





ZOOLOGICAL SOCIETY OF LONDON



REPORT  
OF THE  
COUNCIL AND AUDITORS  
OF THE  
ZOOLOGICAL SOCIETY  
OF LONDON,  
FOR THE YEAR 1905.

PREPARED FOR THE ANNUAL GENERAL MEETING,

TO BE HELD ON

MONDAY, APRIL 30<sup>TH</sup>, 1906.

---

PRINTED BY  
WATERLOW & SONS LIMITED, LONDON WALL, LONDON.  
1906.



## CONTENTS.

---

	PAGE.
Annual General Meeting ... ..	3
State of Roll of Members ... ..	4
Fellows ... ..	4
Foreign and Corresponding Members ...	5
Scientific Meetings ... ..	6
Scientific Publications ... ..	7
Proceedings ... ..	7
Transactions ... ..	7
Zoological Record ... ..	8
Institutions in Receipt of Publications ...	9
Garden Guide ... ..	9
Library ... ..	10
The Gardens, Regent's Park ... ..	20
New Works and Repairs ... ..	20
New Works in Progress ... ..	24
Donation of a New Bird House ... ..	24
Staff... ..	25
Visitors ... ..	26
Fellows' Tickets ... ..	29
Excursion and School Tickets ... ..	29
Prosector's Department ... ..	30
Menagerie ... ..	32
Provisions ... ..	32
General Condition of the Animals ... ..	33
Breeding of Animals at the Gardens in 1905	34
Additions to the Menagerie in 1905... ..	37
List of Species New to the Collection, ex- hibited in 1905 ... ..	41
List of Donors and their Donations for 1905	46
State of the Finances ... ..	57
Conclusion ... ..	60
Report of the Auditors of the Society for 1905 ...	61



## REPORT OF THE COUNCIL

*for the year 1905.*

---

### ANNUAL GENERAL MEETING.

THE Seventy-seventh Annual General Meeting of the Society will be held on Monday, April 30th, 1906, as April 29th falls on a Sunday. 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.



- Dr. George Ossian Sars, Zootomical Institute, The University, Christiania, Norway.
- Stanley C. Tomkins, Esq., C.M.G., Entebbe, Uganda, British East Africa.
- Prof. Dr. Kakichi Mitsukuri, Director of the Science College, Imperial University, Tokyo, Japan.
- Prof. Ignacio Bolivar, Zoological Department, The University, Madrid, Spain.
- Capt. Alexander N. Kaznakoff, Director of the Caucasian Museum, Tiflis, Russia.
- Dr. Theodor Mortensen, PH.D., Zoological Museum, The University, Copenhagen, Denmark.
- A. Sherbourne Le Souëf, Esq., Zoological Gardens, Sydney, N.S.W.
- Prof. Samuel Wendall Williston, The University of Chicago, U.S.A.
- Nelson Annandale, Esq., B.A., Deputy Superintendent of the India Museum, Calcutta, India.
- Herbert C. Robinson, Esq., Curator of Kwala Lumpor Museum, Selangor, Straits Settlements.
- Monsieur Guillaume Grandidier, 9, Avenue Marceau, Paris, France.
- Prof. Francisco Saverio Monticelli, Director of the Zoological Institute, The University, Naples, Italy.
- George L. Bates, Esq., c/o Messrs. John Holt & Co., Kribi, Cameroons, German West Africa.
- Monsieur Michel L'hoëst, Director of the Royal Zoological Society, Antwerp, Belgium.
- Capt. Herbert James Walton, I.M.S., F.R.C.S., c/o Messrs. King, King & Co., Bombay, India.
- The Hon. E. G. Bennett, K.C., St. Lucia, British West Indies.
- Henry Nicholas Ridley, Esq., The Botanic Gardens, Singapore, Straits Settlements.
- Dr. Alfredo Dugès, Prof. of Natural History, Calle de Pocitos, 1, Guanajuato, Mexico.
- Dr. Richard Semon, 44, Prinz Ludwigshöhe, Munich, Bavaria.

#### SCIENTIFIC MEETINGS.

To the twelve meetings for the despatch of scientific business held in the Society's Rooms in Hanover Square in 1905, 132 communications were made. Of these, 106



were from Fellows and 7 from Corresponding Members. The remaining 19 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 1904 was 92.

These communications were submitted to the Committee of Publication, by which 84 were ordered to be printed in the 'Proceedings,' and 2 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.

The two volumes for 1905 contain altogether 937 pages with 37 plates and 162 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.
1896 . . .	52	1110	1901 . . .	69	1144
1897 . . .	57	1013	1902 . . .	68	813
1898 . . .	66	1091	1903 . . .	57	780
1899 . . .	72	1108	1904 . . .	60	1010
1900 . . .	62	1063	1905 . . .	37	937

#### *Transactions.*

Of the Society's quarto 'Transactions' two parts were published in 1905, viz.:—

VOL. XVII. PART IV. (October, 1905).

A contribution to our knowledge of the varieties of the Wall Lizard (*Lacerta muralis*) in Western Europe and North Africa. By G. A. Boulenger, F.R.S., V-P.Z.S. (With 8 Plates.)

VOL. XVII. PART V. (December, 1905.)

On the Intestinal Tract of Mammals. By P. Chalmers Mitchell, M.A., D.Sc., Secretary to the Society. (With 50 Text-figures).



Another memoir, of which the title is subjoined, has been ordered by the Committee of Publication to be printed in the 'Transactions,' and will be proceeded with without delay:—

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

*Zoological Record.*

The 41st volume of the 'Zoological Record' (which contains a summary of the work done by Zoologists all over the world in 1904), edited by Dr. David Sharp, F.R.S., was published and issued to the subscribers on December 31st, 1905.

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 will 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. Cœlenterata	1	6
XVII. Spongiæ	2	0
XVIII. Protozoa	2	0
Index of new names of genera and subgenera	2	0



*Provisional Amalgamation with the Zoology Section of the  
International Catalogue of Scientific Literature.*

The annual issues of the 'Zoological Record' have long been regarded as amongst the most important services to Zoological Science rendered by the Society. The magnitude of the task has been increasing annually, and in recent years the Zoology Volumes of the International Catalogue of Scientific Literature, issued by an International Bureau under the auspices of the Royal Society, have to a certain extent covered the same ground. The Council have arranged for a provisional amalgamation of the two undertakings for a period of five years, beginning with the literature for the year 1906, to be published in 1907, and hope that the union will lead to increased efficiency and economy. The 'Zoological Record' Committee will remain responsible for the scientific side of the work, and the conjoint volumes will be issued with numbers and title pages in series with the existing 'Zoological Record,' so that, at the end of the period of five years, the Zoological Society may resume its independent control, if the amalgamation be not successful.

*List of Institutions on the Exchange List of the Society's  
Publications.*

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

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.

*Garden Guide.*

The 'Official Guide to the Society's Gardens,' written by the present Secretary, consists of 112 pages, with 50 illustrations reproduced from photographs taken by Mr. W. P. Dando, F.Z.S., 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. The first and second Editions amounting to 41,665 copies have been sold and are now out of print. The third Edition of 40,000 copies is expected to last until Easter, 1906, by which time a fourth edition with 37 new illustrations will be ready.

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 200,000 of these Postcards of the animals have been sold during the past two years.

#### 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 2,000 visits were paid to it by Fellows and persons introduced by them. About 1,680 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>
British Museum .....	Oates. Catalogue of the Collection of Birds' Eggs in the British Museum. Vol. IV. 1905.
	Hampson. Catalogue of the Lepidoptera Phalænæ. Vol. V. 1905.
	Kirby. A Synonymic Catalogue of Orthoptera. Vol. I. 1904.
	Ogilvie-Grant. Guide to the Gallery of Birds. 1905.
Cassell & Co. ....	The Zoological Society of London. By H. Scherren. 1905.
C. Czarnikow.....	Mit Blitzlicht und Büchse. Von C. B. Schillings. 1905.



<i>Donor.</i>	<i>Donation.</i>
Sir Charles Eliot .....	Enumeratio Molluscorum Siciliae. By R. A. Philippi. 2 Vols. 1836-44. The East Africa Protectorate. 1905.
F. Finn. ....	The Birds of Calcutta. 1904. 'Indian Field' 1905.
J. D. F. Gilchrist.....	Marine Investigations of South Africa., Vols. II. and III. 4 parts. 1903-4.
E. A. Goeldi .....	Os Mosquitos no Pará. 1905.
G. Grandidier .....	Recherches sur les Lémuriens. 1905.
E. Haeckel.....	Der Kampf um den Entwicklungs-Gedanken. 1905.
Otto Herman .....	Recensio critica automatica of the Doctrine of Bird-Migration. 1905.
F. W. Hutton .....	The Animals of New Zealand. By F. W. Hutton and J. Drummond. New ed. 1905.
H. von Ihering .....	Rèvista do Museu Paulista. Vol. VI.
India Museum .....	Deep-Sea Holothurioidea. By R. Koehler and L. Vaney. Indian Decapod Crustacea. Part 2. By A. Alcock. Illustrations of the Zoology of the 'Investigator.' Crustacea xi.; and Fishes viii.
C. L. Jackson.....	The Lancashire Sea Fisheries. 1899.
P. Chalmers Mitchell ...	Sedwick's Students' Text-book of Zoology. Vol II. 1905.
H.S.H. Albert, Prince of Monaco.	Résultats des Campagnes scientifiques accomplies sur son Yacht par Albert 1 <sup>er</sup> Prince Souverain de Monaco. Fasc. xxviii.-xxxi. Bulletin du Musée Océanographique de Monaco. Nos. 28-55.
E. Oustalet .....	A Collection of Twenty Zoological Pamphlets.
C. C. Porter .....	Twelve Miscellaneous Zoological Pamphlets.
Howard Saunders .....	Field Book of Wild Birds and their Music. By F. S. Mathews. 1904.
Max Weber .....	'Siboga-Expeditie.' Monographs. Parts viii., xlv., xlvi., lxi.
W. Winans .....	Eight Photographs showing the Growth of a Deer's Antlers.

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

- Braun (Max). The Animal Parasites of Man. 8vo. London, 1906.  
 Buller (W. L.). Supplement to the Birds of New Zealand. Vol. I. Folio. London, 1905.



- Haeckel (E.). *The Evolution of Man*. 2 Vols. 4to. London, 1905.
- Hansen (H. J.), and Sörensen (W.). *On Two Orders of Arachnida*. 4to. Cambridge, 1904.
- Hantzsch (B.). *Beitrag zur Kenntniss der Vogelwelt Islands*. 8vo. Berlin, 1905.
- Harvie-Brown (J. A.). *Travels of a Naturalist in Northern Europe*. 2 Vols. 8vo. London, 1905.
- Holland (W. J.). *The Moth Book*. 8vo. New York, 1903.
- Johnstone (J.). *British Fisheries*. 8vo. London, 1905.
- Kelsall (J. E.), and Munn (P. W.). *The Birds of Hampshire and the Isle of Wight*. 8vo. London, 1905.
- Knipe (H. R.). *Nebula to Man*. 4to. London, 1905.
- Lankester (E. Ray). *Extinct Animals*. 8vo. London, 1905.
- Mark's Anniversary Volume. 4to. New York, 1903.
- Millais (J. G.). *The Mammals of Great Britain and Ireland*. Vols. I. and II. Folio. London, 1904-05.
- Newton (A.). *Ootheca Wolleyana*. Part 3. 8vo. London, 1905.
- Peckham (G. W.), and Peckham (E. G.). *Wasps Social and Solitary*. 8vo. Westminster, 1905.
- Powell-Cotton (P. H. G.). *In Unknown Africa*. 8vo. London, 1904.
- Renier (S. A.). *Tavola per servire alla classificazione e conoscenza degli animali*. Patova, 1807 [*Photographic reproduction*].
- *Tavola alfabetica della Conchiglie Adriatiche*. Padova, 1804 [*Photographic reproduction*].
- *Prospetto della classe dei Vermi*. Padova, 1804 [*Photographic reproduction*].
- Sarasin (P.), and Sarasin (F.). *Reisen in Celebes*. 2 Vols. 8vo. Wiesbaden, 1905.
- 'Snaffle' [Dunkin R.]. *The Roedeer: a Monograph*. 4to. London, 1904.
- Thomson (J.). *Physis, recueil d'Histoire Naturelle*. 3 Vols. 8vo. Paris, 1867-69.
- Weismann (A.). *The Evolution Theory*. 2 Vols. 8vo. London, 1904.
- Whitaker (J. I. S.). *The Birds of Tunisia*. 2 Vols. 8vo. London, 1905.
- Vries (H. de). *Species and Varieties: their Origin by Mutation*. 8vo. Chicago, 1905.

The following is a list of the principal zoological works in course of publication, of which parts were purchased in 1905:—

- André. *Species des Hyménoptères*. Tome vii. bis., fasc. 88-92.
- Barrett. *Lepidoptera of the British Islands*. Parts cxiii.-cxviii.
- 'Belgica.' *Expedition Antarctique Belge*. *Organogénie des Pinnipèdes*, by H. Leboucq.
- Biologia Centrali-Americana*. Edited by F. DuCane Godman, Zoology, Parts clxxxvi.-clxxxix.



- Bronn's Thierreich. Band ii. (*Echinoderma*), Lief. 67-70; Band iii. Suppl. (*Tunicata*), Lief. 53-67; Band v. (*Arthropoda*), Lief. 72-74; Band vi. Abth. 1. (*Pisces*), Lief. 16-20; Band iii. Suppl. (*Mollusca*), Lief. 75-79; Band iv. (*Turbellaria*), Lief. 65, 74. Band iv. Suppl. (*Schnurwürmer*), Lief. 23-26; Band vi. Abth. ii (*Mammalia*), Lief. 65-70.
- Deutsche Südpolar - Expedition, 1901-03; Band ix. (Zool). Heft. i.
- Distant. Insecta Transvaaliensia. Part vi.
- Dresser. Eggs of the Birds of Europe. Part i.
- Hartert. Die Vögel der paläarktischen Fauna. Heft iii.
- Hertwig. Handbuch der vergleichenden und experimentellen Entwicklungslehre der Wirbeltiere. Lief. 21-26.
- Hofmann. Die Schmetterlinge Europas. 3te Aufl. Von A. Spuler. Lief. xxviii.-xxxii.
- India. Fauna of British India. Butterflies, Vol. i. By C. T. Bingham.
- Kerremans. Monographie des Buprestides. Tome i. Livr. 3, 14.
- Kobelt. Iconographie der schalentragenden europäischen Meeresconchylien. Band iii., Lief. 7-11.
- Rossmässler's Iconographie der europäischen Land- und Süsswasser-Mollusken. N. F. Band xii., Lief. 1-2.
- Leuckart und Chun. Bibliotheca Zoologica. Heft xliii.-xlv.
- Maldive and Laccadive Archipelagoes. Vol. ii. Part 4, and Suppl. i.
- Martini und Chemnitz. Conchylien-Cabinet. Lief. 495-505.
- Moore. Lepidoptera Indica. Parts 69-73.
- Nansen. Norwegian North Polar Expedition. 1893-98. Vol. vi. Opuscula Ichnoneumonologica. Fasc. 8-11.
- Patagonia. Princeton University Expeditions, 1896-99. Vol. iii. Mammalia, Part i. Vol. v. Palæontology. Parts 1-3.
- Plankton-Expedition der Humboldt-Stiftung. Schizophyceen. Von N. Wille; Aulacanthiden. Von F. Immermann; Eier und sogenannte Cysten. Von H. Lohmann; Acanthometea. Von A. Popofsky.
- Reichenow (A.). Die Vögel Afrikas. Band iii. Hälfte 2.
- Retzius. Biologische Untersuchungen. Neue Folge. Bd. xii.
- Rey. Die Eier der Vögel Mitteleuropas. Lief. 27-30.
- Römer and Schaudin. Fauna Arctica. IV., Lief. 1-2.
- Selenka. Studien über Entwicklungsgeschichte der Tiere. Hefte xiii.
- Semper. Reisen im Archipel der Philippinen. Bd. ix. Heft 6, Lief. 2; x., Heft 1.
- Sepp. Niederländische Vlinders. Ser. 3. Don A. Brants. Vol. i., Afl. 1, 2.
- Shelley. Birds of Africa. Vol. iv., part 2.
- Taylor. Land and Freshwater Mollusca of the British Islands. Part xi.
- Trouessart. Catalogus Mammalium. Suppl. Fasc. iii., iv.
- Thierreich. Lief. 22, 23.
- Tryon. Manual of Conchology. Ser. 2, Parts lxvii.-lxviii.



'Valdivia.' Wissenschaftliche Ergebnisse der Deutschen Tiefsee-Expedition auf dem Dampfer 'Valdivia' 1898-99, Band ii., Teil. i. Lief. i.; ii., Teil. ii., Lief. i.; ix., Lief. i.; x., Lief. 1, 2; xi., Lief. i.

Wytsman. Genera Insectorum. Fasc. 20-35, and 22<sup>b</sup>.

Wytsman. Genera Avium. Fasc. 1-5.

The following is a list of periodicals received in 1905 from the various Societies and Institutions with which this Society is in correspondence:—

#### AFRICA.

- Cape Town: S. Afr. Mus., Annals, iii., 6-9; Report 1904.  
 " " S. Afr. Phil. Soc., Trans. xv. parts 4, 5; xvi., parts 1, 2.  
 " " S. Afr. Assoc. Adv. Sci. Report 1904.  
 Grahamstown: Albany Mus., Records i., parts 4, 5.  
 London: S. Afr. Ornithol. Union, Journ. i., no. 1.

#### AMERICA (North).

- Boston: Amer. Acad. of Arts. & Sci., Proc. xl., nos. 15-24; xli., nos. 1-13.  
 " Bost. Soc. Nat. Hist., Proc. xxxi., nos. 2-10; xxxii., nos. 1, 2; Memoirs, v., nos. 10, 11; vi., no. 1; Occasional Papers, vii., nos. 1-3.  
 Brooklyn: Inst. of Art. & Sci., Bull. i., nos. 5, 6; Cold Spring Harbor Monogr. nos. 3-5; Report 1904.  
 Cambridge, Mass.: Mus. Comp. Zool. Harvard Coll., Bull.; xlii. no. 6; xlvi., nos. 4-9; xlvii.; xlviii., no. 1; Mem. xxv., no. 2; xxvi., no. 5; xxx., no. 2; xxxii.  
 Chicago: Field Columbian Mus., Rep. Ser., ii., no. 4; Zool. Ser. v.  
 Halifax: Nova Scotian Inst. Sci., Proc. & Trans. xi., part 1.  
 Indianapolis: Indiana Ac. Sci., Proc. 1903.  
 Montreal: Roy. Soc. Canada, Proc. and Trans. ser. 2, x., parts 1, 2.  
 New York: Amer. Mus. Nat. Hist., Bull. xvii., parts 3, 4; xviii., part 3; xx.; xxi., part. 1-25; Journ. v., no. 1; Mem. iii., part 3; Ann. Rep., 1904.  
 " " Linn. Soc., Abstract of Proc. nos. 15, 16 (1902-4).  
 " " N. Y. Acad. Sci., Annals, xv., part 3; xvi., parts 1, 2; Mem. ii., part 4.  
 " " Zool. Soc., Rep. 9th 1904 (1905); Bull. nos. 17-18.  
 Philadelphia: Acad. Nat. Sci., Proc. lvi., part 3; lvii., parts 1, 2; Entomol. News, xvi., nos. 1-10; Journ. ser. 2, xiii., no. 1.  
 " Amer. Ent. Soc., Trans. xxx., no. 4; xxxi., nos. 1-4.  
 " Amer. Phil. Soc., Proc. xliii., no. 178; xliv., nos. 179, 180; Trans. xxxi., part 1.  
 Pittsburg: Carnegie Mus. Annals, iii., nos. 1-3; Memoirs, ii., nos. 2-5; Prize Essays, 1904; Papers from Cold Spring Harbor, nos. 1-3.



- Toronto : Univ. of Toronto, Studies (Biol. Ser.), no. 4 : (Geol. Ser.), no. 3.
- Urbana : Illinois State Lab. Nat. Hist., Bull. vii., article 4.
- Washington : Biol. Soc., Proc. xviii., pp. 1-226.
- ” Smiths. Inst., Ann. Rep. 1904 (1905); Miscell. Coll. nos. 1444, 1543, 1544, 1571, 1584, 1752 ; (Quarterly issue), ii., parts 2-4 ; iii., part 1.
- ” U. S. Nat. Mus., Proc. xxviii. ; Bull. 1., part 2 ; liii., part 1. Ann. Rep. 1903.
- ” U. S. Fish Comm., Bull. xxiii., parts 1, 2 ; Rep. 1903 (1905).
- ” U. S. Geol. Surv., Monographs, xlvii. ; Ann. Rep, xxv. ; Bull. nos. 234-240, 242-246, 248-250, 252, 257-262, 264 ; Professional Papers nos. 29-33, 35. 39 ; Water-supply Papers nos. 99, 100, 103, 105-122, 126, 128, 132.
- ” U. S. Dep. Agric. (Division of Entomol.), Bull. N. S. nos. 45, 47, 50, 51, 53, 54.
- ” Washington Ac. Sci., Proc. vi., pp. 429-481 ; vii., pp. 1-300 ; Report, 1905.

## AMERICA (South).

- Buenos Aires : Nat. Mus., Anales, ser. 3., iii., iv., ix., part 4.
- Cordova : Nat. Acad. Sci., Boletin, xvii., entr. 4.
- Montevideo ; Nat. Mus., Anales, v.
- Pará : Goeldi Mus., Boletim, iv., no. 1-3 ; Mem. iv.
- Santiago : Sci. Soc. Chili, Actes, xiv., livr. 1-4.

## AUSTRALIAN COLONIES.

- Adelaide : Roy. Soc. S. Austr., Trans. xxviii.
- Melbourne : Roy. Soc. Vict., Trans. & Proc. ; xvii., part 2 ; xviii., part 1.
- Sydney : Austr. Mus., Records, v., part 5 ; vi., parts 1, 2 ; Report 1903-04.
- ” Linn. Soc. N.S.W., Proc. xxix., parts 3, 4 ; xxx., parts 1, 2.
- Wellington : New. Zeal. Inst., Trans. & Proc. xxxvii. (1905).

## AUSTRIA-HUNGARY.

- Budapest : Roy. Hung. Mus., Annales, iii., parts 1, 2 (1905).
- Cracow : Acad. Sci., Bull. 1904, nos. 8-10 ; 1905, nos. 1-7.
- Vienna : Imp. Acad. Sci. ; Sitzungsber., cxii., Hefte 4-10 ; cxiii., 1-10 ; Anzeiger 1904, 25-27 ; 1905, 1-21 ; Mitteilungen, 1903, nos. 22-27 ; Denkschriften, lxxiv., lxxvii.
- ” Zool. Bot. Soc., Abhandl. 3, Hefte 1, 2 ; Verhandl. lv., Hefte 1-8.

## BELGIUM.

- Brussels : Ent. Soc. Belg., Annales, xlvi.
- ” Geol. Soc. Belgium, Bull, xviii., fasc. 4 ; xix., fasc. 1, 2.
- ” Mus. Congo Free State, Annales (Zool.), sér 3 ; i. fasc. 2 ; iii. fasc. 1 ; sér. 4 ; 1, fasc. 1.



Brussels : Roy. Acad. Sci., Mém. (4to), i., fasc. 1, 2 ; (8vo.), i., fasc. 1-3 ; Bull. 1904, no. 12 ; 1905, nos. 1-8 ; Annuaire, 1905.

„ Roy. Zool. Malac. Soc., Annales, xxxviii., xxxix.

## CHINA.

Shanghai : Roy. Asiatic Soc., China Branch, Journ. xxxv., xxxvi.

## EAST INDIES.

Bombay : Bombay Nat. Hist. Soc., Journ. xvi., nos. 1-4.

Calcutta : Asiat. Soc. Bengal, Proc. 1904, nos. 6-11, Journ. lxxiii., part 2, nos. 3-5 ; part 3, nos. 3, 4 ; Journ. and Proc. i., nos. 1-4.

Calcutta : Geol. Surv. India, Mem. (Palæontologica Indica), N.S. ii., part 2. Records, xxxi., part 4 ; xxxii., parts 1-3.

„ India Museum Report, 1903-4.

Colombo : Roy. Asiat. Soc. Ceylon Branch, Journ. xviii.

„ Colombo Museum : 'Spolia Zeylanica,' iii., parts 9, 10.

## FRANCE.

Caen : Linn. Soc. Normand, Bull. sér. 5, vii. ; Mém. xxi., fasc. 1.

Paris : Mus. Nat. Hist., Nouv. Archives, sér. 4, vi., fasc. 1, 2 ; Bull. 1904, nos. 7, 8 ; 1905, nos. 1-3.

„ Nat. Soc. Acclim., Bull. 1905.

„ Philomath. Soc., Bull. sér. 9, vi., no. 4 ; vii., nos. 1-5.

„ Zool. Soc. France, Mém. xvii., nos. 1-4 ; xviii., nos. 1, 2 ; Bull. xxix., no. 9 ; xxx., nos. 1-5.

Rennes : University of Rennes, Travaux Scientifiques, iii.

## GERMANY.

Berlin : Roy. Pruss. Acad. Sci., Abhandl. 1904 ; Sitzungsber. 1905.

„ Soc. Friends of Nat. Hist., Sitzungs-Berichte, 1905.

Bonn : Nat. Hist. Union of Rhineland & Westphalia, Verhandl. Jahrg. lxi., Hälfte 1, 2 ; lxii., Hälfte 1 ; Sitzungsber. 1904, Hälfte 1, 2 ; 1905, Hälfte 1.

Frankfort-on-Main : New Zool. Soc., Der Zoologische Garten, Jahr. xlvi.

„ Senckenb. Nat. Hist. Soc., Abhandl. xxvii., Heft 4 ; Bericht 1905.

Göttingen : Roy. Soc. Sci., Nachrichten (Mathem.-physikal. Klasse), 1904, Heft 6 ; (Geschäftliche Mittheil.), 1904, Heft 2.

Hamburg : Nat. Sci. Union, Verhandl., 3 Folge, xii. (1904).

Jena : Med. & Nat. Hist. Soc., Jenaische Zeitschrift, xxxix., Hefte 2-4 ; xl., Hefte 1-3 ; Denkschr. iv., vi., Lief. 2.

Kiel : Biological Station of Helgoland. Wissenschaftliche Meeresuntersuchungen. N. F. (Abh. Helgoland), vii., Heft 1.

Munich : Roy. Bavarian Acad. Sci., Sitzungsber. 1904, Heft ; 1905, Hefte 1, 2 ; Abhandl. xxii., Abth. 2.



- Münster : Westphalian Prov. Un. Sci., Jahres-Bericht, xxxiii.  
(1904-5).  
Württemberg : Nat. Hist. Union, Jahreshefte. Jahrg. lxi.

## GREAT BRITAIN and IRELAND.

- Belfast : Nat. Hist. & Phil. Soc. ; Rep. & Proc. 1903-04.  
Cambridge ; Phil. Soc. Proc., xiii., parts 1-3 ; Trans. xx. parts 1-6.  
Dublin : Roy., Dublin Soc., Sci. Trans., ser. 2, viii., parts 6-16 ;  
ix., part 1 ; Sci. Proc. n.s. x., parts 2, 3 ; xi.,  
parts 1-5.  
" Roy. Irish Acad., Proc. (Sect. B.) xxv., nos. 1-6.  
Edinburgh : Roy. Phys. Soc., Proc. xvi., parts 1-3.  
" Roy. Soc., Proc., xxv. nos. 5-12 ; Trans. xli., part 1.  
Hertford : Hert. Nat. Hist. Soc., Trans. xii., parts 3, 4.  
London : Brit. Assoc., Report 74th Meeting, Cambridge, 1904.  
" Brit. Ornith. Club. Bull, xv.  
" Brit. Ornith. Union, Ibis., 1905, nos. 17-20. (2 copies.)  
" Entom. Soc., Trans., 1905, parts 1-3.  
" Geol. Soc., Quarterly Journ. lxi. ; Geol. Literature added  
to the Library, 1904 ; List of Members, 1905.  
" Linn. Soc. Journ. (Zool.), xxix., nos. 191, 192.  
(Botany), xxxvi., nos. 255, 256 ; xxxvii., nos. 258,  
259 ; Trans. (Zool.), ser. 2, ix., nos. 6-9 ; x., nos. 1-4 ;  
(Botany), ser. 2, vi., nos. 10, 11 ; Proc., Nov. 1904 to  
June 1905.  
" N. Sea Fisheries Investig. Committee, Rep. 1902-03.  
" Roy. Agricultural Soc., Journ. lxxv.  
" Royal Gard. Kew, Bull. App., 1906 no. 1.  
" Roy. Geogr. Soc., Geographical Journ. xxv., xxvi.  
" Roy. Inst. of Gt. Britain, Proc. xvii., part 2.  
" South Lond. Ent. & Nat. Hist. Soc., Proc. 1904-5.  
" Roy. Soc., Phil. Trans. (ser. B), vol. 197, pp. 361-406 ;  
198, pp. 1-141 ; Proc. lxxiv., nos. 503-506 ; (A),  
lxxvi. ; (B), lxxvi ; Year Book, 1905 ; Monograph  
of the Horny Sponges by R. von Lendenfeld  
Report Ceylon Pearl Ovster Fisheries and Marine  
Biology, part 2, by W. A. Herdman ; Report  
Sleeping Sickness Committee, nos. 5, 6 ; Report  
Evolution Committee, no. 2.  
" Roy. Unit. Serv. Inst., Journ. 1905.  
" Selborne Soc., Nature Notes, xvi.  
Manchester : Lit. & Phil. Soc., Mem. & Proc., xlix., parts 1-3.  
" Owens Coll., Report, 1904-05.  
Newcastle : Nat. Hist. Soc. Northumberland and Durham, Trans.  
N.S. 1, no. 2 ; Nat. Hist. Trans., xv., no. 1.  
Plymouth : Marine Biol. Assoc., Journ., N.S. vii., no. 2.  
York : Yorks. Phil. Soc., Ann. Rep. 1904.

## HOLLAND.

- Amsterdam : Roy. Acad. Sci., Verhandel. sect. 2, xi., xii., nos. 1, 2 ;  
Verslagen der Zittingen, xiii., 1904-5 ; Jaarboek,  
1904 ; Proc. (Section of Science), vii., parts 1, 2.



- Haarlem: Dutch Soc. Sci., Archives Néerlandaises, sér. 2, x ;  
Verbandl., vi., part 1.  
The Hague: Entom. Soc. Nether., Tijdschr. voor Entom., 1904,  
afl. 2-4 ; 1905, afl. 1-3.  
Leyden: Mus. Nat. Hist., Notes, xxiv., no. 4 ; xxv., nos. 1-3.

## ITALY.

- Florence: Nat. Centr. Library, Bollettino, 1905, num. 49-60.  
Genoa: Nat. Hist. Mus., Annali, ser. 3, i.  
Milan: Ital. Soc. Nat. Sci., Atti, xlv., fasc. 1-2.  
Naples: Zool. Stat., Mittheilungen, xvii., Heft 3.  
Rome: Roy. Acad. Lincei, Atti (Rendiconti), ser. 5, xiv., i., xiv., ii. ;  
Memorie, ser. 5, v.  
Turin: Mus. Zool. Comp. Anat. Roy. Univ., Bollettino, xix.  
" Roy. Acad. Sci., Atti, xl. ; Mem., ser. 2, lv.

## JAPAN.

- Tokyo: Imp. Univ., Journ. of the College of Sci., xiv. ; xx., Art. 3-7 ;  
Annotations, v., parts 3, 4 ; Proc. Dept. Nat.  
Hist., 1, nos. 1, 2.

## PORTUGAL.

- Lisbon: Roy. Acad. Sci., Journal, ser. 2, vii., no. 26.

## ROUMANIA.

- Jassy: Univ. of Jassy, Annales Scientifiques, iii., no. 3.

## RUSSIA.

- Dorpat: Nat. Hist. Soc., Sitzungsber., xiii., Heft 3 ; Skriften, xiii.,  
xiv., xv. ; Archiv. f. Naturkunde, ser. 2, xii., lief. 3.  
Helsingfors: Soc. Sci. Finland, Ofversigt, xlv., xlv., xlv.  
Moscow: Imp. Soc. Nat. Bulletin, 1904, nos. 2-4 ; Nouv. Mem.,  
xvi., nos. 3, 4.  
St. Petersburg: Entom. Soc. Russia, Horæ, xxxvii, parts 1, 2.  
" Roy. Acad. Sci., Annuaire Mus. Zool., nos. 3, 4 ;  
Mem., ser. 8. xiii., xiv., xv., xvi.

## SCANDINAVIA.

- Bergen: Bergen Mus., Naturen, 1905 ; Aarbog, 1904, part 3 ;  
1905, parts 1, 2 ; Aarsberetning, 1904 ; Account of  
the Crustacea of Norway, by G. O. Sars, v.,  
parts 7-10 ; Hydrographical and Biological Investi-  
gations in Norwegian Fiords, by C. Nordgaard  
and E. Jördensen.



- Christiania: Soc. Sci., Forhandlingar, 1904; Skrifter, 1904.  
 Copenhagen: Nat. Hist. Soc., Videnskabelige Meddelelser. 1905.  
 " Mus. Zool. Univ. of Copenhagen, 'Danish Ingolf-Expedition,' vi., part 2.  
 " Roy. Dan. Soc. Sci., Översigt, 1904, no. 6; 1905, nos. 1-5; Skriften (Mémoires), ser. 7, i., no. 4; ii., no. 4.  
 " Bureau of the Internat. Council for the Exploration of the Sea. Bull. iii. (1904-05); Public. de circonstance, nos. 21-7; Report, iii.  
 " Danish Committee for the Study of the Sea. Meddel. Ser. Fiskeri, i., nos. 2-8; Ser Plankton, i., no. 3.  
 Stockholm: Entom. Soc., Entom. Tidsk., xxv.  
 " Roy. Swed. Acad. Sci.; Handlingar, N.F. xxxix., nos. 1-5; Arkiv, ii., Hälfte 1-3.  
 Upsala: Roy. Soc. Sci., Nova Acta, Ser. 4, i., no. 1.

## SPAIN.

- Barcelona: Inst. Nat. Hist. Bull. i., ii., nos 1-8.  
 Madrid: Roy. Acad. Sci., Memorias, xxii.; Revista, ii., nos. 1-5; iii., nos. 1, 2.

## SWITZERLAND.

- Geneva: Phys. & Nat. Hist. Soc., Mémoires, xxxiv., fasc. 5; xxxv. fasc. i.  
 Lausanne: Vaud. Soc. Nat. Sci., Bulletin, sér. 4, xl., no. 151; sér. 5, xli., nos. 152, 153.  
 Neuchâtel: Soc. Nat. Sci., Bull. xxix; xxx.  
 Zurich: Nat. Hist. Soc., Vierteljahrschrift, xlix., Hefte 3, 4; 1., Hefte 1, 2.

## WEST INDIES.

- Barbados: Agric. Depart. W. Ind., West Indian Bulletin, iv., no. 4; v., nos. 3, 4; vi., nos. 1-3; Bull. (Pamphlet Ser.), no. 37.

Donations, memoirs, and papers have also been received from:—H.S.H. the Prince Albert de Monaco; Dr. N. R. Acosta; H. A. Allen, Esq.; Dr. F. Ameghino; the Editors of the "American Journal of Science"; the Editor of the "Athenæum"; Prof. C. Aurivillius; the Avicultural Society; the Bergen Museum; the Zoological Gardens, Cairo; Dr. W. T. Calman; Mons. A. Cligny;



Prof. R. Collett; Dr. W. G. Creswell; C. R. Crosby, Esq.; G. P. Farran, Esq.; Dr. Victor Fatio; the Editor "Field Naturalists' Quarterly"; Capt. Stanley S. Flower; the Foreign Bird Club; Dr. E. A. Goeldi; Mons. G. Grandidier; R. J. L. Guppy, Esq.; Dr. J. L. Hancock; E. O. Hovey, Esq.; the Editor "Indian Forester"; Department of Agriculture for Ireland (Fishery Branch); the Royal Zoological Society of Ireland; Mons. C. Janet; the Rev. F. C. R. Jourdain; Capt. C. Kerremans; Dr. A. Lameere; Dr. P. Leverkühn; the London University College; Dr. E. Lönnberg; Dr. L. von Lorenz; A. Meek, Esq.; Dr. C. H. Merriam; Dr. P. Chalmers Mitchell; Dr. K. Möbius; the Editor of "Nature"; the Agent-General for New South Wales; Prof. Newton; Zoological Society of Philadelphia; E. C. Reed, Esq.; Dr. F. Sacco; Dr. P. L. Selater; the Fishery Board of Scotland; the Marine Biological Association, West of Scotland; H. Scherren, Esq.; Dr. S. Sergi; C. Davies Sherborn, Esq.; Dr. R. W. Shufeldt; the South Australian and Acclimatisation Society; Prof. J. H. Théél; T. W. Vaughan, Esq.; the Zoological and Acclimatisation Society of Victoria; J. F. Walker, Esq.; F. H. Waterhouse, Esq.; C. B. Wilson, Esq.

## THE GARDENS, REGENT'S PARK.

### NEW WORKS AND REPAIRS.

The Council have continued to pursue an active policy in improving the Gardens from the points of view of spectacular effect, convenience of visitors and comfort and display of the animals. There still remains much to be done, and amongst the many desired improvements the selection of those taken first has had to be determined partly by the consideration of cost, and partly with regard to the temporary housing of the animals concerned.

### NORTH GARDEN.

OLD NORTHERN AVIARY.—The Owls have been removed from this building, which was unsuitable for them. Some



of the partitions have been taken down to enlarge the compartments. The whole interior has been cleaned and painted, and provided with new floors, wire-work fronts, and sleeping boxes suitable for small Mammals such as Civets.

**GARDENER'S LODGE.**—This building, which was in bad repair, has been thoroughly restored and additional accommodation provided.

**INSECT HOUSE.**—Extensive repairs have been done to the back walls and heating chamber. Additional ventilation has been provided, and sun blinds fitted. A temporary electric installation was provided, to enable some of the smaller tropical birds to have light to feed by in the short days of winter.

**OWLS' AVIARY.**—A new range of buildings with covered sheds and out door cages has been built to the west of the Insect House. The Owls display themselves freely in their new quarters, the design of which appears to be most satisfactory.

Paths have been widened, and the waste ground beyond the public part of the Gardens has been partly levelled for future use.

#### MIDDLE GARDEN.

**PARROT HOUSE.**—This has been so completely restored as to form almost a new building. A new roof with better ventilation and lighting has been made; a range of out-door aviaries has been fitted along the south side; the interior has been re-decorated, and the cages cleaned and re-galvanised.

**CANAL BANK AVIARY.**—A number of shelters have been fitted for the protection of the birds. All birds except Parrots and their allies have been removed. The larger Parrots and Cockatoos have thriven well in this Aviary, and their flight has proved a great attraction to visitors.

**SQUIRRELS' HOUSE.**—The very old Small Cats' House has been thoroughly cleaned and re-decorated and is now used for Squirrels and other small Mammals.



**GIRAFFE HOUSE.**—This has been painted and repaired, and the court-yard raised so as to display the animals to better advantage.

**ZEBRA HOUSE.**—The eastern portion of this has been thoroughly repaired and re-roofed. Wooden screens to prevent draught have been fitted in the western portion.

**GAZELLES' SHEDS.**—These have been re-gravelled. It is hoped that before long it will be possible to provide better accommodation for the smaller Antelopes.

#### SOUTH GARDEN.

**MAIN GATE.**—A cement and concrete pavement has been made at the entrance, and a covered shed for cycles and bath-chairs provided. Visitors may hire bath-chairs in advance by giving notice to the gate-keeper at the Main Gate.

**PHEASANTS' PADDOCKS.**—The enclosures between the Monkey House and Anthropoid Apes' House have been covered with netting, and made suitable for Pheasants.

**STORK AND OSTRICH HOUSE.**—This has been thoroughly cleaned and repainted; the walls have been repaired, and the partitions partly boarded to prevent draught.

**SOUTHERN AVIARY.**—A very large Outdoor Aviary, covered with wirework, has been erected on the site of the old Gulls' Ponds and adjacent ground. It includes a number of trees and several ponds. The ground has been laid out with artificial rockwork. Gulls, Herons and other aquatic birds have been placed in it, and the Council regard it as one of the most important additions to the Gardens.

**NEW SEA-LIONS' POND.**—A very large pond, enclosed with iron railings, and arranged with rocky islands and a bold mass of rockwork covering the sleeping dens and service room, and providing a diving platform, has been finished. Sea-lions and Penguins have been placed in it. The new pond has been most attractive to visitors, and suitable for its inhabitants. The plans were made after consideration



of similar ponds in continental gardens, and it is believed that this Society now possesses the finest accommodation for Sea-lions in Europe.

**PLATFORM FOR SPECTATORS.**—Some of the material obtained from excavating the Sea-lion Pond has been utilised in the formation of a raised terrace for the convenience of spectators.

**ANTELOPE HOUSE AND PADDOCK.**—The drainage of the house has been made good and new ventilation provided. The clearing of a large space in front of the Antelope House to form a Paddock for the Antelopes was begun in 1905, and will be finished early this year.

**LION HOUSE.**—This house has been repaired and painted, the inner dens being tinted so as best to display the coloration of the Lions and Tigers.

**WADERS' AVIARY.**—A large wire-covered outdoor Aviary has been erected between the Lion House and the Great Lawn. It contains a pond with a shallow sandy edge, a deep water portion for water lilies, and a mud bed for bulrushes. A collection of wading birds and of small English birds has been placed in it.

**SQUIRRELS' ENCLOSURE.**—A small area of ground containing three trees, near the Diving Birds' House, has been surrounded by an unclimbable fence, and arranged for Squirrels or similar arboreal small mammals.

**EAGLES' AVIARIES.**—These have been painted, partly re-wired, and shelter given to the birds by covers of Willesden canvas.

**CIVETS' HOUSE.**—The old Civets' House, near the Tunnel Pond, has been adapted for Kestrels and small birds of prey.

Smaller repairs and restorations have been made to many houses and enclosures. Continual attention has been given to the walks, and additional seating accommodation has been provided for visitors.

**GARDENING DEPARTMENT.**—Under the able superintendence of Mr. Young, the Society's Head Gardener, the floral decoration of the Gardens has proved most attractive.



Many new shrubs and flowers have been planted, much rank undergrowth has been cleared, and constant attention given to the turf and plants in the enclosures.

POLICE.—There has been less loss to visitors from the visits of pickpockets than in 1904. Arrangements were made for the admission of police in private dress to the Gardens in considerable numbers at all times, and detectives were regularly employed.

### *New Works in Progress.*

DONATION OF A NEW BIRD HOUSE.—Early last year, Mr. C. Czarnikow, who has been a Fellow of the Society since 1868, wrote to the Council stating his appreciation of the efforts that were being made to improve the Gardens, and offering to contribute £1,000 towards the cost of erecting a Bird House specially suitable for smaller birds. The Council accepted the generous offer with the greatest pleasure. A site was chosen near the Monkey House, after consultation with the donor. It was decided that the building should be composed of an iron framework and uralite slabs, so as to be light, sanitary and fireproof, and plans were prepared accordingly. Great delay, however, is being caused by the difficulty of obtaining sanction for such a building under the London Building Act, the provisions of which present an almost insuperable barrier to the erection with efficiency and economy of structures suitable for the housing of animals.

CATTLE SHEDS.—A complete new range is being built. New large paddocks will be provided.

MONKEY HOUSE.—This is being disinfected, repainted, fitted with new cages, and provided with a combined heating and ventilating system.

OTTER POND.—A large enclosure with rock work and ponds is being formed on the site of the old Otters' Cage and adjacent ground.

ANTELOPE Paddock.—This will be finished early in the season.



NORTH BANK OF THE CANAL.—Extensive alterations are being made for the immediate purpose of exhibiting a collection of animals from India, presented by the Prince of Wales, and for the ultimate improvement of the Gardens.

NEW MAIN DRAIN.—This is already finished.

The Council arranged the general programme of new work for this year in the autumn of 1905. It has been pressed on in the early part of this year, so that the rough work may be finished, and the paths rolled and gravelled, before Easter.

#### 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.
23 Helpers.	1 Office Clerk.
1 Stableman.	1 Office Boy.
1 Storekeeper.	1 Time-keeper.
2 Butchers.	1 Housekeeper.

#### *Works.*

1 Clerk of the Works.	1 Networker.
3 Carpenters.	12 Painters (average).
2 Bricklayers.	1 Writer.
1 Smith.	11 Labourers.
3 Wireworkers.	3 Boys.
1 Engine-driver.	

#### *Gardens.*

1 Head Gardener.	10 Garden Labourers.
3 Propagators.	1 Boy.

#### *Prosectorium.*

1 Assistant.	1 Boy.
--------------	--------



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

### VISITORS.

The weather in 1905 was on the whole favourable, especially during the months of June, July, and September, when there was an increase in the number of admissions. The decrease in the number of Visitors admitted on Sundays by Fellows' Orders, and the increase in the number of green and buff tickets used, show the tendency among Fellows to exercise the option of exchanging the books of dated orders for the undated green and buff tickets.

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

	1904.	1905.
Fellows and Companions ... ..	25,698	28,307
Do. Saturday orders ... ..	13,560	14,189
Do. Sunday orders ... ..	47,929	46,344
Do. Green tickets ... ..	81,530	84,530
Do. Buff tickets ... ..	12,560	13,151
Do. Ivory tickets ... ..	993	858
Honorary Admission tickets ... ..	1,201	1,469
Red tickets (Complimentary) ... ..	1,235	1,206
Artists' tickets ... ..	279	350
Excursion tickets (reduced price) ... ..	4,999	3,443
Single tickets sold in office at ordinary price ... ..	442	608
Paying visitors at 1s. each... ..	183,178	185,964
Do. do. Mondays and other days at 6d. each	258,911	267,632
Do. do. Children at 6d. each	51,783	51,976
Staff... ..	89	67
Children from rate-aided Schools ... ..	21,687	15,386
	<hr/>	<hr/>
	706,074	715,480
	<hr/> <hr/>	<hr/> <hr/>



Of the total number of visitors no less than 114,870 were admitted on Sundays.

There has been a marked increase in each class of Visitors paying at the Turnstiles, amounting in all to 11,700.

The experiment of making a small charge (10s. for 100 Children and four Teachers) for the admission to the Gardens of County Council and other grant-aided Schools, in place of the free orders formerly granted and limited to 200 to each School, was tried during the year 1905 and had been found advantageous to the Society, and much appreciated by the Schools on account of the extension of time from 12 o'clock to 1 p.m., as well as the number admitted being unlimited.

The decrease under this head of about 6,000, as compared with the previous year, was partly due to the change in the rules as well as to the wet weather prevailing during the months of April and May.

The numbers of visitors on Bank Holidays are 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. On Whit-Monday and the August Bank Holiday, while really wet weather is disastrous, fine settled weather leads the populace to go further from town :—

#### NUMBER OF VISITORS ON BANK HOLIDAYS.

	1905.	1904.
Easter Monday...	38,071 (Fine)	34,350 (Unsettled)
Whit-Monday ...	31,608 (Fine)	33,391 (A fine day in unsettled weather)
First Monday in August	21,606 (Showery)	20,042 (Very fine and settled weather)

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, 1828-1905.*

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

\* Year of the Great Exhibition.  
† Year of the International Exhibition.

‡ Year of the exhibition of the Prince of Wales's Indian Menagerie.  
\*\* Year "Jumbo" left the Gardens.



## FELLOWS' TICKETS.

Upon the recommendation of the Garden Committee, the Council, at a Meeting held on January 17th, 1906, passed the following resolution:—

“That, in the case of newly elected Fellows, the annual supply of tickets should be sent in the form of 60 Green tickets, they being informed at the time that 20 of these could be exchanged for a Saturday book and 20 for a Sunday book, and that in the case of existing Fellows, who had given no specific instructions with regard to their supply, the same course should be adopted.”

With a copy of this Report is sent a “Ticket Requisition” form, for the purpose of ascertaining the kind of tickets preferred by each Fellow of the Society. In cases where no particular kind is applied for, 60 Green undated cards will be sent annually in accordance with the above resolution of Council. The Secretary will be glad to have this “Ticket Requisition” form filled up and returned to him at early convenience.

## 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, through unforeseen circumstances, be found 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 (33*s.*) 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.

Any number, from 50 upwards, of the children of County Council or Grant-aided Schools may now be admitted to the Society's Gardens at the rate of ten shillings (10s.) per 100 Children and four Teachers, on Tuesdays, Wednesdays, Thursdays and Fridays (except during Easter and Whitsun weeks), between the hours of 9 a.m. and 1 p.m., under certain regulations, particulars of which are supplied on application.

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.

On Sundays, admission to the Gardens can only be obtained by an Order from a Fellow.

#### PROSECTOR'S DEPARTMENT.

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

The work in the department has been carried out as in 1904, except that the duty of making and entering the Post-mortems has been dissociated from the Prosector and transferred to the Pathologist, who reports independently. The work carried out in the Prosectorium on the anatomical side may be considered under the following heads, viz., (1.) Anatomical research carried out in the Laboratory; (2.) Material supplied to anatomists elsewhere, and 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 studied the anatomy of a large number of animals that have died in the gardens, and has communicated the new facts observed in a series of papers which have been printed in the Society's 'Proceedings.'



(2.) *Material supplied for purpose of Research and to Museums.*

As in former years the Prosector has assisted many workers in Zoology with material. To Dr. Kidd have been sent the hands and feet of a number of mammals, upon the examination of which has been based communications made by that gentleman to the Society. Several mammalian brains have been forwarded to Professor Waymouth Reid, F.R.S., to Dr. Mott, F.R.S., and to Dr. Page May. Mr. Nettleship has received a series of eyes preserved for microscopical work.

Preserved material has been sent to Dr. Noel Paton in aid of his work upon the thymus 'gland.' Specimens of the internal ear have been supplied to Dr. Gray. The latter gentleman has exhibited some of these at a meeting of the Royal Society. Material furnished to workers lately has resulted in the publication of several memoirs based upon the examination of that material. Dr. Assheton's papers upon the placenta in several animals, and Dr. Chalmers Mitchell's memoir on the mammalian intestinal tract may be specially mentioned. A large number of anatomical specimens has been sent to the Museum of the Royal College of Surgeons, which are, or shortly will be, incorporated in the anatomical collection of that Institution.

(3.) *Preservation of Material for Future Use.*

It is not always possible or convenient to make immediate use of animals which have died in the Menagerie for dissection and study. Accordingly the Prosector is gradually amassing a quantity of material for later use by himself or by others. Additions to this collection have been made during the past as during former years.

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

The Prosector has replied verbally or by letter to a number of enquiries upon zoological matters. He has also, at the request of several persons and authorities of museums, identified specimens sent to him for that purpose.

The Society's Pathologist, Dr. C. G. Seligmann, F.Z.S., has reported on the cause of death of 296 mammals and 218 birds in the year 1905, all of which were submitted to post-mortem investigation. A detailed account of his



observations on the incidence of the various causes of deaths amongst different groups of animals will be published in the 'Scientific Proceedings of the Society.' Acting on his advice, the Garden Committee has taken active measures with regard to the sanitary conditions of several of the houses. Two points of general interest may be mentioned here: There have been practically no deaths due to tuberculosis amongst those monkeys that have been left out of doors, whereas there has been a marked mortality due to that cause amongst the monkeys in the heated monkey house. Dr. Seligmann has discovered that the cause of death of a number of birds is mycosis, a chronic disease due to invasion of the tissues by a mould, *Aspergillus fumigatus*.

### MENAGERIE.

#### Provisions.

The commissariat at the Gardens is of considerable interest. The following table gives the chief items of expenditure for 1904 and 1905:—

	1904.			1905.		
	£	s.	d.	£	s.	d.
Horses ... ..	249	6	6	239	9	0
Goats ... ..	160	2	5	145	15	4
Live Fish ... ..	130	19	10	130	18	3
Reptile and Insect Food ...	79	0	6	97	14	8
Fruit ... ..	159	6	9	212	13	6
Vegetables and Roots ...	116	13	7	121	13	8
Fish ... ..	349	0	8	344	16	11
Eggs ... ..	82	14	6	86	5	0
Milk ... ..	96	8	5	105	18	2
Bread ... ..	86	15	6	74	15	0
Biscuit ... ..	162	15	3	163	8	0
Corn and Seeds ... ..	228	8	6	275	19	3
Oats ... ..	184	10	6	189	0	9
Bran ... ..	73	3	3	78	10	0
Maize ... ..	57	14	6	65	8	5
Meadow Hay ... ..	507	8	0	431	16	0
Clover Hay ... ..	523	2	2	551	14	3
Nuts ... ..	28	4	6	36	15	9
Miscellaneous ... ..	147	9	1	166	7	10
	<u>£3423</u>	<u>4</u>	<u>5</u>	<u>£3518</u>	<u>19</u>	<u>9</u>



The quantity and nature of the food consumed in the Society's Menagerie during 1905 are shown by the subjoined Table :—

Lucerne... ..	131½ lds.	Horses	225
Clover ... ..	125 „	weighing	123 tons.
Sanfoin ... ..	8 „	Goats	263
Hay ... ..	117 „	weighing	1,315 stone.
Straw ... ..	154 „	Whittings	27,960 lbs.
Oats ... ..	167 qrs.	Shrimps ...	2,353 pints.
Barley ... ..	22 „	Fowl-heads	26,664
Wheat ... ..	56 „	Sugar ...	518 lbs.
Peas ... ..	2¾ „	Raisins ...	223 „
Beans ... ..	4 „	Currants ...	102 „
Maize ... ..	46 „	Figs ...	159 „
Bran ... ..	132 „	Liebig ...	50 2-oz. jar
Canary Seed ...	13 „	Greens ...	493½ bush.
Hemp Seed ...	9 „	Carrots ...	99 cwt.
Rape ... ..	6 bus.	Do. ...	579 bunches.
Millet ... ..	4 qrs.	Potatoes ...	89½ cwt.
Buckwheat ...	6 „	Cress ...	13,104 bunches.
Rice ... ..	25 cwt.	Bananas ...	32,136.
Mawseed ...	28 lbs.	Apples 711½ pks. & 25½ cases.	
Oil-cake ...	47 cwt.	Grapes ...	2,025½ lbs.
Bread ... ..	5,694 qtns.	Dates ...	1,454 „
Milk (Fresh) ...	13,587 pts.	Oranges ...	6,816.
Milk (Preserved)	539 tins.	Monkey Nuts	33½ cwt.
Biscuit ... ..	302 cwt.	Spanish Nuts	18 pecks.
Eggs ... ..	28,710.	Brazil Nuts	105 lbs.
Flounders ...	3,719 lbs.	Lettuce ...	10,293.
Plaice ... ..	12,138 „	Lemons ...	945.
Fresh Herrings...	1,902 „	Onions ...	71 bunches.

#### GENERAL CONDITION OF THE ANIMALS.

The Council and Garden Committee continue to give close attention to the conditions that determine the health and comfort of the animals in the collection. The gradual improvement of the houses, the provision of better outdoor accommodation, and closer attention to ventilation, disinfection and general sanitation are certainly leading to a general improvement in the appearance of the collection. With regard to many of the animals, and particularly in the case of birds, a choice has to be made between two general lines of policy. The collection may be arranged so that pairs or single individuals are placed in compara-



tively small separate enclosures or cages, or larger assemblages may be grouped in much larger enclosures. Each method has its advantages and difficulties. When the first method is followed, it is more easy to identify and compare species and varieties, closer attention can be paid to individual peculiarities in feeding, and the danger of death or damage caused by quarrels between individuals is reduced to a minimum, and the chances of breeding and of successful rearing of the broods is possibly greater. In the second method, the larger space affords better opportunity for decorative display which in itself may be more pleasing to the eye, and which affords a more natural environment for the inmates; the creatures are more able to exercise their natural habits and dispositions, and the observation of their bodily activities and their rivalries and friendships is a source of endless interest. The first method is more attractive to those who like animals as examples of species to be compared and studied, or as pets to be tamed and taught tricks. The second method is preferred by those who wish to see living creatures under conditions that resemble as closely as possible their natural environment. Where it is possible to choose, the Council incline towards the second method.

#### BREEDING.

The object of the Zoological Gardens is to exhibit animals rather than to breed them; if our efforts were directed chiefly towards the latter purpose, it would be necessary to seclude from the public view a considerable number of animals. None the less it is gratifying that a number of Mammalia, very many Birds and a few Reptiles were reared successfully in 1905.

#### *List of Mammals, bred in the Gardens in 1905.*

- 1 Hybrid Lemur (*Lemur xanthomystax* × *L. rufifrons*).
- 7 Timber Wolves (*Canis occidentalis*).
- 4 Dingos (*Canis dingo*).
- 3 Hybrid Dingos (*Canis dingo* × *C. lupus*).
- 5 Black Rats (*Mus rattus*).
- 2 Crested Porcupines (*Hystrix cristata*).
- 1 English Wild Bull (*Bos taurus*).



- 1 Korean Cow (*Bos taurus*).
- 1 Yak (*Poephagus grunniens*).
- 1 Eland (*Taurotragus oryx*).
- 1 Nylghaie (*Boselaphus tragocamelus*).
- 1 White-tailed Gnu (*Connochætes gnu*).
- 1 Four-horned Antelope (*Tetraceros quadricornis*).
- 3 Mouflon (*Ovis musimon*).
- 3 Barbary Wild Sheep (*Ovis tragelaphus*).
- 1 Burrhel Wild Sheep (*Ovis burrhel*).
- 1 Punjab Wild Sheep (*Ovis vignei*).
- 1 Thar (*Hemitragus jemlaicus*).
- 2 Red Deer (*Cervus elaphus*).
- 3 Japanese Deer (*Cervus sika*).
- 1 Hybrid Japanese Deer (*Cervus sika* × *C. taëvanus*).
- 1 Bactrian Camel (*Camelus bactrianus*).
- 1 Vulpine Phalanger (*Trichosurus vulpecula*).
- 1 Rufescent Rat Kangaroo (*Æpyprymnus rufescens*).

In addition to these a Sacred Baboon, 4 Lions, and 4 North African Jackals were born dead.

Not quite so many mammalia were bred in 1905 as in the previous year, whilst the value of those reared fell considerably, it being £377. 7s. 6d., as compared with £546. 5s. 0d. in 1904; no animal of large value, such as the zebra bred in 1904, having been reared.

*List of Birds hatched in 1905.*

- 3 Tickell's Ouzels (*Merula unicolor*).
- 1 Rufous-necked Weaver (*Hyphantornis textor*).
- 4 Bullfinches (*Pyrrhula europæa*).
- 5 Green Cardinals (*Gubernatrix cristatella*).
- 3 Common Mynahs (*Acridotheres tristis*).
- 2 Hybrid Mynahs (*Poliopsar andamanensis* × *P. malabaricus*).
- 2 Laughing Kingfishers (*Dacelo gigantea*).
- 5 Budgerigars (*Melopsittacus undulatus*).
- 3 Grey-breasted Parrakeets (*Myopsittacus monachus*).
- 1 Burrowing Owl (*Speotyto cunicularia*).
- 6 Barn Owls (*Strix flammea*).
- 4 Cape Eagle Owls (*Bubo capensis*).
- 2 Turtle Doves (*Turtur communis*).
- 1 Dwarf Turtle-Dove (*Turtur humilis*).
- 3 Tigrine Turtle-Doves (*Turtur tigrinus*).



- 1 Crested Pigeon (*Ocyphaps lophotes*).
- 1 Nicobar Pigeon (*Calœnas nicobarica*).
- 1 Nicobar Imperial Fruit Pigeon (*Carpophaga insularis*).
- 5 Wonga Wonga Pigeons (*Leucosarcia picata*).
- 7 Californian Quail (*Callipepla californica*).
- 5 Greek Partridges (*Caccabis saxatilis*).
- 5 Gold Pheasants (*Thaumalea picta*).
- 26 Amherst's Pheasants (*Thaumalea amherstia*).
- 25 Silver Pheasants (*Euplocamus nycthemerus*).
- 5 Swinhoe's Pheasants (*Euplocamus swinhoii*).
- 20 Common Pheasants (*Phasianus colchicus*).
- 3 Black-winged Pea-fowl (*Pavo nigripennis*).
- 4 Sonnerat's Jungle-fowl (*Gallus sonnerati*).
- 24 Hybrid Mongolian Pheasants (*Phasianus mongolicus*  
× *P. colchicus*).
- 4 Reeves' Pheasants (*Phasianus reevesi*).
- 4 Andaman Teal (*Nettion albigulare*).
- 14 Wild Ducks (*Anas boschas*).
- 1 Spot-billed Duck (*Anas pæcilorhyncha*).
- 24 Muscovy Ducks (*Cairina moschata*).
- 2 Summer Ducks (*Æx sponsa*).
- 5 Ruddy Sheldrakes (*Tadorna casarca*).
- 10 Chinese Geese (*Anser cygnoides*).
- 1 Egyptian Goose (*Chenalopex ægyptiacus*).
- 2 Black Swans (*Cygnus atratus*).
- 4 Crested Screamers (*Chauna cristata*).
- 9 Common Rheas (*Rhea americana*).
- 6 Jameson's Gulls (*Larus novæ-hollandiæ*).
- 5 Black-headed Gulls (*Larus ridibundus*).

Although the number of birds hatched was greatly in advance of that in 1904, both in individuals and species, the total value of those which reached maturity or that were sold in an adolescent stage, viz., £193. 15s., is only about £20 more than in 1904, owing to the high value of the Brush Turkeys reared in the latter year. In 1905, sixteen eggs were discovered in the mound in various stages of incubation, but these were destroyed by heavy rains saturating the mound.

Over 100 pheasants of various species have been reared, a number not attained for many years past. The most noteworthy success in breeding was the Andaman Teal, the young of which do not appear to have been described, and the Imperial Fruit Pigeon, there being no



record of a Fruit Pigeon of any species having been bred before in captivity, with the exception of the one hatched last year, which, however, died when ten days old.

The following birds laid eggs which failed to hatch.

Blue Whistling Thrush.	Yarrell's and Sclater's
Ruddy-headed Ground Thrush.	Curassows.
Red-vented Bulbul.	Blue-necked, Westermann's,
Jungle Babbler.	and One-wattled Cassowaries.
White Ibis.	Common Rhea.
Rain Quail.	Black Vulture.
Brush Turkey.	Griffon Vulture.
Common Pea-fowl.	Maned and Ruddy-headed
Talisch Pheasant.	Geese.
Cabot's Tragopan.	Mandarin Ducks and
Globose Curassow.	Variegated Sheldrakes.
	Razor-Bill.

#### *Reptiles Born.*

- 5 Southern Anacondas (*Eunectes notæus*).  
21 Nose-horned Vipers (*Bitis nasicornis*).

#### *Additions to the Menagerie in 1905.*

The number of Vertebrate Animals living in the Society's Menagerie at the close of 1904 was 2,552. The corresponding number on the 31st of December, 1905, was 2,913, as will be seen by the following Table:—

	December 31.	
	1905.	1904.
Mammals .....	689	640
Birds .....	1,554	1,448
Reptiles and Amphibia.....	560	343
Fish.....	110	121

The total number of registered additions to the Menagerie in 1905 was 2,731, of which 860 were acquired by presentation, 286 by purchase, 286 were bred in the Gardens, 1,097 were received on deposit, and 202 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.
1896	726	245	90	263	135	1459
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

The following is a list of the more noticeable additions made to the Menagerie during the year 1905.

A Red Teetee (*Callithrix cuprea*) from Brazil, deposited on Jan. 18th. This species is new to the Collection.

Representatives of two unknown species of *Lemur* from Madagascar, deposited on Jan. 25th.

A pair of Mouflon (*Ovis musimon*) from Corsica, deposited on Jan. 21st.

A Prongbuck (*Antilocapra americana*) from North America, deposited on Jan. 14th.

An Ethiopian Wart-Hog (*Phacochoerus aethiopicus*) from Africa, deposited on Jan. 13th.

Two Black-and-White Geese (*Anseranas semipalmata*) from Australia, received in exchange on Jan. 23rd.

A female Kiang (*Equus hemionus kiang*) from Eastern Tibet, deposited by H.M. The King on Feb. 23rd.

A male Lynx (*Felis lynx*) from the Caucasus, received in exchange on Feb. 24th.

A male Leopard of the Persian race (*Felis pardus tulliana*), received in exchange on Feb. 24th.

A semi-albino variety of the Common Fox (*Canis vulpes*) from Essex, deposited on Feb. 7th.

A male Eland (*Taurotragus oryx*), born in the Menagerie on March 24th.

A male Bactrian Camel (*Camelus bactrianus*), born in the Menagerie on March 23rd.

A Brush-tailed Pouched Mouse (*Phascologale penicillata*) from Australia, new to the collection, deposited on March 20th.



A Greater Bird of Paradise (*Paradisea apoda*) from Aru Island, and two Lesser Birds of Paradise (*P. minor*) from New Guinea, deposited on March 2nd. The Greater Bird of Paradise and one of the two Lesser Birds were subsequently purchased by the Society.

A Black Lory (*Chalcopsittacus ater*) from New Guinea, purchased on March 2nd.

A young female Chimpanzee (*Anthropopithecus troglodytes*), deposited on April 8th.

A young female Giraffe from Northern Nigeria, probably belonging to the race known as *Giraffa camelopardalis peralta*, purchased on April 7th.

A young male Huanaco (*Lama huanacos*) from Punta Arenas, Tierra del Fuego, presented by Mr. Moritz Braun and Capt. Crawshay on April 10th.

A pair of Concave-casqued Hornbills (*Dichoceros bicornis*) from India, purchased on April 4th.

A Crowned Duiker (*Cephalophus coronatus*) from West Africa, deposited on May 1st.

A Maxwell's Duiker (*Cephalophus maxwelli*) from West Africa, presented by Lt.-Col. Bartlett, R.A.M.C., on May 16th.

A Nepalese Hornbill (*Aceros nepalensis*) from the Himalayas, received in exchange on May 18th.

Two Sulphur-breasted Toucans (*Rhamphastos carinatus*), purchased on May 13th and 23rd respectively.

Two Orang-outans (*Simia satyrus*) one from Deli, Sumatra, presented by Dr. J. C. Graham on June 25th; the other, a large male, from Sumatra, presented by Mr. H. N. Ridley on Sept. 7th.

A Wolf's Monkey (*Cercopithecus wolffi*) from the Congo, deposited on June 26th.

Eleven Kiwis (*Apteryx mantelli*) from the North Island, New Zealand, seven being presented by the Government of New Zealand and Mr. H. C. Wilkie, F.Z.S., and four by the Earl of Ranfurly, H.M.Z.S., on June 26th. The Society is specially indebted to Mr. H. C. Wilkie, in whose care these Kiwis were successfully brought from New Zealand.

A female Leopard (*Felis pardus*) from near Hong Kong, presented by Mr. J. A. Bullin, on July 26th.

Three Californian Sea-Lions (*Otaria gillespii*) from Santa Barbara, purchased on July 11th.

A White-tailed Gnu (*Connochaetes gnu*) born in the Menagerie on July 25th.

A male Somali Ostrich (*Struthio molybdophanes*) from Somaliland, purchased on July 14th.



A Collection of Birds from British Guiana, including examples of five species new to the Collection, presented by Mr. E. W. Harper, F.Z.S., on July 31st.

A Silky Marmoset (*Hapale chrysoleucos*) from Brazil, deposited on Aug. 30th.

A pair of West-African Marsh-Bucks (*Limnotragus gratus*) from the Congo, purchased on Aug. 31st.

A Spot-billed Toucanet (*Selenidera maculirostris*) from Santos, purchased on Aug. 19th.

A Black-and-White Cobra (*Naia melanoleuca*) from West Africa, deposited on Aug. 31st.

Five Talapoin Guenons (*Cercopithecus talapoin*) from Ubanghi, Upper Congo, deposited on Sept. 19th and 21st.

A Jaguarondi (*Felis jaguarondi*) from South America, purchased on Sept. 11th.

A White Oryx (*Oryx leucoryx*) from Arabia, presented by Col. R. J. Scallon, C.B., D.S.O., on Oct. 30th.

A Cane-Rat (*Thryonomys swinderianus*), a Bouvier's Owl (*Scotopelia bouvieri*) (new to the Collection), and a Wood-Hawk (*Dryotriorchis spectabilis*) from Lagos, presented by Dr. W. F. Macfarlane, F.Z.S., on Oct. 13th.

Three Antillean Boas (*Boa diviniiloqua*) from St. Lucia, West Indies, presented by the Hon. E. G. Bennett, K.C., on Oct. 28th.

An Abyssinian Guereza (*Colobus abyssinicus matschiei*) and a White-tailed Mongoose (*Herpestes albicauda*) from the Upper Nile, presented by Mr. J. J. Harrison on Nov. 3rd.

A Water - Chevrotain (*Dorcatherium aquaticum*) from Liberia, presented by Sir Harry Johnston, G.C.M.G., K.C.B., on Nov. 25th.

A Capybara (*Hydrochærus capybara*), a Violet-eared Humming-bird (*Petasophora iolata*), two Purple Sugar-birds (*Cæreba cærulea*), two Spotted Emerald Tanagers (*Calliste guttata*), and a Red-billed Toucan (*Rhamphastos erythrorhynchus*), from Carácas, presented by Capt. Albert Pam, F.Z.S., on Nov. 25th.

An Agile Gibbon (*Hylobates agilis*) from Sumatra, deposited on Dec. 16th.

A Preuss's Guenon (*Cercopithecus preussi*) from the Cameroons, deposited on Dec. 29th. New to the Collection.

A Grys-bok (*Rhaphicerus melanotis*) from South Africa, deposited on Dec. 18th.

A Snowy Owl (*Nyctea scandiaca*) from Arctic Europe, purchased on Dec. 16th.

A Madagascar Tree-Boa (*Corallus madagascariensis*), deposited on Dec. 19th.



*List of the Species new to the Collection exhibited  
during the year 1905.*

The following list gives the names of the specimens exhibited in 1905 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 12 Mammals, 15 Birds, 5 Reptiles, 1 Amphibian, and 1 Arachnid.

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

I.—MAMMALS.

44 c. *Cercopithecus buettikoferi* Jentink. Büttikofer's  
Guenon.

*Hab.* W. Africa.

a-c. Deposited, March 17, 1905.

37 b. *Cercopithecus preussi* (Matschie). Preuss's Guenon

*Hab.* Cameroons.

a. Deposited, Dec. 29, 1905.

45. *Cercopithecus weneri* (Is. Geoffr.). Werner's  
Guenon.

*Hab.* Congo.

a. Female. Deposited, Jan. 3, 1905.

114 a. *Callithrix cuprea* (Spix). Coppery Teetee.

*Hab.* Brazil.

a. Deposited, Jan. 18, 1905. See P.Z.S. 1905,  
i., p. 118.

150 b. *Lemur sp. inc.* Lemur.

*Hab.* Madagascar.

a, b. Deposited, Jan 25, 1905.



- 338 a. *Phoca hispida* (Schreb). Ringed Seal.  
*Hab.* Europe.  
 a. Purchased, July 10, 1905.
- 375 a. *Sciurus finlaysoni* (Horsf.). Finlayson's Squirrel.  
*Hab.* Siam.  
 a. Deposited, Sept. 7, 1905.
- 366 a. *Sciurus styani* (Thomas). Styan's Squirrel.  
*Hab.* China.  
 a. Deposited, March 17, 1905.
- 463 a. *Allactaga williamsi* (Thomas). William's Jerboa.  
*Hab.* Asia Minor.  
 a. Presented by R. B. Woosnam, Esq., Aug. 15, 1905.
- 506 a. *Lepus sp. inc.* West African Hare.  
*Hab.* Sierra Leone.  
 a. Presented by Capt. Sir Geo. Denton, K.C.M.G.,  
 April 19, 1905.
- 720 a. *Macropus argentatus* (Rothsch.). Silvery Kangaroo.  
*Hab.* Murchison River.  
 a, b. Deposited Aug. 17, 1905.
- 759 a. *Phascologale penicillata* (Shaw). Brush-tailed  
 Marsupial Rat.  
*Hab.* Australia.  
 a. Deposited, March 20, 1905. See P.Z.S. 1905,  
 i., p. 231.



## II.—BIRDS.

- 16 a. *Merula albicincta* (Royle). White-collared Ouzel.  
*Hab.* India.  
 a, b. Received in exchange, Sept. 17, 1905
- 16 b. *Merula phæopygus* (Bangs). Grey-breasted Thrush.  
*Hab.* British Guiana.  
 a. Presented by E. W. Harper, Esq., F.Z.S., July 31, 1905.
- [ 59 a. *Ægithalus pendulinus* (Linn.). Hanging Tit.  
*Hab.* China.  
 a. Deposited, July 28, 1905.
- 127 a. *Cœreba cœrulea* (Linn.). Purple Sugar-bird.  
*Hab.* S. America.  
 a. Deposited, Jan. 20, 1905.
- 129 a. *Certhiola chloropyga* (Cab.) Yellow-breasted Sugar  
 bird.  
*Hab.* British Guiana.  
 a. Presented by E. W. Harper, Esq., F.Z.S., July 31, 1905.
- 145 a. *Calliste guttata* (Cab.) Spotted Emerald Tanager. 40  
*Hab.* Carácas.  
 a. Presented by Capt. A. Pam, F.Z.S., Nov. 25, 1905.  
 See P.Z.S. 1905, ii., p. 490.
- 151 a. *Tanagra episcopus* (Linn). Blue Tanager.  
*Hab.* British Guiana.  
 a-d. Presented by E. W. Harper, Esq., F.Z.S.  
 July 31, 1905.



- 156 a. *Rhamphocelus jacapa* (Linn). Maroon Tanager.  
*Hab.* British Guiana.  
*a-d.* Presented by E. W. Harper, Esq., F.Z.S.,  
 July 31, 1905
- 203 a. *Munia flaviprymna* (Gould). Yellow-rumped  
 Finch.  
*Hab.* N. W. Australia.  
*a-d.* Deposited, March 20, 1905.
- 517 a. *Petasophora iolata* (Gould). Violet-eared  
 Humming-bird.  
*Hab.* Carácas.  
*a.* Presented by Captain Pam, F.Z.S., Nov. 25, 1905.  
 See P.Z.S. 1905, *ii.*, p. 490. + 11 Dec
- 599 a. *Chalcopsittacus ater* (Scop.). Black Lory.  
*Hab.* New Guinea.  
*a.* Purchased, March 2, 1905. See P.Z.S. 1905,  
*i.*, p. 231.
- 682 a. *Psittacula guianensis* (Sw.). Guiana Love-bird.  
*Hab.* British Guiana.  
*a.* Male. *b.* Female. Presented by E. W. Harper,  
 Esq., F.Z.S., July 31, 1905.
- 853 a. *Scotopelia bouvieri* (Sharpe). Bouvier's Owl.  
*Hab.* Lagos.  
*a.* Presented by Dr. W. F. Macfarlarne, Oct. 13, 1905.  
 See P.Z.S. 1905, *ii.*, p. 296.
- 1153 a. *Dendrocygna discolor* (Scl. & Salv.). Guiana Tree  
 Duck.  
*Hab.* British Guiana.  
*a.* Male, *b.* Female. Presented by E. W. Harper,  
 Esq., F.Z.S., July 31, 1905.



1625 a. *Oceanodroma leucorhoa* (Vieill.). Forked-tailed  
Petrel.

*Hab.* Atlantic Ocean.

a. Presented by Capt. Pam, F.Z.S., Nov. 23, 1905.

### III.—REPTILES.

75 a. *Sternothærus gabonensis* (Dum.). Gaboon  
Sternothere.

*Hab.* West Africa.

a-d. Deposited, Sept. 2, 1905.

93 a. *Cycloderma aubryi* (Dum.). Aubry's River Turtle.

*Hab.* West Africa.

a. Deposited, Sept. 2, 1905.

146 a. *Anolis lineatopus* (Gray). Jamaican Anolis.

*Hab.* Jamaica.

a-g. Presented by H. Munt, Esq., F.Z.S., Aug. 29, 1905.

203 a. *Lacerta peloponnesiaca* (Bibr.). Peloponnesian  
Lizard.

*Hab.* S.E. Europe.

a-c. Deposited, July 28, 1905.

389 a. *Naia melanoleuca* (Hallow). Black and White  
Cobra.

*Hab.* West Africa.

a. Deposited, Aug. 31, 1905. See P.Z.S. 1905,  
ii., p. 296.



## IV.—AMPHIBIA.

58 a. *Aulodax lugubris* (Hallow). Brown Salamander.

*Hab.* North America.

a. Deposited, April 3, 1905.

## V.—ARACHNIDA.

*Pandinus imperator*. Giant Black Scorpion.

*Hab.* Lagos.

a-c. Presented by W. A. Ross, Esq., Nov. 23.

*List of Donors and their Donations for the  
year 1905.*

BEDFORD, His Grace, The Duke of, K.G. (President).  
5 Grey Squirrels.

BEDFORD, Her Grace, The Duchess of, F.Z.S. 2 Teydean  
Chaffinches.

Monseigneur le Duc d'Orleans, F.Z.S. 1 White-tailed Sea  
Eagle.

ADAMS, Mr. James C. 1 Peregrine Falcon.

ADAMSON, Mr. C. Murray, 1 Ruddy Ichneumon.

AFLALO, Mr. F. G. F.Z.S. 2 Loggerhead Turtles, 13  
Sharpheaded Lizards, 6 Porto Santo Tarantulas,  
1 Black Spider, 4 Zebra Spiders.

ALLAN, Dr. A. G. 1 Barn Owl.

ALLEN, Mrs. 1 Roseate Cockatoo.

AMHERST of Hackney, Lady. 4 Canadian Geese.

ANONYMOUS. 1 Toque Monkey.

"ANTONIO," The Capt. of the S.S. 2 Indian Crocodiles.

APPLEYARD, Mr. R. 1 Centipede.

APPLEYARD, Mrs. W. A. 2 Turtle Doves.

ASTLEY, The Rev. H. D., F.Z.S. 1 Yellow-winged  
Parrakeet, 1 Tovi Parrakeet.



- AUBERTIN, Lt.-Col. Peter. 1 Green Guenon.  
 BABINGTON, Mr. C. H., F.Z.S. 1 Chipping Squirrel.  
 BACON, Mrs. T. 1 Eupatorian Parrakeet ♂.  
 BAILWARD, Col. A. C., R.F.A., F.Z.S. 1 Williams' Jerboa.  
 BARNARD, Mr. C. D. V. Cary-. 1 Marabou Stork, 1 Gaboon Viper.  
 BARTLETT, Lt.-Col. C. R., R.A.M.C., F.Z.S. 1 Maxwell's Duiker ♂.  
 BASS, Mr. A. E. 1 Tessellated Snake.  
 BATTYE, Mr. A. Trevor-, F.Z.S. 1 Hey's Partridge.  
 BECK, Mr. H. C., F.Z.S. 1 Blue-fronted Amazon.  
 BELL, Mr. J. L. 2 Chinese Geese.  
 BENECKE, Mr. Otto. 1 Long-eared Owl.  
 BENNETT, The Hon. E. G., K.C., C.M.Z.S. 3 Antillean Boas.  
 BENNETT, Mr. H. E. 1 Syrian Bear ♂.  
 BENNETT, Mr. R. H. 1 Greater Sulphur-crested Cockatoo.  
 BERTLING, Mr. A. L. 10 Wood Mice, 1 Bank Vole.  
 BEVAN, Mr. Ivor, F.Z.S. 1 Broad-fronted Crocodile.  
 BEVERLEY, Mr. T. 1 Hocheur Guenon ♀., 1 Mandrill ♀.  
 BIEBER, Mr. Egmont. 1 Ocelot.  
 BINNING, The Lady. 1 Lesser Sulphur-crested Cockatoo, 1 Nonpareil Finch.  
 BIRCHAM, Mrs. E. 2 Gold Pheasants ♂. ♀., 2 Silver Pheasants ♂. ♀.  
 BLACKWOOD, Lieut. F. E. 1 Patas Guenon ♂.  
 BLADES, Mrs. Harry. 1 Grey-headed Love-bird, 2 Budgerigars.  
 BLEST, Miss. 1 Long-eared Owl.  
 BLUMLEIN, Mr. S. J., F.Z.S. 1 Budgerigar.  
 BLUNT, Major E. W. 1 Golden Eagle.  
 BOGLER, Mr. Carl, F.Z.S. 3 Elegant Terrapins, 2 Salt-water Terrapins, 2 Serrated Terrapins.  
 BONHOTE, Mr. J. L., F.Z.S. 4 Hybrid Ducks.  
 BOURKE, Capt. Paget J., F.Z.S. 1 Bonnet Macaque ♂.  
 BRAWN & CRAWSHAY, Messrs. 1 Huanaco ♂.  
 BREWSTER, Mr. H. 1 Common Kestrel.  
 BROWN, Mr. H. E. Sykes. 1 Back-marked Snake.  
 BROWNE, Capt. H. 2 Ring-necked Parrakeets, 1 Blue-fronted Amazon.  
 BULLIN, Mr. J. A. 1 Leopard ♀.



- BULLOUGH, Mr. Tom. 1 Golden Eagle.  
 BENNET-BURLEIGH, Mrs. 1 Suricate.  
 BUTLER, Dr. A. G., F.Z.S. 2 Spotted Turtle Doves, 1  
 Martinican Dove, 2 Picui Doves.  
 BUTLER, Miss, The Exors. of the late. 1 Grey Parrot.  
 BUTTAR, Mr. W. S. 1 Ocelot.  
 CADOGAN, Mr. Frances, R.N. 1 Green Lizard.  
 CALVERT, Major J. T., I.M.S. 1 Large Hill Mynah.  
 CAMERON, Mr. Lovett. 2 Laughing Kingfishers.  
 CAMPBELL, Mr. J. M. 1 Nose-horned Viper.  
 CARRUTHERS, Mr. D. 1 Indian Jerboa.  
 CAVENDISH, Captain J. S. 1 Masai Ostrich ♂.  
 CHALLICE, Mr. P. E. 1 Sparrow Hawk.  
 CHAMBERS, Mrs. 1 Common Marmoset.  
 CHAPNUY, Mr. L. T. 1 Eupatorian Parrakeet.  
 CHERMONT, Madame E. L. 1 Blue-fronted Amazon.  
 CHITTENDEN, Mr. H. L. 1 Orang-utan.  
 CHRISTY, Dr. H. 1 Gaboon Viper, 1 Nose-horned Viper,  
 1 West African Python.  
 CHRISTY, Mrs. Reginald. 1 Bare-eyed Cockatoo.  
 CHURCHER, Mrs. 2 Common Mynahs.  
 CLADO, Mr. C. 1 Ring-tailed Lemur.  
 CLARKE, Mr. George H. 1 Levallant's Cynictis, 1 Suricate,  
 1 Bristly Ground Squirrel.  
 CLARKE, Mr. H. N. 1 Red Crested Cardinal, 1 White  
 Throated Finch, 1 Green-finch.  
 COBB, Mr. Frances M. 1 Lesser White-nosed Guenon.  
 COBBOLD, Mrs. 1 Common Marmoset.  
 COBBOLD, Miss L. 1 Blue-fronted Amazon.  
 COCKBURN, Mrs., F.Z.S. 1 Diamond Python.  
 COCKS, Mr. Alfred H., F.Z.S. 2 Orcadian Voles.  
 COLLENETTE, Mr. C. L. 1 Barn Owl.  
 COLLIER, Mr. Charles, F.Z.S. 2 Otters ♀ ♀.  
 COOPER, Mr. W. M. 1 Vervet Guenon ♀.  
 COTSFORD, Mr. W. 1 Guinea Baboon.  
 CRAWFORD, Mr. F. 1 Yellow Hammer, 1 Goldfinch,  
 1 Tree Sparrow, 1 Wheatear ♀, 6 Linnets, 1 Chaffinch,  
 1 Brambling, 2 Greenfinches.  
 CROSLEY, Mr. W. 1 African Civet Cat.  
 CROSS, Mrs. Elizabeth. 1 Spoonbill.  
 CROSS, Mr. W. S., F.Z.S. 2 Red-bellied Squirrels,  
 6 West African Love Birds, 2 Black Kites, 1 Arizona  
 Heloderm, 1 Angulated Snake, 1 Sand Lizard.



- CROZIER, Capt. F. P. 1 Mona Monkey, 1 Marabou Stork.  
 CUTHELL, Col. T. G. 1 Common Sheldrake.  
 CUTTRIS, Mr. Edward. 1 Bonnet Macaque ♂.  
 DAGNALL, Mr. G. Clement-. 1 Common Snake.  
 DANCKWERTS, Mr. W. O., K.C., F.Z.S. 2 Prevost's  
 Squirrels.  
 DAVIDSON, Mr. James A. 2 Pink-footed Geese.  
 DAVIES, Miss. 1 Vulpine Phalanger.  
 DAVIS, Mr. Frederick. 1 Eupatorian Parakeet ♂.  
 DAVIS, Mr. F. M. 11 European Tree Frogs, 3 Edible  
 Frogs, 2 Common Toads, 3 Green Lizards, 1 Common  
 Lizard, 4 Slowworms, 5 Moorish Geckos, 24 Scorpions.  
 DEBENHAM, Miss R. D. 1 Brambling ♂., 1 Red-beaked  
 Weaver Bird.  
 DENT, Mr. W. E. 2 Barn Owls.  
 DENTON, Captain Sir George, K.C.M.G., F.Z.S. 1 West  
 African Hare.  
 DE ROMANA, Mrs. 1 Ring-tailed Lemur.  
 DIXON, Mr. Dacres. 1 Leopard.  
 DONISTHORPE, Mr. Horace St. John, F.Z.S. 4 Natterjack  
 Toads.  
 DUCKWORTH, Mrs. 1 Blue and Yellow Macaw.  
 DUNCAN, Miss. 1 Greater Sulphur-crested Cockatoo.  
 EDDINGTON, Mrs. 1 Eupatorian Parrakeet.  
 EGERTON, Mr. Walter. 1 Crowned Crane.  
 EVANS, Mrs. Kathleen. 1 Ring-necked Parrakeet.  
 EVELYN, Mr. A. A., and Sir Daniel MORRIS, K.C.M.G.,  
 C.M.Z.S. 3 Common Hares.  
 FAIRFAX, Mr. W. T. Ramsey. 1 Leopard ♂.  
 FARKOA, Mr. Maurice. 1 Greater Sulphur-crested  
 Cockatoo.  
 FARRINGTON, Mr. S. 1 Common Macaque ♀.  
 FINN, Mr. Frank, F.Z.S. 1 Nightingale, 1 Kingfisher,  
 1 Siskin.  
 FINNIE, Major R.B., F.Z.S. 1 Grecian Ibex ♂.  
 FIRTH, Mrs. 1 Suricate.  
 FOSTER, Capt. 1 Weka Rail.  
 FRASER, Mr. Daniel. 1 Lesser White-nosed Guenon.  
 FREMLIN, Miss H. 2 Barred Doves.  
 FROHAWK, Mr. F. W. 2 Tawny Owls.  
 FUENTES, His Excellency, Signor H. 1 Ocelot ♂.  
 FYFFE, Mr. Alan H. 1 Spotted Salamander and young.  
 GALLON, Mr. W. 1 Blue and Yellow Macaw.



- GARDNER, Mr. Robert. 1 Hobby, 1 Sparrow Hawk.
- GIBBONS, Mr. Charles Kenrick. 21 Malaria Fish.
- GILLET, Mr. Frederick, F.Z.S. 3 Red-beaked Weavers, 3 Cut-throat Finches, 1 Orange-cheeked Waxbill, 1 Zebra Waxbill, 1 Red-bellied Waxbill, 1 Chesnut-eared Finch, 2 Indian Silverbills, 1 Nutmeg Bird.
- GILLIAT, Major J. B., D.S.O., F.Z.S. 1 Golden Tree Frog, 1 White's Tree Frog.
- GLADWIN, Mrs. 1 Mozambique Guenon.
- GLENNY, Capt. T. A. 2 Bristly Ground Squirrels.
- GLOVER, Mr. C. W. H. 12 Axolotls.
- GLOYNE, Mr. F. 2 Common Badgers.
- GOODFELLOW, Mr. 1 Javan Loris, 1 Slow Loris.
- GORDON, Miss M. 1 Mozambique Guenon.
- GORDON, Mr. T. 1 Red and Yellow Macaw.
- GRAHAM, Dr. J. C. 1 Orang-utan.
- GRANT, Miss. 1 Green Guenon ♂.
- GRAY, Capt. C. J. 1 Common Chameleon.
- GREEN, Mr. E. Ernest. 1 Knob-nosed Lizard.
- GREENSLADE, Mrs. 1 Eupatorian Parrakeet.
- GRIFFITHS, Mr. Osmond E. 1 Rose-crested Cockatoo.
- GÜNNING, Dr. J. W. B., F.Z.S. 2 Kolbe's Vultures.
- GÜNTHER, Dr. A., F.R.S. 3 Bluethroats, 2 Red-backed Shrikes.
- GURNEY, Mr. Gerard H. 1 Alligator.
- GURNEY, Mr. Robert, F.Z.S. 1 Common Viper.
- GUTHRIE, Mr. A. W., F.Z.S. 1 Chacma Baboon ♂., 1 Cape Zorilla, 1 Vulturine Eagle.
- HAIG, Mr. E. 1 Guillemot.
- HAINES, The Rev. F. W. 2 Spotted Salamanders, 1 Marbled Newt, 4 Green Lizards, 1 Dark Green Snake, 1 Tessellated Snake.
- HALDON, Constance, Lady. 1 Pennant's Parrakeet.
- HALL, Mr. Sydney P. 1 Palm Squirrel.
- HAMMICK, Mr. E. 1 Common Kestrel.
- HANKEY, Capt. S. T. 1 Ring-necked Parrakeet ♀.
- HARDING, Dr. G. C. 1 Ring-necked Parrakeet ♂.
- HARDING, Mr. W. A., F.Z.S. 1 Red and Black Snake.
- HARPER, Mr. E. W., F.Z.S. 4 Blue Tanagers, 4 Maroon Tanagers, 1 Grey-breasted Thrush, 1 Black Hang-nest, 1 Yellow Breasted Sugar-bird, 2 Guianan Tree Ducks, 2 Guianan Love Birds.



- 40\* - HARRISON, Mr. JAMES J. 1 Abyssinian Guereza. 1  
White-tailed Mongoose.
- HARRISON, Mr. W. H. 1 Patas Guenon.
- HAWES, Major John. 1 Common Fox ♂.
- HAWKER, Miss Elsie. 1 Common Marmoset.
- HAWKINS, Miss. 1 Eupatorian Parrakeet.
- HAYES, Mr. E. E. 2 Eyed Lizards.
- HEALEY, Mrs. 2 Yellow-bellied Liothrix.
- HEARDER, Mr. H. P. 4 Common Vipers.
- HEARNshaw, Mr. R. Fletcher, F.Z.S. 2 Bullfinches ♂ ♀.
- HENSE, Mr. J. 1 Bonnet Macaque.
- HETT, Mr. G. Seccombe, M.B. 1 Short-eared Owl,  
1 Lesser Kestrel, 1 Herring Gull.
- HEYWARD, Mr. Frederick R. 1 Pigtailed Macaque.
- HIGHAM, Mr. Reginald. 1 Leopard ♂.
- HINDLEY, Mr. R. 1 Bullfinch ♂.
- HOBSON, Mr. E. N. 1 Mozambique Guenon.
- HOGSTEDT, Miss Amy. 1 Guinea Baboon ♂.
- HOLDEN, Mr. R. A., F.Z.S. 2 Paradise Whydah-birds,  
1 Orange Weaver-bird, 2 Java Sparrows, 2 Yellow-  
rumped Seed-eaters, 2 Cut-throat Finches, 2 Chestnut-  
bellied Finches, 2 Russ's Weaver-birds.
- HOLE, Miss Marshall. 1 Rusty-spotted Genet.
- HOLLAND, Mr. Arthur. 2 Great-billed Rheas ♂ ♀.
- HOLMES, Mr. R. 2 Striped Rats.
- HOPKINSON, Dr. Emilius, D.S.O., F.Z.S. 2 Double-  
spurred Francolins.
- HORN, Dr. A. E. 1 Two-spotted Paradoxure.
- HOUSDEN, Mrs. 1 Bonnet Macaque.
- HUMPHRYS, Mr. Russell. 1 Golden-crested Mynah.
- INGRAM, Mr. Collingwood, F.Z.S. 2 Hybrids (Greenfinch  
× Linnet), 1 Tree Sparrow.
- JACKSON, Mr. F. W. F., R. A. (Lieut.). 1 Anubis Baboon.
- JAMES, Mr. W. 1 Harnessed Antelope ♀.
- JAMRACH, Mr. William. 2 Larger Tree Ducks, 2 Black-  
throated Partridges, 3 Hybrid Pheasants.
- JOHNSTON, Sir Harry, G.C.M.G., K.C.B., F.Z.S. 1 Water  
Chevrotain.
- JONES, Capt. Percival. 1 Hocheur Guenon ♀.
- JONES, Mrs. 1 Blue-fronted Amazon.
- Joy, Mr. Basil H. 1 Common Squirrel.
- KENNEDY, Mr. E. B. 1 Fraser's Eagle Owl.
- KEYS, Mr. A. M. 1 Green Guenon.



- KNOCKER, Mr. Frederick W., F.Z.S. 2 Slow Loris.  
 KNOWLES, Mr. G. 1 Yellow-cheeked Amazon.  
 KYNOCH, Mrs. 1 Lesser Hill Mynah.  
 LAING, Miss Marion F. R. 1 Diana Guenon ♀.  
 LANYON, Mr. Vivian. 1 Roseate Cockatoo.  
 LARRANAGA, Mr. Lopez. 1 Squirrel Monkey.  
 LATOUCHE, Mr. J. D. D., C.M.Z.S. 1 Luzon Shrike,  
 1 Sparrow Hawk.  
 LAWRENCE, Mr. Roland. 1 Common Marmoset.  
 LECHMERE, Sir Edmund, Bt., 1 Serval ♀.  
 LEIGH, Mr. J. F. W. 1 Alligator.  
 LEIGH, Mr. J. Hamilton, F.Z.S. 2 Common Buzzards.  
 LESTER, Mrs. 1 Grey Parrot.  
 LILFORD, The Lord, F.Z.S. 6 Hybrid Snow Geese.  
 LINLEY, Miss F. 1 Greater Sulphur-crested Cockatoo.  
 LISTON, Mr. Montrose W. 1 Common Kestrel.  
 LLOYD, Miss Florence. 1 Green Guenon ♂.  
 LOCK, Major R. 1 Arabian Ratel.  
 LODGE, Mr. G. E., F.Z.S. 1 Guillemot.  
 LOGAN, Mr. James D., Jun. 1 Cape Pole Cat, 2 Suri-  
 cates, 3 Black-backed Jackals.  
 LONG, Mr. E. G. 2 Peregrine Falcons.  
 MCBARNETT, Mr. A. C. 1 Red and Blue Macaw.  
 MACFARLANE, Capt. M. 1 Egyptian Kite.  
 MACFARLANE, Dr. W. F., F.Z.S. 1 Two-spotted Palm  
 Civet, 1 Cane Rat, 1 Beautiful Wood Hawk,  
 1 African Buzzard, 1 Black Kite, 1 Bouvier's Owl,  
 1 Common Heron, 2 Exanthematic Monitors, 1 Long-  
 nosed Crocodile, 1 Broad-fronted Crocodile, 1 Goliath  
 Beetle.  
 MCINTYRE, Mr. James. 1 Patas Guenon ♂.  
 MACLACHAN, Mrs. Ronald. 1 Diana Guenon ♀.  
 MACLEOD, Mr. G. R. 1 Vervet Guenon ♀.  
 McMILLAN, Mr. Barry. 1 Rufescent Snake.  
 MAITLAND, Mr. A. C. R., F.Z.S. 1 Blue-fronted Amazon.  
 MAJENDIE, Mr. James H. A. 3 Common Kestrels.  
 MAJOR, Mrs. 1 Green Guenon.  
 MANGER, Mr. E. J. 1 Guinea Baboon ♀., 1 Patas  
 Guenon, 2 Spur-winged Geese, 4 Royal Pythons.  
 MARDELL, Mr. W. A. 1 Rhesus Macaque.  
 MARSDEN, Mr. Arthur, C.M.Z.S. 2 Masai Ostriches.  
 MARSH, Mr. W. 1 Jackdaw.  
 MARTIN, Mr. H. 1 Naked-footed Owlet.



- MATTHEWS, Mr. J. G. 1 Slender-billed Cockatoo.  
 MAUDE, Mr. Arthur. 1 Common Macaque ♂.  
 MEARS & Co., Messrs. 1 Leopardine Snake.  
 MELLAND, Mr. Frank H. 1 Leopard ♂.  
 MIDDLETON, Lieut. J. R., R.N. 1 African Civet Cat.  
 MILLER, Mrs. Duff. 1 Grey-breasted Parrakeet.  
 MILNE, Mr. A. M. Lees-, F.Z.S. 1 Sparrow Hawk.  
 MOBLEY, Mr. E. M. 1 Common Buzzard.  
 MOMBER, Mr. A. R. T. 1 Meadow Bunting.  
 MOMBER, Lieut.-Col., G. A., F.Z.S. 2 Cirl Buntings.  
 MONRO, Mr. R. W. 1 Common Kestrel.  
 MOON, Capt. H. J. J. G., R.N. 2 Sculptured Terrapins.  
 MORRIS, Sir Daniel, K.C.M.G., C.M.Z.S., and Mr. A. A. EVELYN. 3 Common Hares.  
 MORRIS, Miss Ida. 1 Common Chameleon.  
 MORRIS, Mr. Stanley. 2 Naked-footed Owlets.  
 MUNT, Mr. Henry, F.Z.S. 10 Jamaican Anolis, 19 Giant Toads, 11 Jamaican Trap-door Spiders, 3 Jamaican Scorpions.  
 MURRAY, Miss J. V. 1 Common Snipe.  
 NEWALL, Mr. R. S. 1 Speckled Terrapin.  
 NEW ZEALAND, GOVERNMENT OF, and Mr. H. C. WILKIE, F.Z.S. 7 Mantell's Apteryx.  
 NOBLE, Mrs. 3 Red-backed Shrikes.  
 NORRIS, Mr. A. W. 1 Abyssinian Fruit Pigeon.  
 NOWILL, Sergt.-Major F. W., R.A.M.C. 1 Abyssinian Guenon.  
 O'BRIEN, Commander F. H. S., R.N. 1 Green Guenon ♂.  
 OGG, Miss. 1 Roseate Cockatoo.  
 OLD, Mr. A. 1 Common Viper.  
 OLIVER, Major L. G. 1 Panolia Deer.  
 ORLEBAR, Mr. J. Rouse. 1 Common Pheasant ♀.  
 PAM, Capt. Albert, F.Z.S. 1 Capybara, 1 Punctated Agouti, 1 Spotted Cavy, 1 Violet-eared Humming Bird, 2 Purple Sugar Birds, 2 Spotted Emerald Tanagers, 2 Black-necked Tanagers, 1 All Green Tanager, 1 Red-billed Toucan, 1 Fork-tailed Petrel, 2 Corais Rat Snakes, 1 Common Boa, 1 Marbled Polychrus.  
 PARKER, Mr. A. 1 Gannet.  
 PARKER, Mr. W. H. 1 Diana Guenon.  
 PARMINTER, The Rev. P. W. 2 Ravens.  
 PATTEN, Mrs. 1 Ring-necked Parrakeet.



- PEAKE, Mr. F. G. 2 Grey Mongooses.
- PEALL, Mr. W. J. 1 Bonnet Macaque ♀.
- PEDLER, Mr. H. C. G. 1 Algerian Tortoise, 2 European Pond Tortoises, 1 Reeve's Terrapin, 1 Pennsylvanian Mud Terrapin.
- PEMBERTON, Mr. G. 1 Naked-footed Owlet.
- PERCIVAL, Mr. Walter Gilbey. 1 Galeodes.
- PERRIN, Mr. F. 1 Green Guenon ♂.
- PHILIPSON, Mr. Robert. 1 Otter ♂.
- PHILLIPPS, Mr. R. 1 Streaked Laughing Thrush.
- PHILLIPS, Capt. E. H., R.F.A. 1 Great White Heron.
- PILLERS, Mr. A. W. Noël, F.Z.S. 7 Crested Newts, 9 Common Newts.
- POLLARD, Mr. G. F. 1 Common Fox, 7 Slowworms, 4 Water Voles.
- POTTER, Mrs. 1 Herring Gull.
- PRICE, Mrs. 1 Ring-necked Parrakeet.
- RADFORD, Mr. A. C. 2 Tawny Owls.
- RANFURLY, The Rt. Hon. The Earl of, P.C., G.C.M.G., H.M.Z.S. 4 Mantell's Apteryx.
- RAPOZO, Mrs. 1 Mozambique Guenon.
- RICE, Capt. B. A. 1 Caracal, 2 Servals.
- RIDLEY, Mr. H. N., C.M.Z.S. 1 Orang-utan, 1 Binturong, 1 Hybrid Macaque, 1 Three-banded Palm Civet.
- ROBINSON, Mr. S. H. 1 Vulpine Phalanger.
- ROBINSON, Mr. T. W. 5 Scorpions, 1 Spider, 3 Rough Scaled Lizards, 1 Hispid Lizard, 3 Delalande's Ground Snakes.
- ROBOTHAM, Mrs. 1 Bonnet Macaque.
- RODGER, His Excellency Sir John, K.C.M.G., F.Z.S. 1 Lesser White-nosed Guenon, 1 Pousargue's Guenon, 1 Great-billed Touracou, 1 Jardine's Parrot.
- ROGERS, Mr. E. Forster. 1 Yellow-winged Sugar Bird.
- ROOS OF BELVOIR, Lord. 1 Stone Curlew.
- ROSE, Mrs. 1 Collared Fruit Bat.
- ROSS, Mr. W. A. 3 Giant Black Scorpions.
- ROWSE, Mr. J. A. 1 Campbell's Guenon ♂.
- RUSSELL, Mr. Arthur. 1 Slow Loris.
- RYDER, The Hon. R. D. 1 Yellow Baboon ♀.
- SAFFORD, Mrs. Louisa. 1 White-throated Capuchin, 1 Dunlin ♀, 2 Indian Button Quails, 1 Dussumier's Hemipode, 2 Little Winged Plovers.



- ST. QUINTIN, Mr. W. H., F.Z.S. 1 Prince of Wales's Pheasant, 2 Chukar Partridges, 1 Manx Shearwater, 1 Dunlin, ♀, 2 Indian Button Quails, 1 Dussumier's Hemipode, 2 Little-winged Plovers.
- SALLMAYER, Mr. J. J. 2 Axolotls, 1 Japanese Newt, 12 Spotted Salamanders, 12 European Tree Frogs.
- SAMUEL, Mr. F. D. 1 Grey Ichneumon.
- 140 - SCALLON, Col. R. J., C.B., D.S.O. 1 Beatrix Antelope.
- SCOTT, Mr. G. H. 1 Magpie.
- SCOTT, Mr. H. B. 1 Naked-footed Owlet.
- SCOTT, Mr. James, C.E. 1 Red-fronted Gazelle.
- SCOTT, Miss. 1 Blossom-headed Parrakeet.
- SCHAIBLE, Mr. C. 2 Goshawks.
- SCHOMERUS, Dr. H. 1 Great-billed Touracou.
- SCRATTON, Mr. William Howel, F.Z.S. 2 Rooks.
- SEBRIGHT, Mr. Guy. 1 Triton Cockatoo.
- SEVASTOPULO, Mr. G. D. 1 Brown-headed Marsh Bird, 1 Silky Cow Bird.
- SKINNER, Miss A. 1 Ring-necked Parrakeet.
- SKURRAY, Mrs. 1 Campbell's Guenon.
- SLACKE, Lady. 1 Arabian Baboon ♀.
- SMITH, Mrs. 1 Slender-billed Cockatoo, 1 Rosehill Parrakeet, 1 Greater Sulphur-crested Cockatoo.
- SMITH, Lieut. C. Herbert. 2 Green Guenons.
- SMITH, Col. C. Mitchell-. 1 Grey-breasted Parrakeet, 1 Ring-necked Parrakeet, 1 Rosehill Parrakeet.
- SMITH, Mr. David Seth-, F.Z.S. 1 Dussumier's Hemipode, 1 Gird Bunting, 6 Lesser Redpolls.
- SMITH, Mr. George. 1 Eyed Lizard.
- SMITH, Mr. R. W. 3 Common Turtle Doves.
- SMOOTHY, Mr. H. W. 1 Short-eared Owl.
- SPENCER, Mr. Charles T. 1 Crested Curassow.
- SPICER, Capt. John. 1 Wedge-tailed Eagle.
- SPICER, Lady Margaret. 1 Senegal Dove, 2 Hybrid Gold Pheasants.
- SPURWAY, Mrs. 1 Cockateel, 2 Pale-headed Parrakeets.
- STANLEY, Mrs. G. 1 Greater Sulphur-crested Cockatoo.
- STIRLING, Capt. 2 Mozambique Guenons.
- STIRLING, Mr. William. 1 Levillant's Cynictis.
- STRACHAN, Dr. W. H. W., C.M.G. 1 Collared Fruit Bat.
- STURT, Major-Gen. C.S., F.Z.S. 1 Golden Eagle.
- SWALLOW, Miss Alice. 1 Slender-billed Cockatoo.
- SYDNEY, Mr. Charles A. 1 Hairy Armadillo.



- THOMAS, Miss Kate E. 1 Patas Guenon.  
 THOMAS, Mr. Oldfield, F.R.S., F.Z.S. 1 Bank Vole.  
 THORPE, Mr. H. 1 Rhesus Macaque.  
 TIDSWELL, Mrs. 1 Great Billed Touracou.  
 TINNE, Mr. James. 1 Ocelot.  
 TOOZER, Mr. J. 1 Naked-footed Owlet.  
 TOWNSHEND, Mrs. N. 1 Zebu ♂.  
 TUCK, The Rev. Julian. 1 Common Kestrel.  
 TUCKER, Mr. W. G. Sanger. 1 Yellow-fronted Amazon.  
 TUFNEL, Mr. B. 1 Ring-necked Pheasant.  
 URQUHART, Major C. J. 1 Black Lemur ♀.  
 VAN HOLLICK, Mr. F. C. 1 Herring Gull.  
 VERNON, Mr. A. 1 Carrion Crow.  
 VON WEBER, Mr. E. L. 2 Green Guenons.  
 WALKER, Mr. C. E. 1 Grey Ichneumon ♀.  
 WALLER, Mr. F. H. 2 Lesser White-nosed Guenons,  
 1 Diana Guenon ♀.  
 WALLER, Mr. F. J. 2 Common Kestrels.  
 WALLIS, Mr. F. W. 1 Yellow-fronted Amazon.  
 WALTON, Mr. J. W. 2 Naked-footed Owlets.  
 WARNE, Mr. Thomas W. 1 Ring-tailed Lemur ♀.  
 WERRY, Capt. F. E. 1 Egyptian Kite, 1 White-eared  
 Scops Owl.  
 WHEELER, Mr. J. N. 2 Smooth Snakes.  
 WHITE, Mr. Alfred, F.Z.S. 1 Tarantula Spider,  
 1 Delalande's Gecko.  
 WHITE, Mr. Reginald H. 1 Green Guenon ♂.  
 WHITEHEAD, Mr. F. E. 1 Alligator.  
 WHITEHEAD, Mr. Jeffery. 1 Blackbird (var).  
 WIENER, Mr. A. F., F.Z.S. 2 Dwarf Chameleons,  
 6 Orange Weaver-birds.  
 WIGGINS, Mrs. 1 Patas Guenon.  
 WIGNALL, Mrs. Witham-. 1 Greater Sulphur-crested  
 Cockatoo.  
 WILBERFORCE, The Rev. Archdeacon. 2 Siskins.  
 WILCOX, Mrs. 1 Greater Sulphur-crested Cockatoo.  
 WILCOX, Capt. E. A. C. 1 Triangular Spotted Pigeon.  
 WILKIE, Mr. H. C., F.Z.S. 2 Keas. See also New  
 Zealand, Government of.  
 WILLIAMS, The Rev. Charles F. W. T. 1 Raven.  
 WILLIAMS, Mr. P. D. 1 Peregrine Falcon.  
 WILLIS, Mr. 2 European Pond Tortoises.



WILSON, Mr. Charles J. 2 Merlins.  
 WOODARD, Mrs. 1 Green Guenon.  
 WOODD, Miss E. G. 1 Yellow-bellied Liothrix.  
 WYNDHAM, Mr. Percy C. 1 Crab-eating Opossum.  
 YATES, Mr. Arthur. 2 Lapwings.  
 YEARSLEY, Mr. P. McLeod. 1 Dormouse.

### STATE OF THE FINANCES.

The Report of the Auditors of the Accounts for 1905 is issued to Fellows, bound at the end of this Report. In 1904, acting on the advice of Mr. W. B. Keen, Chartered Accountant, the professional Auditor of the Society, the Committee issued their Report in a new form, replacing the old statement of Assets and Liabilities by a properly prepared Balance Sheet, and the old statement of Receipts and Payments by an Income and Expenditure Account. To explain the new system as compared with the old system, and to make it possible for present or future observers of the history of the Society to follow its financial progress, the Council Report of 1904 contained an analysis of the accounts on the old Receipts and Payments basis and a "reconciliation table" of the two sets of accounts. As the Committee of Auditors for 1905 have again presented their Report in the new form, it is no longer necessary to print the accounts in two ways, and the following comparisons are between the Balance Sheets of 1904 and 1905 and the Income and Expenditure Accounts for the same years:—

#### *Comparison of Balance Sheet 1904 and 1905.*

LIABILITIES.	1904.			1905.			Comparison.			
	£	s.	d.	£	s.	d.	£	s.	d.	
Sundry Creditors and Rent and Taxes ...	1,633	18	0	1,729	4	0	+	95	6	0
Messrs. Drummond, Overdraft.....	4,851	13	9	4,347	15	6	-	503	18	3
Subscriptions received in advance .....	199	1	0	191	1	0	-	8	0	0
Composition Fund (not separately invested) .....	7,282	0	0	7,222	0	0	-	60	0	0
Zoological Society: Balance Dec. 31st ...	50,738	12	7	49,455	1	1	-	1,283	11	6
	£64,705	5	4	£62,945	1	7		—		



ASSETS.	1904.			1905.			Comparison.			
	£	s.	d.	£	s.	d.	£	s.	d.	
Animals in the Menagerie.....	15,831	18	6	15,180	0	0	-	651	18	6
Freehold Premises, Hanover Square .....	25,000	0	0	25,000	0	0				
Books in Library .....	19,922	0	0	20,225	0	0	+	303	0	0
Unsold Publications .....	1,974	15	5	500	0	0	-	1,474	15	5
„ „ “Zoological Record” .....	907	19	9	900	0	0	-	7	19	9
Debts due to the Society .....	681	18	8	740	9	9	+	58	11	1
Balance of Cost of Drainage, to be repaid by instalments .....	363	0	0	319	0	0	-	44	0	0
Cash in hand at Gardens and Office .....	23	13	0	80	11	10	+	56	18	10
	£64,705	5	4	£62,945	1	7				

The sums respectively of £50,738 12s. 7d. in 1904, and £49,455 1s. 1d. in 1905 appearing on the Liabilities side to balance the account, represent the balance of Assets over Liabilities on these two dates. The apparent diminution in this balance is more than accounted for by the fact that the valuation of the stock of unsold publications has been written down from £1,974 to £500. It is to be noted that no credit is taken for the value of office furniture, loose plant, or premises at the Gardens.

*Comparison of Income, 1904 and 1905.*

	1904.			1905.			Comparison.			
	£	s.	d.	£	s.	d.	£	s.	d.	
Admission Fees .....	1,000	0	0	1,215	0	0	+	115	0	0
Subscriptions .....	7,086	0	0	7,368	0	0	+	282	0	0
Compositions .....	1,072	0	0	1,080	0	0	+	8	0	0
Garden Sales (Animals).....	532	15	9	428	11	8	-	104	4	1
Rent of Refreshment Rooms .....	1,000	0	0	1,000	0	0				
Rents—Hanover Square .....	202	2	0	200	0	0	-	2	2	0
Admission to Gardens .....	17,063	8	4	17,469	6	4	+	405	18	0
Riding Receipts .....	502	7	7	470	19	8	-	31	7	11
“Garden Guide” and Post-card sales, less expenses, Printing, &c. ....	527	17	9	894	14	3	+	366	16	6
Contribution towards cost of Apes .....	100	0	0	—			-	100	0	0
Rent of Lavatories .....	24	15	6	72	8	1	+	47	12	7
Miscellaneous Receipts .....	111	0	3	95	18	2	-	15	2	1
Income Tax recovered .....	—			126	8	7	+	126	8	7
	£29,322	7	2	£30,421	6	9	+	£1,098	19	7



	1904.			1905.			Comparison.			
	£	s.	d.	£	s.	d.	£	s.	d.	
Surplus of Income over Ordinary Expenditure .....	4,172	9	0	5,132	8	4	+	959	19	4

*Comparison of Ordinary Expenditure, 1904 and 1905.*

	1904.			1905.			Comparison.			
	£	s.	d.	£	s.	d.	£	s.	d.	
Rent, Rates, &c., Gardens .....	1,472	10	0	1,470	16	10	-	1	13	2
Charges under Licensing Act, 1904 .....	—			14	13	4	+	14	13	4
Rates, Taxes and Insurance, Office .....	298	16	7	323	13	0	+	24	16	5
Salaries, Gardens .....	4,318	14	8	4,356	8	10	+	37	14	2
Do. Office .....	1,432	17	10	1,573	18	6	+	141	0	8
Pensions, Gardens .....	260	0	0	260	0	0	—			
Do. Office .....	752	0	0	752	0	0	—			
Provisions .....	3,513	8	10	3,608	6	2	+	94	17	4
Cost and Carriage of Animals .....	1,136	18	10	1,124	11	6	-	12	7	4
Menagerie Expenses .....	1,801	8	2	1,980	2	10	+	178	14	8
Prosectorium Expenses .....	533	3	2	863	4	6	+	330	1	4
Works (Ordinary) at Gardens .....	4,680	9	8	3,901	1	11	-	779	7	9
Do. at Office .....	105	12	9	168	14	2	+	63	1	5
Gardeners' Expenses .....	1,154	4	9	1,280	4	0	+	125	19	3
Advertisements .....	367	9	5	298	19	0	-	68	10	5
Band Expenses (Net) .....	106	2	0	136	8	0	+	30	6	0
House and Office Expenses, Gardens .....	386	12	11	322	13	1	-	63	19	10
Do. do. Office .....	722	9	1	727	1	0	+	4	11	11
Stationery and Printing (Miscellaneous) .....	417	8	2	396	8	9	-	20	19	5
Cost of Publications (Net) .....	918	8	8	891	19	6	-	26	9	2
Cost of "Zoological Record" (Net) .....	260	14	10	301	5	6	+	40	10	8
Library Expenses .....	435	17	6	415	6	8	-	20	10	10
Law Expenses .....	17	14	0	56	13	8	+	38	19	8
Grants in aid of Science .....	13	16	6	—			-	13	16	6
Interest on Loans .....	42	19	10	64	7	8	+	21	7	10
<b>TOTALS .....</b>	<b>£25,149</b>	<b>18</b>	<b>2</b>	<b>£25,288</b>	<b>18</b>	<b>5</b>	<b>+</b>	<b>£139</b>	<b>0</b>	<b>3</b>

*Financial Summary of the Years 1903, 1904, 1905.*

The work of re-organising the Gardens began in the spring of 1903, and in addition to the part of the "ordinary expenditure" employed in the upkeep of the various buildings and enclosures at the Gardens, the following sums have been spent in the provision of new buildings or enclosures:—

1903	...	...	...	£2,340	9	1
1904	...	...	...	4,757	18	8
1905	...	...	...	4,281	6	2
<b>Total</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>£11,379</b>	<b>13</b>	<b>11</b>



What may be called the "Cash" position of the Society in the three years is shown in the following table:—

Deficit owing Bankers	Dec. 31st., 1902	...	£2,759	6	8
"	"	Dec. 31st., 1903	...	2,844	10 9
"	"	Dec. 31st., 1904	...	4,851	13 9
"	"	Dec. 31st., 1905	...	4,347	15 6

In addition to the deficit of £2,759. 6s. 8d. at the end of 1902, there was a debt of over £1,000 due for expenditure incurred at Hanover Square, making the deficit of the Society over £3,700. Thus in the three years in question, whilst over £11,000 has been spent on new buildings at the Gardens, the actual deficit has been increased only by a little over £500, the difference between these sums having been paid out of the annual income.

#### CONCLUSION.

The Council think that they have reason to 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 1904. The efforts of the last three years have already brought about a marked improvement in the Gardens, and whilst it cannot be expected that the deficit will be decreased this year, it would be possible next year or in any future year, unless the prosperity of the Society greatly diminished, to pay off the deficit by refraining from new works.

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, 1906.



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

APPOINTED JANUARY 18TH, 1906

---

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, 1905, submit to the Society an abstract of the Accounts, together with an estimate of the Assets and Liabilities at the close of the year.

During the past year the sum of £4,281. 6s. 2d. has been spent on improvements at the Gardens, and the Auditors have pleasure in announcing that the whole of this sum has been defrayed out of the profits of the year which amounted to £5,132. 8s. 4d., thus leaving a net surplus of £851. 2s. 2d. Out of this sum the bank overdraft has been reduced by £503. 18s. 3d.



## BALANCE SHEET,

*LIABILITIES.*

	£	s.	d.	£	s.	d.
To Sundry Creditors ... ..	1,499	2	5			
Do. for Rent and Taxes ... ..	230	1	7			
	<hr/>			1,729	4	0
„ Messrs. Drummond & Co., Overdraft ... ..				4,347	15	6
„ Subscriptions received in advance ... ..				191	1	0
„ Composition Fund (not separately invested)—						
Balance at January 1st, 1905 ... ..	7,282	0	0			
Add 34 New Fellows at £30 ... ..	1,020	0	0			
	<hr/>			8,302	0	0
Less Amount transferred to Revenue ... ..	1,080	0	0			
	<hr/>			7,222	0	0
Zoological Society—						
Balance at January 1st, 1905 ... ..	50,738	12	7			
Add Excess of Ordinary Income over Expenditure ... ..	5,132	8	4			
	<hr/>			55,871	0	11
Less Extraordinary Expenditure ... ..	4,281	6	2			
	<hr/>			51,589	14	9
Less reduction in value of animals ... .. £651 18 6						
Do. Unsold Publications 1,474 15 5						
Do. Stock of “ Zoological Record ” ... .. 7 19 9						
	<hr/>			2,134	13	8
	<hr/>			49,455	1	1

---

£62,945 1 7

---



## 31st DECEMBER, 1905.

## ASSETS.

	£	s.	d.	£	s.	d.
By Animals in the Menagerie at Regent's Park at 31st December, 1904, estimated at ... ..	15,831	18	6			
<i>Less</i> Reduction in value at 31st December, 1905 ... ..		651	18	15,180	0	0
„ Freehold Premises at Hanover Square, taken as in last Balance Sheet ... ..				25,000	0	0
„ Books in Library (including purchases in 1905, £303) estimated at ... ..				20,225	0	0
„ Unsold Publications as at 31st December, 1904...	1,974	15	5			
Now taken at reduced value ... ..				500	0	0
„ Stock of "Zoological Record" as at 31st December, 1904 ... ..	907	19	9			
Now taken at reduced value ... ..				900	0	0
„ Debts due to Society—						
Rent for Refreshment Rooms ... ..	250	0	0			
„ Offices at Hanover Square ... ..	38	12	6			
Garden Sales ... ..	85	18	8			
Bradbury, Agnew & Co. for Advertisements in "Garden Guide" ... ..	75	9	2			
Arrears of Fellowship Subscriptions £120, estimated to realise ... ..	60	0	0			
Messrs. Spiers & Pond for Lavatories, &c.	77	8	1			
Publication Sales ... ..	153	1	4			
				740	9	9
„ Drainage at Refreshment Rooms, as per last Balance Sheet ... ..	363	0	0			
<i>Less</i> Instalments received from Messrs. Spiers & Pond ... ..		44	0	319	0	0
„ Cash in hand at Office and Gardens ... ..				80	11	10
Office Furniture, Loose Plant, Premises at Gardens, Tools, &c., not valued.						
				£62,945	1	7



## INCOME AND EXPEN

FOR THE YEAR ENDED

ORDI

				<i>INCOME.</i>					
				£	s.	d.	£	s.	d.
Admission Fees (New Fellows)	...	...	...				1,215	0	0
Subscriptions (Fellows)	...	...	...				7,368	0	0
Compositions—									
Amount transferred from Fund—									
35 Fellows deceased during the year	...	...	...	138	0	0			
471 Fellows at £2	...	...	...	942	0	0			
							1,080	0	0
Sales of Animals, &c.	...	...	...				428	11	8
Rent of Refreshment Rooms	...	...	...				1,000	0	0
Rents, Hanover Square	...	...	...				200	0	0
Admissions to Gardens...	...	...	...				17,469	6	4
Riding Receipts...	...	...	...				470	19	8
Sale of Official Guide and Postcards	...	...	...	1,255	10	4			
<i>Less</i> Expenses, Printing, &c.	...	...	...	360	16	1			
							894	14	3
Lavatories	...	...	...				72	8	1
Miscellaneous Receipts...	...	...	...				95	18	2
Income Tax recovered...	...	...	...				126	8	7
Carried forward	...	...	...				£30,421	6	9



# DITURE ACCOUNT.

31ST DECEMBER, 1905.

NARY.

## EXPENDITURE.

	£	s.	d.	£	s.	d.
Rent, Rates, Taxes and Insurance, Gardens ...				1,470	16	10
Charges under Licensing Act, 1904... ..				14	13	4
Rates, Taxes and Insurance, Office ... ..				323	13	0
Salaries, Gardens, Management and Keepers ...				4,356	8	10
Do. Office ... ..				1,573	18	6
Pensions, Gardens ... ..				260	0	0
Do. Office ... ..				752	0	0
Provisions, including Storekeeper's Wages (see Report page 32) ... ..				3,608	6	2
Cost and Carriage of Animals ... ..				1,124	11	6
Menagerie Expenses:—						
Coke ... ..	372	10	8			
Straw ... ..	280	15	5			
Water and Pumping ... ..	387	14	5			
Keepers' Uniforms ... ..	180	0	2			
New Cages and Seats ... ..	128	4	1			
Sand and Sawdust ... ..	124	6	6			
Medical Attendance ... ..	57	15	0			
Other Expenses ... ..	448	16	7			
				1,980	2	10
Prosectorium Expenses:—						
Salaries ... ..	633	10	0			
Alterations and Equipment of Laboratory ...	191	0	2			
Other Expenses ... ..	38	14	4			
				863	4	6
Maintenance of Buildings, Paths, &c., Gardens:—						
Wages ... ..	2,688	19	3			
Materials ... ..	1,212	2	8			
				3,901	1	11
Gardener's Expenses:—						
Wages ... ..	1,053	0	7			
Other Expenses ... ..	227	3	5			
				1,280	4	0
Repairs at Office ... ..				168	14	2
Advertisements ... ..				298	19	0
Band Expenses (net cost) ... ..				136	8	0
Fuel, Light, &c., at Superintendent's and Keepers' Houses and Offices at Gardens ... ..				322	13	1
House and Office Expenses, Hanover Square:—						
Wages of Housekeeper, Servants and Messengers	289	13	7			
Fuel, Light and Water ... ..	144	17	11			
Office Expenses and Postage ... ..	292	9	6			
				727	1	0
Carried forward ... ..				£23,162	16	8



*INCOME.*

	£	s.	d.
Brought forward ... ..	30,421	6	9

£30,421 6 9

**EXTRA**

	£	s.	d.
Balance being Extraordinary Expenditure carried to Balance Sheet ... ..	4,281	6	2
	<u>£4,281 6 2</u>		

**DAVIS**

	£1,900	<i>London and South Western Railway New</i>	
Dividends ... ..	£72	4	0
	<u>£72 4 0</u>		

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 15th, 1906.



## NARY.

*EXPENDITURE.*

	£	s.	d.	£	s.	d.
Brought forward ... ..				23,162	16	8
Stationery and Miscellaneous Printing ... ..				396	8	9
Cost of Publications ... ..	1,581	18	0			
<i>Less</i> Subscriptions and Sales ... ..	689	18	6			
				891	19	6
Cost of "Zoological Record" ... ..	849	4	9			
<i>Less</i> Subscriptions and Sales ... ..	£475	15	3			
Transfer from Davis Fund ... ..	72	4	0			
	547	19	3			
				301	5	6
Library Expenses:—						
Salaries ... ..	289	0	0			
Binding ... ..	120	13	10			
Other Expenses ... ..	5	12	6			
				415	6	8
Law Expenses ... ..				56	13	8
Interest on Loans ... ..				64	7	8
Balance being Excess of Ordinary Income over Expenditure carried to Balance Sheet ... ..				5,132	8	4
				£30,421	6	9

## ORDINARY.

	£	s.	d.
Works at Gardens:—			
Wages ... ..	626	6	0
Materials and Contracts ... ..	3,655	0	2
	£4,281	6	2

## TRUST FUND.

4 per cent. Preference Stock (Present Value at 120, £2,280.)

Payment to Editor of "Zoological Record" ... ..	£72	4	0
---	-----	---	---

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

HENRY MUNT ( <i>Chairman</i> ),	} <i>Committee of</i>
WALTER CROUCH.	
H. C. C. GIBBINGS.	
WILLIAM LATTA.	
D. F. MACKENZIE.	
JAMES F. UCHS.	
ATWOOD THORNE.	<i>Auditors.</i>

W. B. KEEN, *Chartered Accountant.*



MARY

STATEMENT

Received of Mary ...  
 the sum of ...  
 for ...  
 ...  
 ...  
 ...  
 ...  
 ...



ORDINARY

Received of ...  
 the sum of ...  
 for ...  
 ...

TRUST FUND

Received of ...  
 the sum of ...  
 for ...  
 ...

W. & A. Waterlow, Printers