	343	13	0	+	152	12	0
Composition Fund (not separately invested)	7,222	0	0	7,540	0	0	+	318	0	0
Zoological Society:	£13,490	0	6	15,088	13	6	+	1,598	13	0
New Composition Fund (invested)	—			135	0	0	+	135	0	0
Balance Dec. 31st	49,455	1	1	50,039	19	10	+	584	18	9
	£62,945	1	7	£65,263	13	4		—		

ASSETS.	1905.			1906.			Comparison.			
	£	s.	d.	£	s.	d.		£	s.	d.
Animals in the Menagerie.....	15,180	0	0	17,042	0	0	+	1,862	0	0
Freehold Premises, Hanover Square	25,000	0	0	25,000	0	0		—		
Books in Library	20,225	0	0	20,541	14	8	+	316	14	8
Unsold Publications	500	0	0	500	0	0		—		
„ “Zoological Record”	900	0	0	900	0	0		—		
Debts due to the Society	740	9	9	764	7	8	+	23	7	11
Balance of Cost of Drainage, to be repaid by instalments	319	0	0	275	0	0	-	44	0	0
Cash in hand at Gardens and Office	80	11	10	105	11	0	+	24	19	2
Deposit Account (New Composition Fund)	—			135	0	0	+	135	0	0
	£62,945	1	7	£65,263	13	4	+	2,318	11	9

The increase in the item "Sundry Creditors" on the liability side is accidental. The December bills are not paid until January, and they were a little heavier in 1906 than in 1905. The Composition Fund (not separately invested) is a liability that will decrease annually henceforward, as the compositions of all Fellows elected after the end of 1906 will be put to a separate account. The two items under the heading Zoological Society are placed on the liability side to balance; the first sum is the new Composition Fund, the second is the balance of assets over liabilities at the end of the year, the increases in these sums representing improvement in the financial position of the Society.

Comparison of Income, 1905 and 1906.

	1905.			1906.			Comparison.			
	£	s.	d.	£	s.	d.	£	s.	d.	
Admission Fees	1,215	0	0	1,675	0	0	+	460	0	0
Subscriptions	7,368	0	0	7,758	0	0	+	390	0	0
Compositions	1,080	0	0	1,032	0	0	-	48	0	0
Garden Sales (Animals).....	428	11	8	390	10	4	-	38	1	4
Rent of Refreshment Rooms	1,000	0	0	1,000	0	0	—			
Rents—Hanover Square	200	0	0	200	0	0	—			
Admission to Gardens	17,469	6	4	22,216	0	11	+	4,746	14	7
Riding Receipts	470	19	8	643	16	9	+	172	17	1
"Garden Guide" and Post-card sales, less expenses, printing, &c.	894	14	3	915	9	8	+	20	15	5
Rent of Lavatories	72	8	1	95	17	9	+	23	9	8
Miscellaneous Receipts	95	18	2	64	14	6	-	31	3	8
Income Tax recovered	126	8	7	—			-	126	8	7
	£30,421	6	9	£35,991	9	11	+	£5,570	3	2

	1905.			1906.			Comparison.			
	£	s.	d.	£	s.	d.	£	s.	d.	
Surplus of Income over Ordinary Expenditure	5,132	8	4	7,078	9	11	+	1,946	1	7

The very large increase in the income was a most satisfactory feature. It was due partly to the very fine summer and partly to the popularity of the Indian Exhibition, but it is specially notable that the amounts received from Fellows, and from the profits of the Garden Guide (a comparatively new source of income to the Society) continue to grow.

Comparison of Ordinary Expenditure, 1905 and 1906.

	1905.			1906.			Comparison.			
	£	s.	d.	£	s.	d.	£	s.	d.	
Rent, Rates, &c., Gardens	1,470	16	10	1,460	1	3	-	10	15	7
Charges under Licensing Act, 1904	14	13	4	15	0	0	+		6	8
Rates, Taxes and Insurance, Office	323	13	0	316	3	0	-	7	10	0
Salaries, Gardens	4,356	8	10	4,696	4	2	+	339	15	4
Do. Office.....	1,573	18	6	1,646	18	0	+	72	19	6
Pensions, Gardens	260	0	0	260	0	0				
Do. Office	752	0	0	752	0	0				
Provisions	3,608	6	2	3,992	16	11	+	384	10	9
Cost and Carriage of Animals	1,124	11	6	1,999	6	4	+	874	14	10
Menagerie Expenses	1,980	2	10	2,210	10	4	+	230	7	6
Prosectorium Expenses.....	863	4	6	718	3	3	-	145	1	3
Works (Ordinary) at Gardens	3,901	1	11	5,414	1	0	+	1,512	19	1
Do. at Office	168	14	2	161	0	6	-	7	13	8
Gardeners' Expenses	1,280	4	0	1,334	12	3	+	54	8	3
Advertisements	298	19	0	439	13	11	+	140	14	11
Band Expenses (Net)	136	8	0	165	15	11	+	29	7	11
House and Office Expenses, Gardens	322	13	1	343	9	10	+	20	16	9
Do. do. Office	727	1	0	703	15	2	-	23	5	10
Stationery and Printing (Miscellaneous)	396	8	9	386	7	11	-	10	0	10
Cost of Publications (Net).....	891	19	6	1,178	4	3	+	286	4	9
Cost of "Zoological Record" (Net).....	301	5	6	251	2	2	-	50	3	4
Library Expenses	415	6	8	418	11	4	+	3	4	8
Law Expenses.....	56	13	8	2	2	0	-	54	11	8
Interest on Loans	64	7	8	47	0	6	-	17	7	2
TOTALS	£25,288	18	5	£28,913	0	0	+	£3,624	1	7

The increase in the expenditure on provisions has already been referred to (p. 37). That on the cost and carriage of animals was due to the purchase of an African Rhinoceros and a young Hippopotamus at the end of the year. In the Menagerie expenses there was a serious increase in the consumption of water, due partly to the dryness of the summer months and partly to the new large ponds. A considerable amount of the expenditure on works was in reality extraordinary, and there should be a large decrease on this item in the current year.

CONCLUSION.

The Council can again congratulate the Fellows on the prosperous condition of the Society. The number of Fellows has increased, and the surplus of income over

ordinary expenditure is still larger than in 1905. As was anticipated in the Report last year, it was impossible to reduce the deficit in the course of the year, but very large permanent improvements have been made at the Gardens. Even if the income from gate money in the course of 1907 should revert to the average of ordinary years, the Council still expect to make a large reduction in the deficit at the end of 1907.

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

Council	18
Garden Committee	13
House and Library Committee ...	10
Publication Committee	15
Prosectorial Committee	10
Zoological Record Committee ...	1
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 21st, 1907.

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

APPOINTED JANUARY 17TH, 1907.

THE Committee of Auditors to the Zoological Society of London (with the assistance of the professional Auditor, who has certified the whole of the accounts in detail) having examined the books and accounts for the year ended 31st December, 1906, submit to the Society an abstract of the accounts, together with an estimate of the assets and liabilities at the close of the year.

It will be seen that the balance of ordinary income over ordinary expenditure has been £7,078. 9s. 11d., whilst against this there has been an extraordinary expenditure of £8,355. 11s. 2d., which has resulted in the Bank overdraft being increased by £725. 15s. 7d.

The ordinary expenditure includes the disbursements in connection with the Indian Collection presented by H.R.H. The Prince of Wales, and the purchase of a Rhinoceros and a Hippopotamus. The extraordinary expenditure includes the bridge over the Canal, new Cattle Sheds, etc.

BALANCE SHEET,

LIABILITIES.

	£	s.	d.	£	s.	d.
To Sundry Creditors	1,901	4	4			
Do. for Rent and Taxes	230	5	1			
	<hr/>			2,131	9	5
„ Messrs. Drummond & Co., Overdraft				5,073	11	1
„ Subscriptions received in advance				343	13	0
„ Composition Fund (not separately invested)—						
Balance at January 1st, 1906	7,222	0	0			
Add 45 New Fellows at £30	1,350	0	0			
	<hr/>			8,572	0	0
Less Amount transferred to Revenue	1,032	0	0			
	<hr/>			7,540	0	0
„ Zoological Society, viz.,						
New Composition Fund, 3 at £45 separately						
invested	135	0	0			
General Purposes—						
Balance at January 1st, 1906 £49,455 1 1						
Add Excess of Ordinary						
Income over Expenditure 7,078 9 11						
	<hr/>			56,533	11	0
Less Excess of Extra-						
ordinary Expenditure						
over Income 8,355 11 2						
	<hr/>			48,177	19	10
Add Increased value of						
total stock of animals 1,862 0 0						
	<hr/>			50,039	19	10
	<hr/>			50,174	19	10
	<hr/>					
	<hr/>			£65,263	13	4

31st DECEMBER, 1906.

ASSETS.

	£	s.	d.	£	s.	d.
By Animals in the Menagerie at Regent's Park at 31st December, 1905, estimated at	15,180	0	0			
<i>Add</i> Increase in value at 31st December, 1906	1,862	0	0			
				17,042	0	0
„ Freehold Premises at Hanover Square, taken as in last Balance Sheet				25,000	0	0
„ Books in Library (including purchases in 1906, £316 14 8) estimated at				20,541	14	8
„ Unsold Publications as at 31st December, 1905...				500	0	0
„ Stock of "Zoological Record" as at 31st December, 1905				900	0	0
„ Debts due to Society—						
Rent for Refreshment Rooms	250	0	0			
„ Offices at Hanover Square	38	12	6			
Garden Sales	71	10	7			
Bradbury, Agnew & Co. for Advertisements in "Garden Guide"	61	18	10			
Arrears of Fellowship Subscriptions £105, estimated to realise	36	0	0			
Messrs. Spiers & Pond for Lavatories, &c.	100	17	9			
Publication Sales	205	8	0			
				764	7	8
„ Drainage at Refreshment Rooms, as per last Balance Sheet	319	0	0			
<i>Less</i> Instalments received from Messrs. Spiers & Pond	44	0	0			
				275	0	0
„ Cash in hand at Office and Gardens				105	11	0
„ Cash on Deposit on account of New Composition Fund				135	0	0
Office Furniture, Loose Plant, Premises at Gardens, Tools, &c., not valued.						
				£65,263	13	4

INCOME AND EXPEN

FOR THE YEAR ENDED

DECEMBER 31 1908

INCOME.

	£	s.	d.	£	s.	d.
Admission Fees (New Fellows)				1,675	0	0
Subscriptions (Fellows)				7,758	0	0
Compositions—						
Amount transferred from Fund—						
24 Fellows deceased during the year ...	50	0	0			
491 Fellows at £2	982	0	0			
				<u>1,032</u>	<u>0</u>	<u>0</u>
Sales of Animals, &c.				390	10	4
Rent of Refreshment Rooms				1,000	0	0
Rents, Hanover Square				200	0	0
Admissions to Gardens... ..				22,216	0	11
Riding Receipts... ..				643	16	9
Sale of Official Guide and Postcards ...	1,425	0	7			
Less Expenses, Printing, &c.	509	10	11			
				<u>915</u>	<u>9</u>	<u>8</u>
Lavatories				95	17	9
Miscellaneous Receipts... ..				64	14	6

Carried forward

£35,991 9 11

EXPENDITURE ACCOUNT.

31ST DECEMBER, 1906.

NARY.

EXPENDITURE.

	£	s.	d.	£	s.	d.
Rent, Rates, Taxes and Insurance, Gardens ...				1,460	1	3
Charges under Licensing Act, 1904... ..				15	0	0
Rates, Taxes and Insurance, Office				316	3	0
Salaries, Gardens, Management and Keepers ...				4,696	4	2
Do. Office				1,646	18	0
Pensions, Gardens				260	0	0
Do. Office				752	0	0
Provisions, including Storekeeper's Wages ...				3,992	16	11
Cost and Carriage of Animals				1,999	6	4
Menagerie Expenses:—						
Coke	339	6	8			
Straw	213	13	4			
Water and Pumping	689	16	4			
Keepers' Uniforms	164	11	6			
New Cages, Fittings and Seats	201	6	8			
Sand and Sawdust	145	10	6			
Medical Attendance	59	13	0			
Other Expenses	396	12	4			
				2,210	10	4
Prosectorium Expenses:—						
Salaries	644	19	2			
Other Expenses	73	4	1			
				718	3	3
Maintenance of Buildings, Paths, &c., Gardens:—						
Wages	3,139	9	8			
Materials	2,274	11	4			
				5,414	1	0
Gardener's Expenses:—						
Wages	1,085	14	10			
Other Expenses	248	17	5			
				1,334	12	3
Repairs at Office				161	0	6
Advertisements				439	13	11
Band Expenses (net cost)				165	15	11
Fuel, Light, &c., at Superintendent's and Keepers' Houses and Offices at Gardens				343	9	10
House and Office Expenses, Hanover Square:—						
Wages of Housekeeper, Servants and Messengers ...	292	9	9			
Fuel, Light and Water	137	3	9			
Other Expenses and Postage	274	1	8			
				703	15	2
Stationery and Miscellaneous Printing				386	7	11
Cost of Publications	1,925	10	7			
Less Subscriptions and Sales	747	6	4			
				1,178	4	3
Cost of "Zoological Record"	909	6	6			
Less Subscriptions and Sales	£586	0	4			
Transfer from Davis Fund	72	4	0			
	658	4	4			
				251	2	2
Carried forward				£28,445	6	2

INCOME.

	£	s.	d.
Brought forward	35,991	9	11

£35,991 9 11

EXTRA

	£	s.	d.
C. Czarnikow, Esq., Contribution towards cost of Small Bird's House	1,000	0	0
Balance being excess of Extraordinary Expenditure over Income carried to Balance Sheet	8,355	11	2
	<u>£9,355</u>	<u>11</u>	<u>2</u>

DAVIS

£1,900 London and South Western Railway New

Dividends	<u>£72 4 0</u>
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We certify that we have examined the foregoing Accounts with the Books and have also verified the Bankers' Balance and the Securities.

3, Hanover Square, W.,
February 28th, 1907.

NARY.

<i>EXPENDITURE.</i>							£	s.	d.	£	s.	d.
	Brought forward	...	...	...	...	...				28,445		2
Library Expenses:—												
	Salaries	...	...	...	...	...	302	0	0			
	Binding	...	...	...	...	...	106	4	10			
	Other Expenses	...	...	...	...	...	10	6	6			
							<hr/>			418	11	4
	Law Expenses	...	...	...	...	...				2	2	0
	Interest on Loans	...	...	...	...	...				47	0	6
	Balance being Excess of Ordinary Income over Expenditure carried to Balance Sheet	...	...	...	...	...				7,078	9	11
							<hr/>			£35,991	9	11
							<hr/>					

ORDINARY.

							£	s.	d.			
Works at Gardens:—												
	Wages	...	...	...	...	...	3,124	0	8			
	Materials and Contracts	...	...	...	...	...	6,231	10	6			
							<hr/>			£9,355	11	2
							<hr/>					
							£	s.	d.			
Being payments on account of the following works:—												
	Eastern and Western Aviaries (completion)	...	...	...	...	...	99	16	7			
	Antelope Paddock	...	...	...	...	...	316	19	7			
	New Drains	...	...	...	...	...	244	12	1			
	New Bridge over Canal	...	...	...	...	...	1,422	3	0			
	Otter Pond	...	...	...	...	...	421	13	9			
	Laying out Canal Banks	...	...	...	...	...	525	1	0			
	Small Birds' House	...	...	...	...	...	1,903	19	8			
	Heating and Ventilating Monkey House	...	...	...	...	...	200	0	0			
	Cattle Sheds	...	...	...	...	...	4,221	5	6			
							<hr/>			£9,355	11	2
							<hr/>					

TRUST FUND.

4 per cent. Preference Stock (Present Value at 117, £2,223.)

Payment to Editor of "Zoological Record" ...	£72	4	0
	<hr/>		

Vouchers of the Society, and have found them to be in accordance therewith. We

W. LATTA (<i>Chairman</i>),	}	<i>Committee of Auditors.</i>
R. H. BURNE,		
ERNEST GIBSON,		
F. G. GOODCHILD,		
D. F. MACKENZIE,		
E. T. NEWTON,		
ATWOOD THORNE,		

W. B. KEEN, *Chartered Accountant.*

