



REPORTS  
OF THE  
COUNCIL AND AUDITORS  
OF THE  
ZOOLOGICAL SOCIETY  
OF LONDON,  
FOR THE YEAR 1925.

PREPARED FOR THE ANNUAL GENERAL MEETING,

TO BE HELD ON

THURSDAY, APRIL 29<sup>TH</sup>, 1926.

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PRINTED BY  
WATERLOW & SONS LIMITED,  
LONDON, DUNSTABLE & WATFORD.  
1926.

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## REPORT OF THE COUNCIL

*for the year ended 31st December, 1925.*

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### ANNUAL GENERAL MEETING.

1. The Ninety-seventh Annual General Meeting of the Society will be held on \*Thursday, April 29th, 1926, at 4 p.m., at the Offices of the Society, in the Gardens, Regent's Park, N.W.8.

#### 2. PROCEDURE AT THE ANNUAL GENERAL MEETING.

*(By-law, Chapter VIII., Sections 1 and 2.)*

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

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

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

No other business shall be transacted at such Meeting.

\* It is to be regretted that on a notice issued with the tickets, April 29th, 1926, was wrongly stated to be a Tuesday.

3. ROLL OF MEMBERS.—The number of Fellows and Fellows-Elect on January 1st, 1925, was 6,303, and on January 1st, 1926, was 6,809. In 1925, 796 Fellows were elected or re-admitted as compared with 876 in 1924.

	1924.	1925.
Compounders at £30 ... .. (Elected before Decr., 1906)	556	526
Compounders at £45 ... .. (Elected after Novr., 1906)	264	291
Compositions remitted ... ..	24	21
Paying annually £3 ... ..	5,180	5,672
Dormant (paying £1 since 1911)... ..	191	191
Do. subscriptions remitted... ..	11	13
* Admission Fees unpaid ... ..	77	95
	6,303	6,809

\* This entry relates almost entirely to Fellows elected at the December Meeting, who did not pay their dues until January, 1926.

4. FOREIGN MEMBERSHIP.—The following Corresponding Members were elected to fill the vacancies on the List in 1925 :—

Prof. Louis Dollo, Royal Museum of Natural History, Brussels, Belgium, and Dr. Johannes Schmidt, Carlsberg Laboratory, Copenhagen, Denmark.

5. CORRESPONDING MEMBERSHIP.—As described in the Annual Report for 1924 (Paragraph 5), the Society, on the initiation of Council, formed a new class of Corresponding Members, with the object of giving some of the privileges of the Society, at a reduced subscription, to professional zoologists, especially those holding junior posts out of London. Candidates must be recommended by two professional zoologists who are Fellows of the Society, and must be approved by the Council. They

are submitted to ballot in the ordinary way, and on election must pay their first annual subscription at the reduced rate of £1 1s., but are absolved from the usual admission fee. They have personal admission to the Gardens and Aquarium, and to the Scientific Meetings, and have the use of the Library, but cannot vote at General Meetings or serve on the Council or Ordinary Committees. When they have been Corresponding Members for five years they may become Fellows without ballot and without paying an Admission Fee, but on payment of the annual subscription of the ordinary Fellowship or the composition fee in lieu thereof. Candidates' proposal forms and full particulars may be obtained from the Office.

The rules for Corresponding Members of the original class have not been altered. Candidates, who must not be resident in Great Britain or Ireland, are selected by Council usually at the November Meeting, and are afterwards submitted to ballot. They are persons of British or Foreign nationality who are either Zoologists of distinction or have done the Society special service, or have otherwise assisted in promoting its objects.

6. NEW CORRESPONDING MEMBERS (*Division I., Residents Abroad*).—The following were elected to fill vacancies on the List:—

C. John Pym, Moliwe Plantation, Victoria, Cameroons.

Dr. Michael C. Grabham, Quinta do Val, Funchal, Madeira.

Dr. G. Kingsley Noble, American Museum of Natural History, New York, U.S.A.

John C. Phillips, Museum of Comparative Zoology, Harvard University, Cambridge, Mass., U.S.A.

Sir John Middleton, K.B.E., C.M.G., Governor of the Falkland Islands, Government House, Stanley, Falkland Isles.

Prof. Johan Hjort, Universitet, Oslo, Norway.

Stewart Shipton, Concepcion, Tucamen, Argentina.

The Ven. Archdeacon Archibald Shaw, Church  
Missionary Society, Malik, White Nile.

Dr. Walter F. Innes Bey, M.B.O.U., 6, Square Halim  
Pasha, Cairo, Egypt.

Dr. Othenio Abel, Professor of Palæontology in the  
University of Vienna, Vienna, Austria.

Monsieur Paul Pelseneer, Secrétaire perpétuel, Royal  
Academy of Belgium, Brussels, Belgium.

7. NEW CORRESPONDING MEMBERS (*Division II.,  
Professional Zoologists*).—The following were elected:—

John R. Baker, B.A.; Horace F. Barnes, B.A.;  
Norman J. Berrill, B.Sc.; Miss Ann Bishop, M.Sc.; Miss  
Kathleen E. Carpenter, B.Sc.; Miss Lettice M. Crump,  
M.Sc.; Gavin R. de Beer; Miss Nellie B. Eales, B.Sc.;  
Leonard Eastham, M.Sc.; Alan C. Gardiner, M.A.; A. J.  
Grove, B.A., D.Sc.; John R. W. Jenkins; H. B. Johnston,  
B.A.; Charles G. Lamb, M.A., Sc.D.; Reginald J. Lud-  
ford, Ph.D., B.Sc.; Edward P. Mumford, B.Sc.; Michael  
J. Nicoll; Miss Dorothy E. Thursby-Pelham; Frank A.  
Potts, M.A.; Frank Raw, B.Sc., F.G.S.; Kenneth M.  
Smith, M.Sc., A.R.C.S.; William M. Speight; James S.  
Thomson, M.Sc., Ph.D.; C. L. Walton, M.Sc., Ph.D.;  
Robert A. Wardle, M.Sc.; Miss Flora M. Winhurst, B.A.

8. LIST OF FELLOWS.—A revised edition will be pub-  
lished during the Summer of 1926. Any corrections  
should be sent to the Secretary before April 30th, 1926.

9. MEDALS.—No Medal was conferred in 1925.

10. SCIENTIFIC GRANTS.—The Council made a donation  
of £10 to the National Trust towards the preservation  
of Wicken Fen, and of £25 to the Society for the Protec-  
tion of the European Bison. In consideration of the great

assistance given by the British Marine Biological Association in planning and stocking the Aquarium, and of the services it renders to marine biology, a grant of £300 was made to the Association's Building Fund. A grant of £105 was made to the Building Fund of University College, London, to be applied towards the extension of the Zoological Department, last December, but the payment will come into the accounts of 1926. Life Composition Fees were paid on behalf of Major G. F. Mappin, son of the donor of the Mappin Terraces, and of Mr. W. N. C. van Grutten of the Engineering Firm of Sir Alexander Gibb and Partners, who advised on the engineering side of the Aquarium.

11. SCIENTIFIC MEETINGS.—The usual twelve meetings for scientific business were held. The Society's Rooms were also lent to a General Meeting of Professional Zoologists, the British Ornithologists' Union, the Avicultural Society, and the Society for the Protection of the Fauna of the Empire.

12. SCIENTIFIC PUBLICATIONS.—The *Abstract* was issued as usual. The *Transactions*, suspended during the war, have not been resumed, but the Council has given the Publication Committee power to re-open the *Transactions* for memoirs deemed of unusual scientific value and requiring quarto illustrations. Of the *Proceedings*, Part I, 1925, was issued on April 3rd, 1925; Part II on July 21st, 1925; Part III on October 27th, 1925; and Part IV on January 14th, 1926.

Among the papers published in the *Proceedings* was a valuable memoir on "Parasitism in the Cuckoos" (P.Z.S., 1925 pp. 639-667), by the Rev. F. C. R. Jourdain. The cost of the five beautiful coloured plates with which it was illustrated was provided by a grant of £100, authorised by Professor E. B. Poulton, F.R.S., F.Z.S., from a fund to promote the Study of Organic and Social Evolution, presented in his name to the University of Oxford by his friend Professor James Mark Baldwin.



In the following table are given the number of plates and pages of the *Proceedings* for the last ten years :—

		Plates.		Pages.
1916	..	22	..	756
1917	..	11	..	338
1918	..	3	..	310
1919	..	23	..	499
1920	..	19	..	656
1921	..	35	..	887
1922	..	57	..	1276
1923	..	15	..	1097
1924	..	68	..	1176
1925	..	51	..	1585

13. ZOOLOGICAL RECORD.—Volume 60, containing Records of the literature chiefly of 1923, was published on April 7th, 1925. Volume 61, dealing with the literature of 1924, was published on December 1st, 1925. Of its separate Divisions, General Zoology, Cœlenterata, Brachiopoda, Echinoderma, Prochordata and Pisces were published on October 20th, 1925; Mammalia, Arachnida and Insecta on October 21st, 1925; Aves, on October 28th, 1925; Protozoa, Porifera, Vermes, Crustacea and Reptilia on November 5th, 1925; Mollusca on November 10th, 1925; Lists of New Genera and of Abbreviations, on November 17th, 1925.

Thus, under the Editorship of Mr. W. L. Sclater, more progress has been made in accelerating the publication of the Annual Volumes. Volume 62 (Literature of 1925) is in active preparation.

14. ZOOLOGICAL RECORD: PRICES.—On account of the greatly increased cost of production it was found necessary to fix the price of the Annual Volumes, from Volume 58 onwards at £3 (or Subscription price, paid in advance, £2 10s.). As it is recognised that many individual workers do not require the whole volume, it has been arranged to sell the separate Divisions, in paper covers, at the following prices :—

## SEPARATE DIVISIONS.

	s.	d.
General Zoology .. .. .	3	0
Protozoa .. .. .	3	0
Porifera or Spongida .. .. .	2	6
Cœlenterata .. .. .	2	6
Echinoderma .. .. .	4	0
Vermes .. .. .	3	6
Brachiopoda and Bryozoa .. .. .	2	6
Mollusca .. .. .	5	0
Crustacea .. .. .	3	0
Trilobita, Arachnida, Myriopoda .. .. .	4	0
*Insecta .. .. .	15	0
(a) Titles and Subject Index .. .. .	4	0
(b) Coleoptera .. .. .	6	0
(c) Lepidoptera .. .. .	6	0
(d) Hymenoptera and Diptera .. .. .	4	0
(e) Hemiptera, Orthoptera, and re- maining Orders .. .. .	4	0
Prochordata .. .. .	2	0
Pisces .. .. .	3	6
Reptilia and Batrachia .. .. .	3	0
Aves .. .. .	7	6
Mammalia .. .. .	3	0
List of Abbreviations and Journals .. .. .	2	6
List of New Genera .. .. .	2	6

\* This and the Sub-sections are now published only by the Imperial Bureau of Entomology, 41, Queen's Gate, S.W. 7.

ZOOLOGICAL RECORD: FINANCE.—Beginning with Volume 59 (Literature of 1922), the Society undertook to continue responsibility for the Record, if our loss on each volume did not exceed the sum of £500. The loss on any volume cannot be ascertained until long after the responsibility has been incurred. Take as an example, the literature of 1925. The compilation must be undertaken during 1925 and the early months of 1926, and the printing during 1926. A proportion of the receipts in the form of subscriptions before publication should be received during 1926, but many of these, and the proceeds

of sales after publication will be received in the course of 1927. Moreover, no close estimate of the cost of printing can be made in advance, as it depends on the size of the volume, the output of literature, and the skill of the editor and recorders in compression. Similarly no close estimate of the receipts from sales and subscriptions can be made in advance. The present position is more favourable than was estimated, chiefly because the actual output of Zoological literature has not yet reached pre-war dimensions. It must also be borne in mind that the Recorders are not yet paid fees commensurate with the time occupied by their skilled work.

In the case of annual volumes, at any date that may be selected the accounts will show receipts from volumes already issued, subscriptions in advance for a volume not yet issued, payments or liabilities to editor, recorders, and searchers for a volume in course of compilation, and liabilities and payments to printers for a volume just issued or in course of compilation, or for both. This state of the finance of the Record will continue to exist even when, as it is hoped shortly will be the case, the volume dealing with the literature of one year is published in the following year, but until now it has been further complicated by arrears due to the War.

The Secretary of the Society, after consultation with the Society's accountant and professional auditors, has arranged for the information of donors to the Record to keep accounts of the Record, beginning with volume 59 (the first to which the Society received extraneous assistance), in the form of a "Zoological Record Fund" made up to the 31st of December each year. To this will be credited all receipts (subscriptions and sales) and donations, including the Society's own contribution of £500, and from it will be deducted the cost of compilation (Editor, Recorders, Searchers and other expenses), and printers' bills.

It is hoped that this "Fund" will before long show a balance sufficient to cover the cost of the next volume to be issued, providing as it were capital for the enter-

prise, and securing the Society from a loss greater than its own donation of £500. At present some of the assistance given to the Society comes as direct donations, and some in the form of "guarantees." It is now realised that guarantees are not a convenient means of assistance, as the liability on a guarantee cannot be ascertained for at least a year after the volume has been published, and two years after the Society has assumed responsibility for the volume. It is hoped, therefore, that Societies, Institutions and individuals who wish the Record to be maintained will give their assistance in the form of annual contributions to the "Record Fund."

State of "Record Fund" at 31st December, 1925.

	£	s.	d.	£	s.	d.
Balance from Vol. 59 (Annual Report, 1924, p. 12) ... ..				347	0	3
Donations to Vol. 60 as per list in Annual Report, 1924, pp. 12 & 13 ... ..	1,105	0	2			
New or increased donations to Vol. 60 :—						
Royal Canadian Institute (New) ... ..	5	2	5			
Linnean Society, N.S. Wales (New) ... ..	10	0	0			
Association of Economic Biologists ... ..	0	5	0			
Hawaiian Entomological Society ... ..	0	18	2			
	1,121	5	9			
Less amount promised, not yet paid ... ..	22	4	6			
				1,099	1	3
				1,446	1	6
Subscriptions to Vol. 60 to Dec. 31st ... ..	633	0	2			
Sales of Vol. 60 ... ..	336	19	0			
	969	19	2			
Cost of Vol. 60 (exclusive of Office Expenses) :—						
	£	s.	d.			
Letterpress ... ..	920	16	7			
Editor ... ..	200	0	0			
Recorders ... ..	345	0	0			
Searching Recorders ... ..	45	14	6			
Distribution ... ..	27	19	10			
	1,539	10	11			
Loss on Volume ... ..	569	11	9	569	11	9
Balance of Fund carried to Vol. 61 ... ..				£876	9	9

## VOL. 61.

	£	s.	d.	£	s.	d.
Balance from Vol. 60				876	9	9
Donations to Vol. 61 received :—						
Zoological Society of London	500	0	0			
Liverpool School of Tropical Medicine	5	5	0			
T. D. A. Cockerell	3	0	0			
British Ornithologists' Union	11	5	0			
S. Henshaw	10	0	0			
Dr. A. G. Hornyold	5	0	0			
British Association	35	0	0			
				569	10	0
				1,445	19	9
Subscriptions to Vol. 61 to Dec. 31st	458	18	10			
Sales of Vol. 61	155	6	0			
				614	4	10
Cost of Vol. 61 (exclusive of Office Expenses) :—						
	£	s.	d.			
Letterpress	1,001	8	7			
Editor	200	0	0			
Recorders	245	0	0			
Searching & Asst. Recorders	48	6	4			
Distribution	1	0	0			
Recorders' Cards	7	5	0			
				1,502	19	11
Loss on Volume 61				888	15	1
				557	4	8
Add amount received for late sales of Vol. 59 since last adjustment				92	4	2
Balance of Fund carried to Vol. 62...				£649	8	10

The following donations and promises have also been made towards the cost of Vols. 61 & 62 :—

## Vol. 61.

## Donations.

	£	s.	d.
British Ornithologists' Club	11	5	0
Conchological Society	2	2	0
Marine Biological Association	5	5	0
South African Biological Society	5	5	0
Geological Society	15	0	0
Dr. A. G. Hornyold...	5	0	0
Hawaiian Entomological Society	5	5	0
British Museum of Nat. Hist. (subject to Treasury sanction)	200	0	0

	£	s.	d.
Association of Economic Biologists ... ..	5	0	0
Quekett Microscopical Club ... ..	5	5	0
Royal Society of Tropical Medicine & Hygiene ... ..	5	0	0
American Entomological Society ... ..	10	5	5
<i>Guarantees.</i>			
Wellcome Bureau of Scientific Research ... .. up to	15	0	0
Entomological Society ... ..	50	0	0
Challenger Society ... ..	5	5	0
Linnean Society ... ..	25	0	0
<i>Vol. 62.</i>			
<i>Promises.</i>			
T. D. A. Cockerell ... ..	1	12	0
Dr. A. G. Hornyold ... ..	5	0	0
British Ornithologists' Union ... ..	11	5	0
British Ornithologists' Club ... ..	11	5	0
Association of Economic Biologists ... ..	5	0	0
Geological Society ... ..	15	0	0
Quekett Microscopical Club... ..	5	5	0
British Museum of Nat. Hist. (subject to Treasury sanction)	200	0	0
<i>Guarantees.</i>			
Entomological Society ... .. up to	50	0	0
Marine Biological Association ... ..	5	5	0
Challenger Society ... ..	5	5	0
Linnean Society ... ..	25	0	0

16. GARDEN GUIDE AND PICTURE POST CARDS.—The twenty-third edition of the Garden Guide was issued in 1925, and in the course of the year 46,651 copies were sold. Since 1904, when the Guide became the property of the Society, 1,147,745 copies have been sold. The twenty-fourth edition, revised, and with many new photographs, will be published about Whitsuntide. Of the Aquarium Guide 9,106 copies were sold in 1925, at sixpence each. Of picture post cards, 201,614 were sold in 1925.

17. EXCHANGE LIST.—A full list of the Institutions, etc., on the Exchange List of the Society's Publications was printed in the Report for 1902. Since that date the following additions have been made:—

- 1904. The Carnegie Museum, Pittsburgh, Pa., U.S.A.
- 1915. The University of Illinois, U.S.A.
- 1916. Ministry of the Belgian Colonies.
- Imperial Society of Naturalists, Petrograd (lapsed 1918).

1919. California Academy of Sciences, San Francisco, U.S.A.
1920. The Ministry of Agriculture, Department of Fisheries, Great Britain.  
Naturhistorisches Staatsmuseum, Vienna.  
The Straits Branch of the Royal Asiatic Society.
1921. The Philippine Journal of Science, Manila.
1922. Musée Zoologique de l'Université et de la Ville, Strasbourg.
1923. L'Institut Océanographique, Monaco.
1924. The Science Society of China, Nanking.  
Deutscher naturwissenschaftlich.-med. Verein für Böhmen.  
Société des Sciences Naturelles du Maroc.  
Société Neuchateloise des Sciences Naturelles.  
Royal Society of South Australia.
1925. L'Académie Polonaise des Sciences et des Lettres, Cracow, Poland.  
La Société des Naturalistes de Leningrad, Leningrad, Russia.  
Imperial College of Tropical Agriculture, Trinidad.

18. LIBRARY.—The Visitors' Book was signed by 587 Fellows and persons introduced by them, and 1,297 volumes were borrowed under the usual regulations.

The following is a list of the chief additions made to the Library during the past year:—

## PRESENTED.

<i>Donor.</i>	<i>Donation.</i>
BABAULT, GUY, F.Z.S.	Voyage de M. Guy Babault en Tunisie. Résultats Scientifiques. Oiseaux. By Louis Lavauden. 1924.
BARWICK, SIR JOHN S., BART., F.Z.S.	A Walk through the Zoological Gardens. By F. G. Aflalo. 1900.
BOUBIER, MAURICE	L'Evolution de l'Ornithologie. By M. Boubier. 1925.

- BRITISH MUSEUM,  
TRUSTEES OF THE
- British Antarctic (Terra Nova) Expedition, 1910. Zoology, Vol. VI, No. 2. 1924.
- Economic Series No. 2. Furniture Beetles. 2nd Edition. 1924.
- Fossil Insects, No. 1—British Liassic Dragon flies (Odonata). By R. J. Tillyard. 1925. No. 2—Insects from the Coal Measures of Commeny (France). By H. Bolton. 1925.
- Catalogue of the Recent Sea-Urchins (Echinoidea) in the Collection of the British Museum (Natural History). By H. Lyman Clark. 1925.
- Catalogue of the Type Specimens of Lepidoptera Rhopalocera in the British Museum (Natural History), Part II. Danaidae. By N. D. Riley and A. G. Gabriel. 1925.
- Index Animalium, Part IV. By C. Davies Sherborn. 1925.
- Report on Cetacea stranded on the British Coasts during 1923 and 1924. By Sir S. F. Harmer. 1925.
- BUTLER, A. L., F.Z.S. A Collection of Maps illustrating the Distribution of Game in the Soudan. 1901-1915.
- CAULLERY, MAURICE Histoire des Sciences Biologiques. By M. Caullery. 1924.
- CROWN AGENTS FOR THE COLONIES Report on Papers left by the late Major G. E. H. Barrett-Hamilton relating to the Whales of South Georgia. By Martin A. C. Hinton. 1925.
- DELACOUR, JEAN, F.Z.S. Recherches Ornithologiques dans la Province de Quangtri (Centre Annam) et quelques autres régions de l'Indochine. By J. Delacour et Pierre Jabouille.
- DONALDSON, HENRY H. The Rat Data and Reference Tables, 2nd Edition Revised. By H. H. Donaldson. 1925.
- DUNCAN, F. MARTIN, F.Z.S. Songs of the Birds. By W. Garstang. 1922.
- An Introduction to the Study of Heredity. By E. W. MacBride. 1924.
- Three Lithographic Drawings of the Society's Gardens in 1848. By F. W. Hulme.



- FLOWER, MAJOR S. S.,  
O.B.E., F.L.S., F.Z.S. A Collection of U.S.A. National Park  
Service Reports.
- HODGE, A. E., F.Z.S. The Amateur Aquarist. Edited by A. E.  
Hodge. Vol. I., Nos. 1-10. 1924.
- LEWIS, J. SPEDAN,  
F.Z.S. Nature at the Desert's Edge. By  
R. W. G. Hingston. 1925.
- LYNES, REAR-ADMIRAL  
HUBERT, C.B.,  
C.M.G., R.N., F.Z.S. The Ornithology of the Sous Territory  
of Southern Morocco (Memoires de la  
Société des Sciences Naturelles du  
Maroc. No. 13, Part I). By Hubert  
Lynes. 1925.
- MITCHELL, P. CHAL-  
MERS, C.B.E., F.R.S.,  
F.Z.S. The Migratory Springbucks of South  
Africa. By S. C. Cronwright  
Schreiner. 1925.  
A Monograph on the Tetraphyllidea  
with Notes on related Cestodes. By  
T. Southwell. 1925.
- MITFORD, MRS. E. L.  
OSBALDESTON A Collection of Water-colour Drawings  
of Ceylon Birds, etc. By the late  
Edward Ledwich Mitford.
- MOUQUET, ALFRED Animaux de Ménagerie. Notes de Path-  
ologie. By A. Mouquet. 1925.
- NEWSTEAD, R. Guide to the Study of Tsetse-flies. By  
R. Newstead. 1924.
- PEARSON, MESSRS.  
C. A., LTD. A Book about Birds. By E. L. Turner  
and R. Gurney. 1925.
- PORTIELJE, A. F. J.,  
C.M.Z.S. Mijn Aquarium. By A. F. J. Portielje.  
1925.
- RENSHAW, DR. GRAHAM,  
F.Z.S. British Earthworms and how to identify  
them. By H. Friend. 1924.  
Year Book of the Amateur Menagerie  
Club. 1924-1925.  
The Oologists Record. Vols. I-IV.  
1922-1924.  
Shots and Snapshots in British East  
Africa. By E. Bennet. 1914.
- ROULE, PROF. LOUIS,  
C.M.Z.S. Daubenton et l'exploitation de la nature.  
By L. Roule. 1925.
- VEVERS, DR. G. M.,  
F.Z.S. The Loyal Karens of Burma. By D.  
Mackenzie Smeaton. 1920.  
The Karen Leader. By S. Durmay Po  
Min. 1925.  
Five Lithograph Drawings by F. W.  
Hulme, showing the Society's Gardens  
in 1848.

- WHITE, A. E. HOLT      The Butterflies and Moths of Teneriffe.  
By A. E. Holt White. 1894.
- WILKIE, H. C.,      Exercitationes de Structura Viscerum.  
F.R.C.V.S., F.Z.S.      By Marcelli Malpighii. 1683.

## PURCHASED.

- ALDERSON (E. G.). Studies in Ampullaria. 1925.
- BOUVIER (E.-L.). Des Atyidés. 1925.
- CREW (F. A. E.). Animal Genetics; an Introduction to the Science of Animal Breeding. 1925.
- CUNNINGHAM (D. D.). Plagues and Pleasures of Life in Bengal. 1907.
- DAVIDSON (J.). A List of British Aphides. 1925.
- HUTTON (F. W.) and DRUMMOND (J.). The Animals of New Zealand. Fourth Edition, revised and enlarged. 1923.
- IMMS (A. D.). A General Text-book of Entomology. 1925.
- LEBOUR (M. V.). The Dinoflagellates of Northern Seas. 1925.
- MURPHY (R. C.). Bird Islands of Peru. 1925.
- OBERMAIER (H.). Fossil Man in Spain. 1924.
- PAULSON (O.). Crustacea Maris Rubri. Part I. Podophthalmata et Edriophthalmata (Cumacea). 1875.
- SÉGUY (E.). Les Moustiques de l'Afrique Mineure de l'Egypte et de la Syrie. 1924.
- SNODGRASS (R. E.). Anatomy and Physiology of the Honey Bee. 1925.
- WILLISTON (S. W.). The Osteology of Reptiles, 1925.
- YERKES (R. M.) and LEARNED (B. W.). Chimpanzee Intelligence and its vocal Expressions. 1925.
- ZITTEL (K. A. VON). Text-book of Paleontology. (New Edition, revised by Max Schlosser; English Translation revised, with Additions, by Sir Arthur Smith Woodward). Vols. I-III. 1913-1919.

Periodicals and Zoological Works in course of publication, of which parts were added to the Library for the first time during 1925 :—

- THORBURN (A.). British Birds, Vols. I-II.  
World List of Scientific Periodicals, Vol. I.

19. **CARD CATALOGUE.**—The Librarian and his Assistant have made further progress with the Subject Card Index of the Works in the Society's Library. The Cards for the Geographical (Zoological) Card Index have been completed, and several sections are now available for reference.

20. **CINEMATOGRAPH RECORDS.**—Mr. F. Martin Duncan and the operators of the British Instructional Film Co. Ltd., have taken a further series of records in the Gardens. Some of these records have been exhibited commercially through the British Instructional Film Co., Ltd., and under the agreement profits are accruing to the Society.

21. **PROSECTORIUM.**—The Council has to record, with deep regret, the death of Charles Frederick Sonntag, M.D., the Society's Anatomist since 1919. Dr. Sonntag, who died at the age of 38, was always of frail physique, and during the war contracted phthisis whilst on active service with the Royal Army Medical Corps in Salonika. He was an undaunted worker, and in the six years of his tenure of the post of Anatomist to the Society, he contributed 30 papers to our Scientific Proceedings, chiefly on Vertebrate Anatomy. He had made an enduring reputation as a comparative Anatomist, and in the opinion of those qualified to judge was increasing month by month in breadth of view. His death was a loss to the Society and to science.

The Council referred consideration of the future of the Anatomical post to the Prosectorial Committee, on the recommendation of which it was decided that it should be tenable for a period of three years, with a possible extension for two subsequent years but not for longer. The object of the change is to make the appointment more a Research Fellowship than a permanent post, and to make it possible that a succession of competent young anatomists should enjoy our unrivalled opportunities for research in vertebrate anatomy.

On the recommendation of the Prosectorial Committee, Council appointed to the post of Anatomist under the new

conditions, Dr. John Beattie, M.Sc., M.B., Demonstrator in the Anatomical Department at University College, University of London. Dr. Beattie was given permission, as in the case of the late Dr. Sonntag, to continue to hold his appointment at University College, so that he might keep in touch with an active School of Anatomy. Dr. Beattie assumed his duties on January 1st, 1926.

The Council also record their regret at the death, on July 14th, of Frank Evers Beddard, F.R.S., Prosector to the Society from 1884-1915, and Vice-Secretary 1898-1903.

22. ANATOMY.—Before his death, two memoirs by the late Dr. Sonntag were published in the Society's *Scientific Proceedings*, the first part of a study on the Anatomy of *Orycteropus afer*, and a twelfth and concluding memoir on the Tongues of Mammals. The second part of his Monograph on *Orycteropus*, written in conjunction with Dr. H. H. Woollard, was published posthumously. To within a few days of his sudden death, Dr. Sonntag continued his researches, and has left manuscripts in an advanced state of preparation. These have been entrusted to the Anatomical Department at University College.

Anatomical material was sent for research or for teaching to the following persons and institutions:—

Miss M. L. Hett, F.Z.S. (Bedford College for Women); Dr. W. E. Le Gros Clark, F.Z.S. (St. Barts.); Dr. H. H. Woollard (University College); Prof. G. Elliot Smith, F.R.S., F.Z.S. (University College); Prof. J. P. Hill, F.R.S., F.Z.S. (University College); Dr. J. Beattie, C.M.Z.S. (University College); Dr. Alister Mackenzie (College of Hygiene, Dunfermline); Prof. P. J. White, F.Z.S. (Zoological Dept., University College of Wales, Bangor); Dr. R. H. Hunter, F.Z.S. (Belfast); Dr. Lloyd Williams (128 Harley Street); Mr. R. H. Burne, F.Z.S. (Royal College of Surgeons); Dr. Kolinsky (University College); Dr. J. G. Turner, F.Z.S. (59, Wimpole Street); Mr. E. J. Fisher (11, Weighton Road, Anerley, S.E.); Dr. Neave (Royal Ophthalmic Hospital); Prof. Whitnall

(Canada); Mr. H. C. Malleson (Dentist, Hampstead); Miss E. M. Knobel, F.Z.S.; Mr. L. R. Brightwell, F.Z.S.; Lt.-Comdr. F. C. Cadogan, R.N., F.Z.S.

Specimens have also been sent to the British Museum (Nat. Hist.), the Museum of the Royal College of Surgeons, the National Museum of Wales and Tring Museum.

23. PATHOLOGY.—Dr. H. H. Scott reports:—

“The number of post-mortem examinations performed during the year was just 10 per cent less than in 1924. Among them, however, has been an exceptionally large proportion of subjects of pathological interest and importance. Several of these have been recorded from time to time in the quarterly reports to the Committee dealing with details of work carried out at the Prosectorium.

Demonstrations have been given and papers read at the Scientific Meetings:—

- (1) On certain Protozoal Parasites found in the Blood.
- (2) On an outbreak of Kangaroo disease—*Nocardiosis macropodidarum*—which proved fatal to several Bennett's Wallabies.
- (3) On a series of Renal Abnormalities met with in Mammals, Birds and Reptiles.

A lecture with a demonstration on blood parasites, based on the findings at the Prosectorium, was also given at the London School of Hygiene and Tropical Medicine.

In addition, investigations have been carried out on enteritis, which is responsible for a large proportion of deaths amongst all classes of animals in the Gardens. These investigations have resulted in the isolation of certain organisms which were the causes of some of the fatalities, notably *B. aertrycke*, a food-poisoning bacillus of the Salmonella group, which was isolated from twelve out of sixteen Hamadryas baboons. It is highly probable that one of these had arrived carrying the causative organism, and had spread it to some of its companions.

Another bacillus belonging to the same group was isolated from two Patas monkeys, which died from general septicæmia extending from the local intestinal inflammation.

A very fatal mycotic disease amongst Batrachians has been the subject of a prolonged research, and a detailed account of this is in the course of preparation together with photographs and microphotographs kindly taken by Mr. F. W. Bond and Mr. F. Martin Duncan to illustrate the pathological conditions produced.

Specimens of interest from the point of view of Comparative Pathology have been sent to the Museum of the London School of Hygiene and Tropical Medicine, where there is to be a separate department of Comparative Pathology when the School is opened.

The following have also received material:—Professor Elliot Smith, Prof. J. P. Hill, Prof. G. H. F. Nuttall (Cambridge), Dr. W. E. Le Gros Clark (London), Prof. White (Bangor), Prof. Whitnall (Toronto), Dr. Stanley Griffith (Cambridge), Dr. C. M. Wenyon, Dr. J. J. Simpson (Cardiff), Dr. Turner, Dr. Lloyd Williams, Dr. G. C. Low, Dr. Woollard, Dr. R. H. Hunter (Belfast), Dr. Alister Mackenzie (Dunfermline), L. R. Brightwell, Esq., Miss M. L. Hett (Bedford College), Miss Knobel, Dr. Kolensky (Prague), and others.”

24. Professor R. T. Leiper, F.R.S., reports:—“The animals dying in the Gardens during the past year, with the exception of rare specimens reserved by the Anatomist for morphological studies, have been examined by the Pathologist for parasitic entozoa and the material collected has been identified and reported upon periodically to the Prosectorial Committee. The identifications have been undertaken by a panel of parasitologists formed by the Staff and associated workers of the Institute of Agricultural Parasitology (Ministry of Agriculture), and the Helminthological Department of the London School of Hygiene and Tropical Medicine. The following have participated in the scheme:—T. W. M. Cameron, M.R.C.V.S.,

Ph.D., B.Sc., R. J. Ortlepp, M.A., Ph.D., F.Z.S., T. Goodey, D.Sc., D. O. Morgan, B.Sc., G. S. Thapar, M.Sc., Ph.D., R. T. Leiper, M.D., D.Sc., F.R.S., F.Z.S., Miss M. Triffitt, M.Sc., F.Z.S.”

25. SANATORIUM.—This was refitted in 1922 as a quarantine station and a hospital for the treatment of sick animals. It is in charge of Dr. Vevers, the Superintendent of the Gardens, who receives valuable advice from Professor Wooldridge, F.Z.S., Honorary Consulting Veterinary Surgeon to the Society, and from the Curators.

26. VISITORS TO THE GARDENS.—The total number of visitors to the Gardens in 1925 was 1,823,613, the second largest in the history of the Society. The following Tables give comparative figures :—

*Visitors to the Gardens.*

1916 .	1,084,249	1921 .	1,386,745
1917 .	898,758	1922 .	1,427,849
1918 .	855,477	1923 .	1,613,125
1919 .	1,515,042	1924 .	2,057,146
1920 .	1,590,642	1925 .	1,823,613

*Visitors on Bank Holidays.*

	1924.	1925.
Easter Monday .. ..	64,508	47,616
Whit Monday .. ..	49,953	56,894
First Monday in August ..	56,001	44,559
Boxing Day .. ..	4,837	4,644

*Visitors on Sundays and Week-days.*

	1924.	1925.
Sundays .. ..	201,025	196,993
Week-days .. ..	1,856,121	1,626,620

27. VISITORS TO THE AQUARIUM.—The total number in 1925 was 423,657, as compared with 567,936 in 1924, the year of opening.

*Visitors to the Aquarium.*

	1924.	1925.
Sundays .. .. .	48,436	48,784
Weekdays .. .. .	519,500	423,657
Easter Monday .. .. .	9,501	5,559
Whit Monday .. .. .	8,230	6,459
August Bank Holiday	7,744	4,997
Boxing Day .. .. .	1,187	1,176

28. ADMISSION TO THE GARDENS.\*—The Gardens are open daily throughout the year (except Christmas Day, when they are closed) from 9 a.m. until sunset, or 8 p.m., when sunset is later. The arrangements for admission are as follows :—

*Fellows.*—Every Fellow may enter with two visitors by signing his or her name in the Gate-Book, but is not entitled to admit more than two visitors in this way on the same day. The husband or wife of a Fellow may use this privilege in the absence of the Fellow, but both husband and wife may not admit visitors on the same day. Honorary, Foreign and Corresponding Members have personal admission only.

*Other Visitors.*—On SUNDAYS only when personally accompanied and signed for as above, or on presentation of tickets. Written messages or the visiting cards of Fellows cannot be accepted. On WEEK-DAYS, when personally accompanied and signed for as above; on presentation of tickets; or by payment. The prices for admission by payment are as follows :—

Mondays throughout the year, except Bank Holidays, 6d. each person.

Bank Holidays, 1s. each adult; 6d. each child under 12 years.

Other Days, except Sundays, 1s. each adult; 6d. each child under 12 years.

Infants in arms are admitted free.

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\* For Admission to the Aquarium see paragraph 41, page 36.



The following reduced prices for EXCURSION TICKETS for Parties on any fixed date (except Sunday) may be obtained upon application at the Society's Office. Should the date chosen for the visit to the Gardens be found unsuitable, the tickets, upon being returned, will be re-dated for another day during the year of issue.

<i>Adults.</i>	<i>Children under 14 Years.</i>
25 to 100 at 11d. each.	25 to 100 at 5d. each.
101 to 200 at 10d. each.	101 and upwards at 4d.
201 to 300 at 9d. each.	each.
301 and upwards at 8d. each.	

CHEAP ORDERS for the admission from 9 a.m. to 1 p.m. of Children from Elementary Council Schools on Tuesday, Wednesday, Thursday or Friday (except during Easter and Whitsun weeks) may be obtained for parties of not less than 25 Children and one Teacher at the rate of one penny each child and fivepence for each Teacher. There must be at least one Teacher to every 25 children. The Children, with their Teachers, must be out of the Gardens by 1 p.m. School orders admitting to the Aquarium on Tuesdays only between 9 a.m. and 11 a.m. are issued at the same price.

29. GARDENS' STAFF.—The Council records its regret at the death of Edward Ockenden, Assistant Superintendent, after a short illness. Ockenden, who was 73 years of age, had been more than 50 years continuously in the service of the Society. In 1873 he was brought from Charing Cross Hospital Medical School by A. H. Garrod, the Prosector. In 1907, after 34 years in the Prosectorium, during which period he had assisted many well-known Anatomists, and had taught a number of travellers the methods of making skins and preserving specimens, he was given a house in the Gardens and became Assistant to the Superintendent with general Supervision over the Keepers. His duties did not bring him into close connection with many of the Fellows, but he had rendered invaluable services to the Society. His widow was granted a pension.

The Council appointed Charles H. Hicks, Chief Assistant at the Prosectorium, to succeed Ockenden. Hicks has special knowledge and ability in the treatment of sick animals, and showed great competence on a recent journey to Singapore to bring home a collection of animals for the Society.

Miss L. E. Cheesman has ceased to be Curator of Insects. She was appointed Assistant Curator in May, 1917, as the Curator, the late Professor Lefroy, was prevented by War duties from giving sufficient time. In 1920, when Professor Lefroy became Honorary Curator, but continued to give advice and general supervision, Miss Cheesman was made Curator. In September, 1923, she was granted ten months' leave of absence, subsequently extended, as she wished to go on a collecting expedition. She returned to London in September, 1925, but declined the reappointment offered to her by Council for 1926. Mr. L. C. Bushby, who had acted as Curator with great efficiency during Miss Cheesman's two years' absence, was appointed on the usual year's probation.

No other changes of importance have taken place on the Staff.

30. GATEKEEPERS.—The opening of the Aquarium required the appointment of two additional gatekeepers, raising the permanent staff to seven. In addition, extra gatekeepers are taken on when required, and by arrangement with the Corps of Commissionaires, the same men are generally employed, so that a large number are familiar with the duties, and it is no longer necessary to take keepers from their duties in the Gardens for relief service at the gates.

31. GARDENING DEPARTMENT.—In spite of the bad weather in the early part of the year, the Gardening Staff, under the supervision of Mr. W. Wall, the head Gardener, provided an excellent succession of tulips in the Spring, and all through the summer months the beds in the main walk and flower gardens were a blaze of colour which lasted well on into September. The turf in all the aviaries and paddocks was renewed as usual in the early spring.

In addition to this routine work the portion of the Flower Garden opposite the main Refreshment rooms was remodelled and raised, and a new herbaceous border was formed in the place of an unsightly shrubbery. A privet hedge was planted along the south side of the Outer circle, so as to screen the Gardens from the road. This was in continuance of a scheme started in 1924, when a similar hedge was planted along the north side of the circle.

The south bank of the Canal from the east bridge to the Elephant House was cleared of shrubs, and planted with three thousand golden spur daffodils, the gift of the President.

32. SPECIAL WORKS.—It will be remembered that in last year's Report, several items of work were mentioned which were to be carried out in 1925. All of these were completed early in the year.

*Roads.*—All the roads in the Middle Garden were resurfaced with tarmacadam suitable for heavy traffic.

*Band-Stand and Tea Pergola.*—These were completed and proved satisfactory, the Band-stand giving even an excess of resonance. The experiment is to be made this season of lessening the volume of sound directed towards the Tea Pavilion by hanging transparent curtains.

*Cloak Room and Tea Bars.*—The old Tea Bar near the North entrance was fitted up to give accommodation for parcels or wraps deposited by visitors, and a new Tea and Light Refreshment Bar was erected near the Owls' Aviary to replace it. The dilapidated Tea Bar in the Middle Garden opposite the Parrot House was replaced by a new and more commodious structure.

*Monkey Hill.*—A large rockwork enclosure 100 feet long by 60 feet wide was constructed on the triangular piece of ground behind the Mappin Terraces. There are two masses of rock, enclosing cave shelters for a troop of 80 Hamadryas Baboons which were turned out on the rocks in early spring. Inside the caves are large cages with wooden shelves which are warmed from below by electric

radiators and lighted from above by quartz incandescent electric lamps. Some of the outside rocky ledges are also warmed electrically and lighted by quartz lamps which can be turned on when the weather is dull. This rocky island is entirely surrounded by a ditch 12 feet deep and 18 feet wide, across which the baboons cannot jump.

The rockwork was carried out by Messrs. Pulham and Son in accordance with a model designed by Miss J. B. Procter. This new feature was a great attraction to visitors throughout the year, and it has opened up a corner of the Gardens which was formerly very little frequented.

*Experimental Monkey House.*—In the Garden improvements scheme outlined in last year's Report, mention was made of a new Apes' and Monkeys' House to be erected when space was available and funds would permit. Before embarking on the construction of a large and expensive building such as this would entail, the Council thought it advisable to make an experiment over a period of two or three years on a small scale, so as to ensure an installation as perfect as possible in every detail for the housing of all the Primates from Anthropoid Apes to the most delicate Marmoset.

For this purpose a full-size model representing three sections of the proposed new Ape and Monkey House was erected on the piece of ground adjoining the Monkey Hill. This house consists of an inside and an outside run of cages with floors of different materials, all of which can be heated by steam to any desired temperature. Above all the cages, both inner and outer, are groups of quartz incandescent lamps under strong reflectors. These lamps are similar to those in use on the Monkey Hill, and are permeable to ultra-violet rays. A supply of "artificial sunlight" is thus provided for the Monkeys during the dull winter days. The Society is indebted to Mr. J. Spedan Lewis, F.Z.S., a member of Council, for a generous donation to defray the cost of the experimental plant.

One small Orang-utan, some African Monkeys and a number of very delicate Marmosets from Tropical South

America were chosen as the first inmates. These have now been in the house for upwards of a year, and the results have been most promising. Further observations are to be made, but it already seems clear that the combination of cold fresh air, warmed shelves and radiant light and heat will provide the most suitable conditions for most kinds of Apes and Monkeys in this climate. If some benefactor would provide the large sum required, the construction of an Ape and Monkey House might be undertaken at an early date.

33. ORDINARY WORKS.—The following are some of the more important items of maintenance and repairs which have been carried out in the Gardens during the year by the Works Staff under the careful supervision of Mr. W. Ball, Clerk of Works to the Society, who is to be congratulated on the excellent way in which the work has been executed.

#### *North Garden.*

PHEASANTRY.—The roofs of the outside aviaries of the Pheasantries have been re-wired throughout.

NORTH MAMMAL HOUSE.—Another of the outside end cages of this house was heightened for the reception of a collection of Gibbons.

CIVETS' HOUSE.—This house was put in thorough repair. The show cages were lined with green tiles to a height of four feet, and the exterior was rough-cast.

ROADS.—The road along the North Bank was tarred and topped with granite chippings in the early summer.

#### *Middle Garden.*

SMALL MAMMAL HOUSE.—The outside cage accommodation in this house has been enlarged. All the existing cages have been raised to the level of the eaves of the house, and an extra cage has been provided at the north end for the South American monkeys.

CANAL BANK AVIARY.—This large aviary has been re-wired, new shelters have been made to replace old ones, and the whole painted and put in good repair.

HIPPOPOTAMUS HOUSE.—The pond for the large Hippos inside the house has been made shallower in anticipation of the birth of a young animal this summer.

*South Garden.*

New shelters, replacing old unsightly boxes, kennels, etc., have been made and placed in the following positions:—Raccoons' enclosure, Lion House Paddocks, Summer Aviary and Three Island Pond.

The following have been re-wired:—Wolves' Dens (south side), Three Island Pond, Kites' Aviary, Lion House Paddocks.

EASTERN AVIARY.—Sundry repairs to the roof have been effected, and a new boiler installed to replace one which had worn out.

AQUARIUM.—Two concrete tanks were made in the Tropical Breeding Room to rear water-weeds. A partition was built between the boiler and the engine room to prevent dust and grit from getting into the engines.

A mess room and stores were partitioned off under the Mappin Terraces for the electricians and stokers.

Provision was made for five new small sea-water tanks in the sea-water hall of the Aquarium.

The Aquarium was painted throughout.

SANATORIUM.—The entire building, including the operating theatre, pharmacy stores, etc., was thoroughly cleaned, disinfected with blow-lamps and repainted throughout.

34. MISCELLANEOUS WORKS. DRAINAGE.—The drain from the main Refreshment Rooms was relaid as it had been in a bad state of repair for some time. Several other large drains in different parts of the Gardens were renewed, and many old gulleys and cracked man-hole covers were replaced.

**DUNG-POUND.**—The ramp at the Dung-pound Yard was rebuilt, and a crane capable of lifting two tons was erected. A high wall was built to screen the yard from the public in the gardens and was fitted with a large pair of sliding gates.

**DRINKING FOUNTAINS.**—Four public Drinking Fountains which had been dismantled were re-erected at various points in the Gardens.

**WORK FOR GARDENERS' DEPARTMENT.**—The lower terrace of the Propagating Department was lengthened, and four more frames erected to increase the accommodation for bedding-out plants.

A spring-cart was made by the Society's carpenters to suit the requirements of the Head Gardener.

**STABLES.**—The Stables in the Works Yard were re-roofed and put in good repair.

**RESERVOIRS.**—One of the main reservoirs was cleaned, relined with bitumastic enamel, and covered with rubberoid roofing.

**OFFICES.**—An extra lavatory and rest room for the Office Staff has been constructed in the basement of the Offices.

A fireproof operator's box has been erected in the Meeting Room for the cinematograph projector.

**ELECTRICAL FITTINGS.**—Under the direction of Mr. H. P. Davolls, the Society's Electrician, electric lighting and power have been installed in the garage and Works Department. A temporary cable has been run to the Reptile and Tortoise Houses, and ultra-violet lamps have been fixed over the Tropical Lizard enclosure. This has made it possible to keep these delicate creatures alive and well through the winter for the first time in the history of the Society.

**WATER SUPPLY.**—The amount of water pumped from the new deep well has averaged 30,000 gallons per day. This, and other steps which have been taken to save water wastages have reduced the amount of water supplied by the Metropolitan Water Board during the last quarter

of the year by 3,000,000 gallons. There seems no doubt that the well will ensure a sufficient supply of water for the Gardens should a severe drought occur, as was the case in 1921, when the Water Board was forced to cut down their supply to the Gardens.

35. SPECIAL WORKS FOR 1926.—In prosecution of the policy of carrying out much of the constructional and repairing work in the Gardens during the winter months, when least inconvenience is caused to visitors, the Council arranged the programme of special 1926 works in the course of 1925, giving final sanction at the November Meeting, when the financial results of the year were known approximately. The very unsettled weather of December, 1925, and January, 1926, delayed progress, but it is hoped that the following will be completed or far advanced by the date of the Annual Meeting:—

*Roads.*—The larger part of the remaining area in the South Garden is being re-surfaced with tarmacadam. In the normal course all the roads and paths in the Gardens will have undergone this treatment by the end of 1928, to the great comfort of visitors and the staff.

*North Gate Extension and Ladies' Lavatory.*—The North Gate has become inadequate for the number of visitors on busy days. Three additional pairs of turnstiles are being provided. The Ladies' Lavatory is being rebuilt in an improved form. The opportunity has been taken to widen the path from the Canal Bridge to the Rodent House.

*Tunnel Bar.*—The Refreshment Bar in the Old Tunnel, which was unsatisfactory and caused congestion in the traffic, has been removed. It is being replaced by a more commodious building on the slope facing the Kangaroo Paddock, and the north approach to the tunnel is being widened.

*Ladies' Lavatory, South Garden.*—A new Ladies' Lavatory is being constructed in the South Garden, in the bank near the Tortoise House.



*Lion House Roof.*—The roof over the public portion of the Lion House had been in a bad state of repair for some time. On the north side the slates, which were crumbling away, have been removed and replaced by Poilite tiles. On the south side the three false gables have been removed and the whole roof glazed with "Vitaglass" which is permeable to the ultra-violet rays of the sun. All the windows in the House and alternate roof-lights have been made to open. The whole of the interior and exterior has been cleaned, painted and distempered.

*Re-Seating the Meeting Room.*—The Meeting Room has been re-seated and re-arranged. The old benches, formerly in the Hanover Square house, have been replaced by chairs with folding seats, and the lantern-screen and Chairman's dais have been placed in a more convenient position.

36. GARDENS IMPROVEMENT SCHEME. NEW REPTILE HOUSE.—A great step has been taken towards the Gardens Improvement Scheme, described on pp. 33 *et seq.* of the Report for 1924. The Monkey Hill and Experimental Monkey House having been completed, the Council felt justified by the financial position in giving the order for the construction of the New Reptile House. A sketch plan had been prepared by Miss Joan B. Procter, the Curator of Reptiles, with assistance from the other Officers of the Society, and after study of the installations in other Gardens. This was further elaborated by the Garden Committee, and then given as a general instruction to Mr. E. Guy Dawber, President of the Royal Institute of British Architects. Mr. Dawber's plans were accepted in December, tenders were received before the end of January, 1926, and the construction was begun in February. It is expected that it will be opened in 1927.

The site, as already stated, extends from the Apes' House, the lower part of which will be incorporated, to the Summer Aviary. The interior, so far as possible, will be lighted on the Aquarium principle, and there will

be adequate provision for heating, ventilation, "artificial sunlight" and service.

The next stage in the Improvements Scheme is the transformation of the shell of the present Reptile House into a House for Small Birds, and provision for other birds in that part of the Gardens. A Sub-Committee of the Garden Committee is working out the details. The third stage, the provision of a new house for all the Apes and Monkeys, must await the very large sum of money it will require.

37. BAND.—The Band of the 65th (8th London) Field Brigade, Royal Artillery, has again been engaged for the season. It will play on Saturday and Sunday afternoons from May 29th, 1926 to August 29th, 1926, inclusive.

The Fellows' Pavilion is inadequate on Saturday and Sunday afternoons. The experiment was made in the Summer of 1925 of reserving the New Tea Pavilion for Fellows on these days. This gives accommodation to a very much larger number of Fellows, and appears to suit the general convenience of Fellows, although the change was disliked by some who had been accustomed to the older arrangement.

38. REFRESHMENT DEPARTMENT.—The Accounts have been audited, as usual, by Messrs. Edward Moore & Sons. The gross profits for 52 weeks to Sept. 26th, 1925, amounted, after feeding the Staff, to £38,908 1s. 8d. The working expenses for the same period amounted to £17,393 5s. 3d., leaving a trading profit of £21,514 16s. 5d. After making the usual allowances for rent, depreciation, and licence duties, etc., and allotting the receipts from the lavatories on the same lines as last year, deducting the Manager's salary and percentage, and providing for the cost of replacing the Elephant Bar and Rodent House Bars, there was a net profit to the Society amounting to £14,319 0s. 9d. Of that amount, the sum of £319 0s. 9d. was allotted to repaying the Works Department for work carried out at the Refreshment Rooms. The balance of £14,000 0s. 0d. has been carried forward, but out of this

£2,800 must be reserved towards the payment of Income Tax, Schedule D. At the request of the Council, the Committee of Auditors appointed in January, 1925, held a special meeting to audit the accounts of the Refreshment Department. The results of their investigations have been incorporated in the accounts of the Society for the current year.

39. AQUARIUM.—The Aquarium continues to work well from the technical side, the heating, lighting, circulating, filtering and aerating plants proving satisfactory. Dr. Stowell, the Aquarium Research Fellow, has employed himself chiefly in investigating the chemical and physical changes in the water. The results of his work have been published in the *Scientific Proceedings* of the Society. They show by comparison with fresh sea-water that the natural conditions pertaining to the sea are closely reproduced and maintained in the Aquarium, a conclusion that has received practical confirmation from the success of the marine life and freedom from epidemics in the tanks. A refrigerating plant was installed to keep the sea-water from rising too high in temperature during the Summer months, and five small tanks have been added to the sea-water hall. The collection received many notable additions.

40. AQUARIUM: REVENUE AND MAINTENANCE.—The Aquarium income, from gate money, sale of tickets to Fellows and interest on the Reserve Fund amounted to £16,286 0s. 6d. in 1925, and the cost of maintenance was £7,853 12s. 3d.

41. AQUARIUM: RULES FOR ADMISSION.—Experience continues to show that some restrictions on admission to the Aquarium are necessary, apart from finance, to prevent the crowded state from spoiling the pleasure of visitors. In 1925, Fellows were allowed to take two visitors with them on Sundays, and the result of this concession was that the proportion of Sunday to Week-day visitors was greater than in the year of opening. If all visitors to the Gardens on Sundays were also admitted

to the Aquarium, the Fellows' day would be spoiled. Fellows are to retain their privilege of taking two visitors personally with them on Sundays, but if they desire to admit or to send others, they must purchase tickets from the Office in advance for them. The rules for admission to the Aquarium are as follows:—

On Sundays, admission is restricted to Fellows who come in person and two friends whom they may take in with them, and to persons for whom they have purchased Aquarium tickets in advance at 1s. each, but Fellows are specially requested in the general interest to use this privilege sparingly.

Fellows may also purchase Aquarium ivory tickets for the sum of £10, valid for the duration of the Fellowship, and admitting two persons to the Aquarium on any day, Sunday or Week-day.

On Week-days Fellows have free personal admission; all others must be provided with Aquarium tickets or pay at the Aquarium turnstile 1s. each for adults, and 6d. each for children under 12, except on Mondays, not Bank Holidays, when the price will be 6d. for everyone. On Bank Holidays the price for adults is 1s. each and for children under 12, 6d. each.

42. MENAGERIE.—The collection of Animals has been more than restored to the pre-war level, and in many sections is finer than ever before. The Society is indebted to many Fellows, Corresponding Members, and Private Donors, to Institutions, Societies and Shipping Companies for gifts or assistance in transport. Specially to be mentioned in respect of 1925, are H. E. Captain C. H. Armitage, F.Z.S., Governor of the Gambia, Dr. Thomas Barbour, C.M.Z.S., of Harvard University, U.S.A., Mrs. E. B. Carter, F.Z.S., of Madeira, Mr. C. Boden Kloss, F.Z.S., and the Raffles Museum, Singapore, the Bombay Natural History Society, and the Zoological Society of Calcutta, Mr. W. G. Stirling, F.Z.S., of Singapore, Messrs. Alfred Holt & Co., the Union Castle Steamship Company, and the British India Steam Navigation Co., through Messrs. Gray, Dawes & Co.

The health of the collection has been good, and the care given to sanitation is having a marked effect. The complete replacement of fresh milk by condensed milk has notably reduced tuberculosis. The results of the application of radiant light and heat are promising.

43. COMMISSARIAT.—In the following table are given the quantities of the principal kinds of food, etc., consumed in the Gardens in 1925:—

Class.	Description.	Number or Quantity.
Fodder, etc....	Hay ... ..	157 tons.
" ...	Clover ... ..	108 tons.
" ...	Straw ... ..	73 tons.
" ...	Tares ... ..	9,175 bundles.
" ...	Chaff ... ..	6 tons 16 cwts.
" ...	Peat-Moss Litter ...	70 bales.
Grain, etc. ...	Oats ... ..	860 qtrs.
" ...	Bran ... ..	141 qtrs.
" ...	Wheat ... ..	43½ qtrs.
" ...	Wheat-Mixture ...	57½ qtrs.
" ...	Barley Meal ... ..	12 cwts.
" ...	Maize ... ..	20 qtrs.
" ...	Locust Beans ... ..	74 cwts.
" ...	Rice ... ..	106 cwts.
" ...	Canary Seed ... ..	19 qtrs.
" ...	Hemp Seed ... ..	9¼ qtrs.
" ...	Millet ... ..	6½ qtrs.
" ...	Oatmeal—coarse ...	56 lbs.
" ...	Sunflower-seed ...	9¾ qtrs.
" ...	Quaker oats ... ..	608 lbs.
Fish ...	Plaice ... ..	1 ton, 2 cwts.
" ...	Cod ... ..	2 tons, 10 cwts. (Walrus only).
" ...	Herrings and Whiting	41 tons, 6 cwts.
" ...	Shrimps ... ..	1,825 pints.
Flesh ...	Horses ... ..	441 or approx. 220½ tons.
" ...	Goats ... ..	135.
Milk ...	Condensed—Sweetened	7,488 tins.
" ...	" Unsweetened	7,104 tins.
Nuts ...	Spanish... ..	156 lbs.
" ...	Monkey ... ..	8¾ cwts.
" ...	Brazil ... ..	104 lbs.
Fruit and vegetables	Bananas ... ..	251,882.
"	Apples ... ..	6 tons, 6½ cwts.
"	Grapes ... ..	2 tons.

Class.	Description.	Number or Quantity.
Fruit and vegetables	Oranges ... ..	20,469.
	Dates ... ..	13 $\frac{3}{4}$ cwts.
	Currants ... ..	7 cwts.
	Tomatoes ... ..	4 $\frac{1}{2}$ lbs.
	Lettuce... ..	19,748.
	Greens ... ..	2,179 bushels.
	Cress ... ..	366 bunches.
	Carrots ... ..	6 tons, 6 cwts.
	" ... ..	2,499 bunches.
	" ... ..	28 $\frac{1}{2}$ tons.
	" ... ..	6 cwts.
	" ... ..	11 $\frac{1}{2}$ tons.
	Miscellaneous	Biscuits ... ..
Biscuit meal ... ..		8 tons, 2 cwts.
" Melox " ... ..		55 cwts.
Mellin's Food ... ..		14 pots.
Rock Salt ... ..		15 cwts.
Treacle ... ..		744 lbs.
Honey ... ..		53 lbs.
Bread ... ..		1,445 qtrns.
Eggs ... ..		23,425.
Oil-cake ... ..		18 cwts.
Sugar ... ..		7 lbs.
Ant-eggs ... ..		468 lbs.
Mealworms ... ..		250 lbs.

## 44. NUMBERS OF THE COLLECTION.

*Animals in the Gardens on December 31st, 1925.*

Animals of all kinds (except Fish and Invertebrates) on January 1st, 1925 .. .. .	3,236
Animals of all kinds (except Fish and Invertebrates) received in 1925 by presentation, exchange, deposit, purchase or birth .. .. .	1,955
	5,191
Animals of all kinds (except Fish and Invertebrates) dead, sold, sent in exchange, or returned to depositors in 1925 .. .. .	1,875
Animals of all kinds (except Fish and Invertebrates) in the Gardens on December 31st, 1925 .. .. .	3,316

*Additions to the Collection, 1923-1925.*

	Presentation	Purchase.	Deposit.	Exchange.	Birth.	TOTAL.
1923 ..	1,067	578	613	46	281	2,585
1924 ..	1,041	404	225	91	291	2,052
1925 ..	1,004	516	195	50	190	1,955

## 45. ANIMALS BRED DURING 1925.

*Mammals.*

Jan. 20.	1	Blackbuck ( <i>Antilope cervicapra</i> ), reared.
Mar. 7.	1	Hog Deer ( <i>Axis porcinus</i> ), reared.
April 1.	5	Prairie Marmots ( <i>Cynomys ludovicianus</i> ), reared.
April 2.	4	Indian Dholes ( <i>Cyon deccanensis</i> ), 2 died, 2 reared.
April & May.	10	Fat-tailed Desert-Mice ( <i>Pachuromys dupresi</i> ), reared.
April 8 & 16.	4	Nylghaies ( <i>Boselaphus tragocamelus</i> ), reared.
April 15. & May 10 & 21.	6	Barbary Sheep ( <i>Ammotragus lervia</i> ), reared.
Aug. 8.	1	Bennett's Wallaby ( <i>Macropus bennetti</i> ), reared.
April 20.	1	Bennett's Wallaby ( <i>Macropus bennetti</i> ), reared.
April 6 & 23.	4	Mouflon ( <i>Ovis musimon</i> ), reared.
May 3.	4	Mouflon ( <i>Ovis musimon</i> ), reared.
June 3.	4	Mouflon ( <i>Ovis musimon</i> ), reared.
April 28.	1	Golden Agouti ( <i>Dasyprocta aguti</i> ), reared.
April & Sep.	24	Shaw's Gerbilles ( <i>Meriones shawi</i> ), reared.
May 1.	1	Dama Wallaby ( <i>Macropus eugenii</i> ), reared.
May 2 & 28.	2	Sambur Deer ( <i>Rusa unicolor</i> ), reared.
May 19.	1	Axis Deer ( <i>Axis axis</i> ), reared.
May 22.	1	Maholi Galago ( <i>Galago maholi</i> ), reared.
May 25.	2	Virginian Deer ( <i>Odocoileus virginianus</i> ), reared.

- May 29. } 2 Persian Gazelles (*Gazella subgutturosa*),  
 June 12. } reared.  
 May 30. 1 Reindeer (*Rangifer tarandus*), reared.  
 June 3 { 3 Hybrid Caucasian and Himalayan Ibexes  
 & 8. { (*Capra cylindricornis* and *C. sibirica*),  
 reared.  
 June 4. 1 Californian Sea Lion (*Otaria californiana*),  
 reared.  
 June 12. 1 Long-tailed Porcupine (*Acanthion longi-  
 cauda*), reared.  
 June 28. }  
 July 10, } 4 Thar (*Hemitragus jemlaicus*), reared.  
 17 & 22. }  
 July 5. 1 Indian Muntjac (*Muntiacus muntjac vagin-  
 alis*), reared.  
 July 12. 1 Kiang (*Equus kiang*), reared.  
 July 18. 1 Wapiti Deer (*Cervus canadensis*), reared.  
 Aug. 16. 3 Spotted Mongooses (*Mungos auro-punctatus*),  
 reared.  
 Aug. 19. 1 Eland (*Taurotragus oryx*), reared.  
 Aug. 26. 1 American Bison (*Bison americanus*), reared.  
 Sep. 1. 1 Lion Cub (*Felis leo*), died when 3 weeks old.  
 Sep. 2. 1 Hippopotamus (*Hippopotamus amphibius*),  
 died at birth, weight 90 lbs.  
 Sep. 10. 8 Coucha Rats (*Otomys coucha*), reared.  
 Sep. 16. 1 Llama (*Lama glama*), reared.  
 Sep. 17. 1 Brush-tailed Porcupine (*Atherura macrura*),  
 reared.  
 Sep. 19. 1 Puma (*Felis concolor*), reared.  
 Oct. 15. 6 Black Rats (*Rattus rattus*), reared.  
 Oct. 21. 1 Rhesus Macaque (*Macacus rhesus*), reared.  
 Oct. 26. 1 Thamin Deer (*Cervus eldi*), reared.  
 Nov. 13. 4 Pigmy Mice (*Leggada musculoides*), reared.  
 Dec. 25. 1 Lechwe Antelope (*Cobus leché*), reared.

#### Birds.

- April 1. 2 Black-footed Penguins (*Spheniscus demer-  
 sus*), reared.  
 April 1. 5 Silver Gulls (*Larus novæ-hollandiæ*), reared.  
 April 17. 4 Greater Black-backed Gulls (*Larus marinus*),  
 reared.



- May & } 15 Budgerigars (*Melopsittacus undulatus*),  
 July. } reared.
- June 10. 1 Silver Pheasant (*Gennæus nycthemerus*),  
 reared.
- June 10. 1 Peacock Pheasant (*Polyplectron chinquis*),  
 reared.
- June 26. 3 Triangular-spotted Pigeons (*Columba guinea*),  
 reared.
- June & } 40 Amherst Pheasants (*Chrysolophus amhers-*  
 July. } *tiae*), reared.
- June & } 8 Golden Pheasants (*Chrysolophus pictus*),  
 July. } reared.
- June & } 5 Siamese Fire-back Pheasants (*Diardigallus*  
 July. } *diardi*), reared.
- July 22. 2 Carolina Ducks (*Lampronessa sponsa*), reared.
- July 22. 1 Mandarin Duck (*Æx galericulata*), reared.
- Sep. 6. 1 Sacred Ibis (*Ibis æthiopica*), reared.
- Sep. 13. 3 Australian Wild Duck (*Anas superciliosa*),  
 reared.
- Oct. 2. 1 Californian Quail (*Lophortyx californica*),  
 reared.
- Oct. 2. 3 Black Tanagers (*Tachyphonus rufus*), reared.
- Oct. 2. 1 Orange-headed Ground-Thrush (*Geocichla*  
*citrina*), reared.
- Nov. 5. 10 Blue Budgerigars (*Melopsittacus undulatus*),  
 reared.

## 46. LIST OF SPECIES NEW TO THE COLLECTION IN 1925.

(The figures placed before each name indicate its approximate position in the Vertebrate List.)

## I.—MAMMALS.

- 256 b. *Pteropus papuanus* Pet. and Doria. Papuan Fruit-Bat.  
 S.E. New Guinea.  
 a. Purchased, November 19th, 1925.
- 356 c. *Dobsonia magna* Thos. Fruit Bat.  
 S.E. New Guinea.  
 a-b. Purchased, November 19th, 1925.

- 490 a. *Dinomys branickii* Peters. Paca-rana.  
*Hab.* Peru.  
 a. Presented by Herbert Whitley, F.Z.S.,  
 June 10th, 1925.
- 714 a. *Manis pentadactyla* Hodgs. Chinese Pangolin.  
*Hab.* China.  
 a. Presented by H. E. Sir Reginald Stubbs,  
 K.C.M.G., F.Z.S., July 3rd, 1925.

## II.—BIRDS.

- 22 a. *Cossypha humeralis* A. Smith. White-shouldered  
 Robin-Chat.  
*Hab.* South Africa.  
 a-b. Deposited, July 21st, 1925.
- 106 a. *Oriolus auratus* Vieill. African Golden Oriole.  
*Hab.* Gambia.  
 a. Presented by Dr. E. Hopkinson, C.M.G., D.S.O.,  
 F.Z.S., July 17th, 1925.
- 112 a. *Laniarius atrococcineus* (Burch). Crimson-breasted  
 Shrike.  
*Hab.* South Africa.  
 a-b. Deposited, July 21st, 1925.
- 284 a. *Sporophila grisea* (Gm.) Greyish Finch.  
*Hab.* South America.  
 a-c. Presented by Godfrey H. Williams, F.Z.S.,  
 July 1.
- 323 a. *Poliospiza gularis* (Smith). Streaky-headed Seed-  
 eater.  
*Hab.* South Africa.  
 a. Presented by Miss L. M. St. A. Wait, F.Z.S.,  
 Sept. 23rd, 1925.
- 399 d. *Spreo pulcher* (P. L. S. Müll). Beautiful Spreo.  
*Hab.* Gambia.  
 a-b. Presented by Dr. E. Hopkinson, C.M.G.,  
 D.S.O., F.Z.S., July 17th, 1925.
- 414 c. *Cosmopsarus regius* Reichenow. Royal Starling.  
*Hab.* Abyssinia.  
 a-b. Presented by Alfred Ezra, O.B.E., F.Z.S.,  
 April 21st, 1925.

- 429 a. *Astrarchia stephaniae* Finsch and Meyer. Princess  
Stephanie's Bird of Paradise.  
*Hab.* South East New Guinea.  
a. Purchased, November 19th, 1925.
- 560 e. *Coracias abyssinicus* Bodd. Abyssinian Roller.  
*Hab.* Abyssinia.  
a. Deposited, Jan. 28th, 1925.
- 560 f. *Coracias cyanogaster* (Cuv.) Blue-breasted Roller.  
*Hab.* Gambia.  
a. Presented by Dr. E. Hopkinson, C.M.G., D.S.O.,  
F.Z.S., July 17th, 1925.
- 576 a. *Chotorhea javensis* (Horsf.). Javan Great-billed  
Barbet.  
*Hab.* Java.  
a. Presented by Capt. H. S. Stokes, F.Z.S.,  
November 28th, 1925.
- 579 b. *Cuculus solitarius* Steph. Solitary Cuckoo.  
*Hab.* Uganda.  
a. Presented by Mrs. Leslie Seth-Smith, Mar. 21st,  
1925.
- 585 a. *Centropus superciliosus* Hempr. and Ehr. White-  
eyebrowed Coucal.  
*Hab.* East Africa.  
a. Presented by Jean Delacour, F.Z.S., Sep. 8th,  
1925.
- 587 a. *Rhopodytes tristis* (Less.). Green-billed Cuckoo.  
*Hab.* India.  
a. Presented by J. Spedan Lewis, F.Z.S., Dec.  
24th, 1925.
- 591 b. *Turacus donaldsoni* Sharpe. Donaldson's Touracou.  
*Hab.* Abyssinia.  
a-b. Presented by Capt. H. S. Stokes, F.Z.S.,  
April 21st, 1925.
- 604 b. *Lorius lory jobiensis* A. B. Meyer. Jobie Lory.  
*Hab.* Island of Jobie.  
a. Deposited, Feb. 21st, 1925.
- 720 c. *Amazona lilacina* (Less.). Lesson's Parrot.  
*Hab.* Ecuador.  
a. Purchased, Feb. 28th, 1925.

- 856 a. *Athene noctua bactriana* Blyth. Hutton's Owl.  
*Hab.* Bushire, Persian Gulf.  
 a-e. Presented by C. E. Capito, O.B.E., F.Z.S.,  
 October 16th, 1925.
- 856 b. *Athene spilogastra* (Heugl.) Abyssinian Little Owl.  
*Hab.* Abyssinia.  
 a-b. Deposited, December 30th, 1925.
- 1379 b. *Ammoperdix griseogularis* (Brandt). Grey-throated See-see Partridge.  
*Hab.* Bushire, Persian Gulf.  
 a. Presented by C. E. Capito, O.B.E., F.Z.S.,  
 Oct. 16th, 1925.
- 1553 c. *Cursorius temmincki* Swains. Temminck's Courser.  
*Hab.* South Africa.  
 Presented by J. Spedan Lewis, F.Z.S., July 21st,  
 1925.
- 1560 a. *Stephanibyx coronatus* (Bodd.). Crowned Lapwing.  
*Hab.* South Africa.  
 a-d. Purchased, July 21st, 1925.

### III. REPTILES.

- 7 a. *Cinosternum bauri* Garman. Musk Turtle.  
*Hab.* North America.  
 a. Presented by Dr. Thomas Barbour, C.M.Z.S.,  
 June 6th, 1925.
- 30 a. *Cistudo major* Agassiz. Box Turtle.  
*Hab.* North America.  
 a. Presented by Dr. Thomas Barbour, C.M.Z.S.,  
 June 6th, 1925.
- 156 d. *Dracaena guianensis* Daud. Guiana Dragon.  
*Hab.* Guianas.  
 a-d. Purchased, May 9th, 1925.
- 161 a. *Sceloporus graciosus* B. and G. Brush Swift.  
*Hab.* California.  
 Purchased, July 17th, 1925.
- 170 b. *Ophisaurus koellikeri* Gthr. Koelliker's Glass-snake.  
*Hab.* Morocco.  
 Presented by H. Powell, Aug. 7th, 1925.

- 171 a. *Gerrhonotus multicarinatus* (Blainville). Plated Lizard.  
*Hab.* Lower California.  
 Purchased, July 17th, 1925.
- 201 a. *Lacerta mosorensis* Kolombatović. Mosorian Lizard.  
*Hab.* Dalmatia, Herzegovina.  
 Presented by Dr. St. J. Bolkay, Aug. 20th, 1925.
- 277 a. *Tropidonotus sipedon sipedon* (Linné). N. American Water Snake.  
*Hab.* North America.  
 a. Presented by Dr. Thomas Barbour, C.M.Z.S., June 6th, 1925.
- 318 a. *Lycophidium semicinatum* Dum. et Bibr. African Wolf Snake.  
*Hab.* Gambia.  
 a. Presented by H. E. Capt. C. H. Armitage, C.M.G., D.S.O., F.Z.S., July 19th, 1925.
- 378 a. *Enhydrina valakadien* Boie. Sea Snake.  
*Hab.* Indian Ocean.  
 Presented by A. A. L. Flynn, C.M.Z.S., Aug. 7th, 1925.
- 419 a. *Crotalus mitchelli* (Cope). Mitchell's Rattlesnake.  
*Hab.* California.  
 a. Purchased, July 17th, 1925.
- 420 a. *Crotalus oreganus* Holbrook. Oregon Rattlesnake.  
*Hab.* North America.  
 a. Presented by Dr. Thomas Barbour, C.M.Z.S., June 6th, 1925.

#### IV. BATRACHIANS.

- 4 a. *Rana pipiens* Schreber. Leopard Frog.  
*Hab.* North America.  
 Presented by Miss Doris Cochran, U.S. National Museum, Washington. Dec. 18th, 1925.
- 13 e. *Rana macrodon* Kuhl. Big-toothed Frog.  
*Hab.* Malay States.  
 a. Presented by W. G. Stirling, F.Z.S., June 5th, 1925.

- 16 a. *Dendrobates tinctorius* Schn. South American Poison Frogs.  
*Hab.* Costa Rica.  
*a-i.* Presented by John D. Gordon, F.Z.S., June 28th, 1925.
- 56 a. *Arthroleptis minutus* Blgr. Minute Frogs.  
*Hab.* Gambia.  
*a-f.* Presented by H. E. Capt. C. H. Armitage, C.M.G., D.S.O., F.Z.S., July 19th, 1925.
- 72 b. *Amblystoma macrodactylum* Baird. Big-Toed Salamander.  
*Hab.* Western United States.  
 Presented by the American Museum of Natural History, Aug. 15th, 1925.
- 74 a. *Spelerpes longicauda* (Green) Long-tailed Spelerpes.  
*Hab.* New York to Missouri.  
 Presented by the American Museum of Natural History, New York, Aug. 15th, 1925.

#### V. FISHES.

(In this list is included all the species new to the collection since April 4th, 1924, the date of the opening of the Aquarium.)

- 9 a. *Cichlasoma festivum* Heckel. Barred Cichlid.  
*Hab.* South America.  
*a.* Purchased, Jan. 3rd, 1925.
- 9 b. *Cichlasoma aureum* Gthr. Golden Cichlid.  
*Hab.* South America.  
*a-c.* Presented by L. W. Hawkins, April 4th, 1924.
- 9 c. *Hemichromis bimaculatus* Gill. Red Cichlid.  
*Hab.* North and West Africa.  
*a-h.* Presented by L. W. Hawkins, April 4th, 1924.
- 9 d. *Haplochromis strigigena* Pfeffer. Mouthbreeder.  
*Hab.* North East and East Africa.  
*a-f.* Purchased, April 4th, 1924.

- 9 e. *Tilapia microcephala* Bleeker. Small-headed Cichlid.  
*Hab.* West Africa.  
 a. Presented by J. R. Shattock, April 4th, 1924.
- 9 f. *Crenicichla lepidota* Heckel. Banded Cichlid.  
*Hab.* South America.  
 a. Purchased, April 4th, 1924.
- 9 g. *Sargus vulgaris* Geoffr. Sheepshead.  
*Hab.* Coast of Madeira.  
 a-b. Presented by Mrs. E. B. Carter, F.Z.S., April 27th, 1925.
- 9 h. *Glyphidodon luridus* Broussonet. Castanet Fish.  
*Hab.* Coast of Madeira.  
 a-x. Presented by Mrs. E. B. Carter, F.Z.S., April 27th, 1925.
- 9 i. *Scatophagus argus* L. Argus Fish.  
*Hab.* South East Asia.  
 a-b. Purchased, May 20th, 1925.
- 12 a. *Sebastes maderensis* Lowe. Scorpion Fish.  
*Hab.* Coast of Madeira.  
 a-f. Presented by Mrs. E. B. Carter, F.Z.S., April 27th, 1925.
- 17 a. *Dormitator maculatus* Bloch. Fresh-water Goby.  
*Hab.* Central and South America.  
 a-f. Purchased, March 3rd, 1925.
- 18 a. *Trigla gurnardus* L. Grey Gurnard.  
*Hab.* British Seas.  
 a-p. Purchased, June 25th, 1925.
- 18 b. *Trigla hirundo* L. Sapphirine Gurnard.  
*Hab.* British Seas.  
 a-x. Purchased, May 21st, 1924.
- 24 a. *Anarrhicas lupus* L. Wolf Fish.  
*Hab.* British Seas.  
 a-b. Presented by The Ministry of Agriculture and Fisheries, April 4th, 1924.
- 27 a. *Osphromenus olfax* Cuv. Common Gurami.  
*Hab.* South East Asia.  
 a-d. Purchased, April 30th, 1925.

- 28 a. *Ctenops vittatus* Cuv. Croaking Gurami.  
*Hab.* S.E. Asia.  
 a-f. Purchased, April 4th, 1924.
- 29 a. *Apogon imberbis* L. Cardinal Fish.  
*Hab.* Coast of Madeira.  
 a-k. Presented by Mrs. E. B. Carter, F.Z.S., June 29th, 1925.
- 30 a. *Amphipnous cuchia* Ham. and Buch. Indian Snake Fish.  
*Hab.* India.  
 a. Presented by Basanta Kumar Das, June 1st, 1924.
- 32 a. *Labrus bergylta* Ascan. Ballan Wrasse.  
*Hab.* British Seas.  
 a-p. Purchased, April 4th, 1924.
- 34 a. *Coris geofredi* Risso. Burrowing Wrasse.  
*Hab.* Coast of Madeira.  
 a-h. Presented by Mrs. E. B. Carter, F.Z.S., April 27th, 1925.
- 34 b. *Julis turcica* Risso. Swallow-tailed Wrasse.  
*Hab.* Coast of Madeira.  
 a-r. Presented by Mrs. E. B. Carter, F.Z.S., April 27th, 1925.
- 40 a. *Zeus faber* L. John Dory.  
*Hab.* British Seas.  
 a-d. Purchased Sept. 6th, 1924.
- 44 a. *Pleuronectes limanda* L. Dab.  
*Hab.* British Seas.  
 a-k. Purchased, April 4th, 1924.
- 44 b. *Pleuronectes microcephalus* Donovan. Lemon Sole.  
*Hab.* British Seas.  
 a-f. Purchased, April 4th, 1924.
- 49 a. *Pimelodus maculatus* Lac. Spotted Catfish.  
*Hab.* Eastern South America.  
 a-d. Purchased, April 4th, 1924.
- 49 b. *Callychthys callychthys* L. Armoured Catfish.  
*Hab.* Brazil.  
 a-c. Purchased, April 4th, 1924.



- 55 a. *Salmo namaycush* Penn. American Lake Trout.  
*Hab.* North America.  
*a-g.* Presented by F. G. Richmond, Nov. 11th, 1924.
- 56 a. *Astyanax fasciatus* Cuv. Ghost Fish.  
*Hab.* Mexico.  
*a-g.* Purchased, April 4th, 1924.
- 56 b. *Pseudocorynopoma doriae* Perugia. Dragon-Finned Fish.  
*Hab.* River Amazon.  
*a-b.* Purchased, April 4th, 1924.
- 56 c. *Pristella riddlei* Meek. X-Ray Fish.  
*Hab.* Venezuela and British Guiana.  
*a-x.* Purchased, April 4th, 1924.
- 56 d. *Hyphessobrycon bifasciatus* Ellis. Blushing Fish.  
*Hab.* Rio de Janeiro.  
*a-t.* Purchased, April 7th, 1924.
- 56 e. *Copeina arnoldi* Regan. Jumping Fish.  
*Hab.* Brazil.  
*a-d.* Purchased, April 4th, 1924.
- 56 f. *Ctenobrycon spilurus* Cuv. and Val. Knife Fish.  
*Hab.* River Amazon.  
*a-k.* Purchased, April 4th, 1924.
- 56 g. *Tetragonopterus fasciatus* Cuv. Scarlet-Eyed Fish.  
*Hab.* South America.  
*a-r.* Purchased, April 4th, 1924.
- 56 h. *Aphyocharax rubropinnis* Pappenheim. Red-tailed Fish.  
*Hab.* La Plata.  
*a-t.* Purchased, April 4th, 1924.
- 59 a. *Luceoperca sandra* Cuv. Pike-perch.  
*Hab.* Europe.  
*a-x.* Purchased, Oct. 25th, 1924.
- 62 a. *Mollienisia sphenops* Cuv. and Val. Reticulated Fish.  
*Hab.* Central America.  
*a-p.* Purchased, April 4th, 1924.

- 62 b. *Mollienisia velifera* Regan. Sail-Finned Fish.  
*Hab.* Southern North America.  
*a-l.* Purchased, April 4th, 1924.
- 62 c. *Limia arnoldi* Regan. Haiti Fish.  
*Hab.* Haiti.  
*a-f.* Purchased, Feb. 28th, 1925.
- 66 a. *Barbus ticto* Ham. and Buch. Two-Spotted Barbel.  
*Hab.* South East Asia.  
*a-h.* Purchased, April 4th, 1924.
- 66 b. *Barbus chola* Ham and Buch. Blotched Barbel.  
*Hab.* South East Asia.  
*a-f.* Purchased, April 4th, 1924.
- 66 c. *Barbus lateristriga* Cuv. and Val. Inky Barbel.  
*Hab.* Singapore.  
*a-h.* Purchased, April 4th, 1924.
- 66 d. *Danio analipunctatus* Blgr. Spotted Zebra Fish.  
*Hab.* South East Asia.  
*a-r.* Purchased, April 4th, 1924.
- 79 a. *Amphiprion percula* Lacép. Light-Blue and Orange  
 Coral Fish.  
*Hab.* Coral Reefs of the E. Indian Archipelago.  
*a-d.* Purchased, March 5th, 1925.
- 79 b. *Amphiprion ephippium* Bloch. Red Coral Fish.  
*Hab.* Coral Reefs of the E. Indian Archipelago.  
*a-f.* Purchased, March 28th, 1925.
- 79 c. *Dascyllus aruanus* L. Black and White Fish.  
*Hab.* Coasts of Tropical East Africa and Asia.  
*a-f.* Purchased, March 28th, 1925.
- 89 a. *Tetrodon fluviatilis* Ham. and Buch. Ball Fish.  
*Hab.* South East Asia.  
*a-b.* Purchased, Jan. 8th, 1925.
- 89 b. *Tetrodon spengleri* Bloch. Puffer Fish.  
*Hab.* Coast of Madeira.  
*a.* Presented by Mrs. E. B. Carter, F.Z.S., April  
 27th, 1925.
- 91 a. *Acipenser ruthenus* L. Sterlet.  
*Hab.* East Europe.  
*a.* Presented by Capt. J. A. M. Vipan, F.Z.S.,  
 April 4th, 1924.

- 91 b. *Lepidosteus osseus* L. Fresh-Water Gar-Fish.  
*Hab.* North America.  
*a-e.* Presented by The New York Aquarium,  
 April 4th, 1924.
- 94 a. *Raia batis* L. Common Skate.  
*Hab.* British Seas.  
*a-g.* Purchased, April 4th, 1924.
- 94 b. *Raia clavata* L. Thornback Ray.  
*Hab.* British Seas.  
*a-b.* Purchased, April 4th, 1924.
- 94 c. *Trygon pastinaca* L. Sting Ray.  
*Hab.* British Seas.  
*a.* Purchased, Nov. 9th, 1925.
- 94 d. *Squatina angelus* Dum. Monk Fish.  
*Hab.* British Seas.  
*a-g.* Purchased, April 4th, 1924.

## 47. LIST OF DONORS.

- H.M. THE KING. 1 African Elephant, 2 Chapman's Zebras.
- H.R.H. THE DUCHESS OF YORK. 2 White-tailed Colobus Monkeys.
- BEDFORD, H. G. The Duke of, K.G., F.R.S., President Z.S., 1 Swamp Deer.
- ABBOTT, Miss S. 1 Alexandrine Parrakeet.
- ADAM, Mrs. H., F.Z.S. 2 Yellow Budgerigars.
- ALLEN, Mrs. Charles. 1 Algerian Tortoise.
- ALLEN, Mr. Ned. 1 Montagu's Harrier.
- ANDERSON, Mrs. 1 Tovi Parrakeet.
- ANDREWS, Mr. Leslie. 1 Ring-necked Parrakeet.
- APPELBE, Capt. E. U. 1 Abyssinian Cercopitheque.
- ARMITAGE, H. E. Capt. C. H., C.M.G., D.S.O., F.Z.S. 3 Patas Cercopitheques, 2 Green Cercopitheques, 2 Servals, 1 Ashy Jackal, 1 Marsh Mongoose, 4 Black Rats, 6 Pigmy Mice, 2 House Mice, 3 African Porcupines, 1 Sing-Sing Water-Buck, 4 Harnessed Antelopes,

2 African Wart-Hogs, 5 Rufous-necked Weavers, 3 Marabou Storks, 5 Triangular-spotted Pigeons, 3 Barbary Turtle-Doves, 1 African Palm-Dove, 1 White-backed Vulture, 1 White-eared Scops Owl, 2 Spinose Lizards, 1 Nilotic Monitor, 4 Senegal Chameleons, 2 Rufescent Snakes, 1 African Wolf-Snake, 1 Hissing Sand-Snake, 1 Cape Viper, 6 Minute Frogs, 6 Square-marked Toads, 1 Bell's Cinixys, 2 Nilotic Crocodiles.

- ASPINALL, Mrs. Algernon E., F.Z.S. 1 Toco Toucan.  
 ASTLEY, Mrs. Hubert D. 1 Vinaceous Parrot.  
 ASTOR, Major The Hon. J. J., M.P., F.Z.S., 2 Rheas.  
 BAILEY, Lt.-Col. F. G. 1 Bornean River-Turtle.  
 BAILEY, Mr. Jas. 1 Indian Great Reed-Warbler.  
 BAILY, Mr. W. Shore, F.Z.S. 1 Nacurutu Eagle-Owl,  
 1 Bengal Eagle-Owl.  
 BALASH, Mr. J. 2 Spectacled Cayman.  
 BARBOUR, Dr. Thomas, C.M.Z.S. 1 Box Turtle, 1 Musk Turtle, 6 Painted Terrapins, 1 Oregon Rattlesnake, 1 Red Rattlesnake, 1 Milk Snake, 1 Ring-necked Snake, 2 Black Snakes, 1 Snapping Turtle, 3 King-Snakes, 1 Corn Snake, 2 Chicken Snakes, 1 Coach-whip Snake, 1 Black Snake, 1 False Mocassin, 2 De Kay's Snakes, 1 North American Water-Snake, 1 Speckled Terrapin, 1 Boyle's King-Snake, 6 Brown Newts.  
 BARNETT, Dr. Burgess, C.M.Z.S. 2 Yellow-spotted Lizards.  
 BARRATT, Mr. S. G. R., F.Z.S. 1 Common Fox.  
 BARRON, Mrs. S. B. 1 Purple-faced Langur.  
 BARTER, Miss Beryl. 1 Common Waxbill.  
 BASSET, Mrs. S. 1 Little Owl.  
 BATTYE, Miss Ida A. 1 Blue-bearded Jay.  
 BEARE, Mrs. O'Sullivan. 1 Common Marmoset.  
 BELL, Miss B. 1 Greater Sulphur-crested Cockatoo.  
 BELL, Mr. Hyslop. 1 Tantalus Cercopitheque, 1 Striped Hyæna.

- BELLAIRS, Mr. Adrian ffarington. 1 Cananina Snake, 1 Fer-de-Lance.
- BENNETT, Mr. James, F.Z.S. 1 Blackcap, 2 Nightingales, 1 Blackbird, 1 Song-Thrush.
- BERRILL, Mr. W. J. 2 Red-crested Cardinals.
- BINNING, Mrs. H. F. 1 Blue-fronted Parrot.
- BLACKETT, Miss. 1 Shaw's Gerbille.
- BOLKAY, Dr. St. J. 1 Mosorean Lizard.
- BOWLEY, Miss D. 1 Bullfinch.
- BOWRA, Mr. R. W. 1 Woodcock.
- BRAY, Mr. W. J. 1 Blue-fronted Amazon.
- BRINTON, Mr. Cecil C. 1 Brown-and-White Snake.
- BRITISH GUIANA SECTION, BRITISH EMPIRE EXHIBITION.  
1 Crested Curassow.
- BROOM, Dr. Robert, F.R.S., C.M.Z.S. 1 Lobed Chameleon.
- BROWN, Mrs. A. E. 1 Ring-tailed Lemur.
- BRUCE, Sir Michael, Bt. 2 Raccoons.
- BUCHANAN, Mr. G. B. 2 Cheetahs, 2 African Hunting Dogs.
- BUCHANAN, Mr. W. G. 4 Fennec Foxes.
- BUNTON, Mr. G. 1 Puffin.
- BURCH, Mr. C. R. 1 Little Owl.
- BURROUGHES, Miss Dorothy, F.Z.S. 2 Java Sparrows.
- BURTON, Miss Grace M. 1 Alexandrine Parrakeet.
- BUTLER, Mrs. 1 Coot.
- BUXTON, Mr. E. Hugh. 1 Common Duiker.
- CALDECOTT, Miss M. 1 Budgerigar.
- CARISBROOKE, The Marquess of. 1 Roseate Cockatoo.
- CARLIN, Miss. 2 Tawny Owls.
- CAPITO, Mr. Charles E., O.B.E., M.Inst.C.E., F.Z.S. 3 South Persian Chukar Partridges, 1 Grey-throated See-see Partridge, 2 Great Eagle-Owls, 1 Barn Owl, 5 Hutton's Owlets, 2 Booted Eagles, 3 Transcaspian Sparrows.
- CASSELS, Mr. J. B., M.B.E. 1 Red-and-Blue Macaw, 1 Blue-and-Yellow Macaw.
- CAWLEY, Mrs. J. D. 1 Chinese Painted Quail.

- CHAMBERLAIN, Mr. Hector. 1 Brazilian Tortoise.
- CHAMBERLAIN, Mr. N. N. 1 Rhesus Macaque.
- CHAPLIN, Mrs. H. A. 1 Brown Capuchin.
- CHAPMAN, Mr. G. Bruce, F.Z.S. 1 Bengal Pitta, 1 Shama, 1 Red-cheeked Scimitar Babbler, 2 Guiana Parrotlets, 1 Negro Tamarin, 6 Grey-headed Lovebirds, 1 Dusky Parrot, 1 Red-vented Parrot, 1 Verreaux's Amethyst Starling, 2 Montezuma Quails, 1 Argentine Flamingo, 1 Swainson's Lorikeet, 1 Black-crested Yellow Bulbul, 2 Black Pies, 1 Virginian Cardinal, 2 Saw-scaled Vipers.
- CHARLES, Mr. F. M. 1 Common Marmoset.
- CHARLOT, Mr. André E. M., F.Z.S. 1 Sooty Mangabey.
- CHILL, Mrs. 1 Algerian Tortoise.
- CHURCHILL, Mr. G. P. 3 Hairy-footed Jerboas, 3 Egyptian Jerboas.
- CLARK, Miss J. R. 1 Senegal Parrot.
- CLARKE, Dr. P. S. Selwyn-. 1 Bay Duiker.
- CLARKE, Mrs. Stanley, F.Z.S. 1 Maholi Galago, 3 Hairy-footed Jerboas, 1 Common Fox.
- CLARKE, Mr. W. J., F.Z.S. 1 Ocellated Sand Skink, 1 Green Singing Finch.
- COCHRAN, Miss Doris M. 12 Leopard Frogs, 2 Cricket Frogs.
- COCKS, Mrs. R. M. 1 Senegal Parrot.
- CONNELL, The Executors of the late Mrs. 1 King Parrakeet, 1 Rosella Parrakeet, 1 Bauer's Parrakeet, 3 Hybrid Parrakeets, 1 Red-collared Lorikeet.
- COOK, Mrs. 1 Common Macaque.
- COOK, Mrs. J. 1 Bare-eyed Cockatoo.
- COOKE, Mr. Percy. 1 Green Cercopitheque.
- COOPER, Mr. G. P. 2 Cactus Conures.
- COTESWORTH, Mrs. J. S. 1 Alexandrine Parrakeet.
- COTT, Mr. G. H. B. 1 Madeira Wall-Lizard.
- COTTON, Mr. W. B., I.C.S., F.Z.S. 1 Brazilian Tortoise, 1 Indian Eryx.

- CRAIG, Mr. Robert C. 1 Carrion-Crow.
- CUNDALL, Mr. Frank. 2 Short-tailed Hutias.
- CURZON, The Hon. Mrs. 2 European Tree-Frogs.
- DALY, Major C. K., C.I.E. 2 Marica Gazelles.
- DARGE, Mrs. Beryl C. 1 Malayan Palm-Civet.
- DAVIS, Mr. W. 1 Ring-necked Parrakeet.
- DELACOUR, Monsieur Jean, F.Z.S. 1 Blue-crowned Hanging Parrakeet, 1 Ceylonese Hanging Parrakeet, 1 Blue-and-Yellow Tanager, 1 White Eye-browed Coucal, 1 Great Barbet, 2 Jendaya Conures, 2 Restless Cavies.
- DELYSIA, Miss Alice. 1 Mona Cercopitheque.
- DILLON, Lt.-Col. S. S. Hill-. 1 Tiger.
- DE VON & Co., Messrs. 2 Black-headed Gulls.
- DONAGHUE, Mr. J. J. 1 Lesser Sulphur-crested Cockatoo.
- DONISTHORPE, Mr. Horace St. J., F.Z.S. 1 Moorish Gecko.
- DUPREE, Mr. Charles. 1 Common Macaque.
- DYOTT, Mr. G. M. 1 Humboldt's Saki, 1 Ocelot, 1 Anaconda.
- EZRA, Mr. Alfred, O.B.E., F.Z.S. 2 Kashmir Deer, 2 Himalayan Ibexes, 1 Urial Sheep, 1 Llama, 4 Common Foxes, 1 Mahali Weaver-bird, 2 Royal Starlings, 2 Nicobar Pigeons.
- FAITHFULL, Mr. F. C. 1 Roseate Cockatoo.
- FARLEY, Mr. S. G. 3 African Civets.
- FAULKNER, Mrs. H. 1 Banded Squirrel.
- FEHR, Mr. J. 1 Bullfinch.
- FERNAU, Mrs. N. 1 Common Marmoset.
- FINNY, Mr. E. G. B. 1 Red Squirrel.
- FISH, Mrs. 1 Roseate Cockatoo.
- FLYNN, Mr. A. A. L., C.M.Z.S. 2 Sea-Snakes.
- FOSTER, Miss Barbara. 2 Orange Weaver-birds.
- FOY, Miss Maxine. 2 Moloch Lizards.
- FRASER, Mrs. E. 2 Ring-necked Parrakeets.
- FULLER, Miss Jean. 1 Common Toad.
- GARDNER, Miss A. 2 Budgerigars.

- GARNETT, Capt. P. 1 Bonnet Macaque.
- GERARD, Miss Teddie. 2 Alligators.
- GINGOLD, Mr. C. 1 Superb Glossy Starling.
- GOLDING, Mrs. 1 Flap-necked Chameleon.
- GOLDSMITH, Mr. St. Barbe. 2 Tawny Owls.
- GOODFELLOW, Mr. Walter, F.Z.S. 1 Burton's Legless Lizard.
- GOODWIN, Miss A. 1 Greater Sulphur-crested Cockatoo.
- GORDON, Sir Home, Bt., F.Z.S. 1 Geoffroy's Marmoset.
- GORDON, Mr. John W., F.Z.S. 9 South American Poison-Frogs.
- GOW, Mrs. Patrick. 1 Greater Sulphur-crested Cockatoo.
- GRAHAM, Sir Richard J., Bt., F.Z.S. 40 Teal.
- GREEN, Mr. H. E. 1 Bosman's Potto.
- GREGORY, Mrs. 2 Crimson-breasted Barbets, 1 Java Sparrow.
- GREGORY, Mr. H. E. 1 Blue-fronted Amazon.
- GRIER, Mr. J. S. 1 Little Owl.
- GRIFFITHS, Mrs. 2 Roseate Cockatoos.
- GUNN, Mr. F. E. 2 Otters.
- HAINES, Mr. H. J. 1 Abyssinian Cercopitheque.
- HALL, Capt. J. J. W. Byng-. 2 Lion Cubs.
- HALLIDAY, Mrs. 1 Brown Capuchin.
- HART, Mrs. B. 1 Rhesus Macaque.
- HASLAM, Dr. J. F. C. 1 Ocelot.
- HAWTHORN, Mr. Harold P. 2 Sacred Ibises.
- HAYMAN, Mr. R. W. 1 Tessellated Snake.
- HEAD, Mrs. G. H. 2 Avadavats, 1 Orange-cheeked Wax-bill.
- HEAD, Mrs. 1 Yellow-vented Seed-eater.
- HEBBER, Miss W. 1 Brown Capuchin.
- HEDGES, Mr. F. G., F.Z.S. 1 Chattering Lory, 1 Red-breasted Lory, 2 Double-ringed Turtle-Doves, 2 Javan Tree-Ducks, 1 Grey-tailed Fruit Pigeon.
- HENREY, Mrs. E. 1 Ariel Toucan.



- HERMON, Mr. R. O. 1 Leopard.
- HETT, Dr. Geoffroy Seccombe-, F.Z.S. 6 Green Lizards,  
2 Wall Lizards, 1 Common Snake, 15 Tessellated  
Snakes, 4 Green Toads, 12 Edible Frogs.
- HEWINS, Miss M. Nancy. 1 Green Lizard.
- HEYBURN, Mr. Joseph Henry. 1 Green Cercopitheque.
- HEYSHAM, Mr. R. K. 1 Malaccan Civet.
- HILL, Master Norman. 1 Puffin.
- HIRD, Mrs., F.Z.S. 2 Green Cardinals, 2 Red-crested  
Cardinals.
- HOGG, Lady Lindsay-. 1 Badger.
- HOLDER, Mr. W. 1 Mexican Horned Toad.
- HOLMAN, Mr. H. Wilson, F.Z.S. 1 Brown Capuchin.
- 37- HOLT, Messrs John & Co., Ltd. 2 African Leopards.
- HONG KONG, BOTANICAL & FORESTRY DEPARTMENT OF.  
2 Verticillated Geckos.
- HOPE, Mr. L. E. 1 Pink-footed Goose.
- HOPKINSON, Dr. E., C.M.G., D.S.O., F.Z.S. 2 Beautiful  
Spreos, 1 Californian Quail, 1 Lepurana Bustard-  
Quail, 1 Blue-breasted Roller, 1 African Golden  
Oriole, 1 Red-faced Weaver-bird, 1 Eroded Cinixys.
- HORNE, Mr. M. Ralph. 1 Budgerigar.
- HUGHES, Mrs. T. J. 1 Hedgehog.
- HUGHESDON, Mrs. 1 Green Lizard.
- HUTCHINGS, Mr. W. 1 Abyssinian Cercopitheque.
- INGRAM, Mr. Collingwood, F.Z.S. 2 Yellow-naped  
Parrakeets.
- JACKSON, Captain. 1 Snowy Owl.
- JARVIS, Major C. S. 1 Chukar Partridge.
- JAYNE, Mrs. 2 Cut-throat Finches.
- JOHNSON, Mrs. Ernest. 1 Kinkajou.
- JOHNSON, Mr. F. Lee. 1 Greater Sulphur-crested  
Cockatoo.
- JOHNSTON, Miss G. F. 1 Humboldt's Woolly Monkey.
- JOLLIFFE, Miss Betty. 1 Budgerigar.
- JONES, Mr. A. S. M. Meyrick, F.Z.S. 1 Sooty Mangabey.

- JONES, Mr. Edward E. 1 Greater Sulphur-crested  
Cockatoo.
- JONES, Miss Tetley. 2 Florida Alligators.
- JOYCE, Mr. S., F.Z.S., & Mrs. S. JOYCE. 2 Common Foxes.
- KETTLE, Mrs. M. E. 1 Blue-fronted Parrot.
- KING, Mrs. Mabel E. 1 Humboldt's Woolly Monkey.
- KINGHAM, Mr. J. M. 1 Sumichrast's Night-Mouse.
- KINLOCH, Mr. G. A. P. 1 Malabar Scops Owl.
- KIRBY, Mrs. B. L. 2 Common Macaques.
- KNIGHT, Mr. F. J. D. 2 Algerian Tortoises.
- KNOBEL, Miss E. Maud, F.Z.S. 1 Lesson's Parrot.
- KNUTSFORD, The Viscount, F.Z.S. 1 Swinhoe's Pheasant.
- "KRASSIN," The Crew of the S.S. 1 Brown Bear.
- LAMB, Mrs. Thurston. 1 Brazilian Tortoise.
- LANE, Mr. W. H. 1 Hybrid Canary and Goldfinch.
- LANE, Mr. W. L. 1 White-handed Gibbon.
- LANGWORTHY, Mr. R. 1 Greater Sulphur-crested Cockatoo
- LANTZ, Mr. L. A. 2 Midwife Toads, 10 Marbled Newts,  
1 Spotted Mud-Frog, 2 Black Salamanders, 5 Sar-  
dinian Newts, 4 Wall Lizards.
- LATHAM, Mr. F. 1 Murine Opossum.
- LAWRENCE, Mrs. 1 Rhesus Macaque.
- LEAT, Mr. Francis W. 1 Black-and -White Hornbill.
- LECALLIER, Madame, F.Z.S. 1 Rufous Pigeon, 1 Yellow-  
billed Pigeon, 1 White-naped Pigeon, 2 Zenaida Doves.
- LEECH, Miss. 1 Shama.
- LEEMAN, Mr. Sam. 1 Magpie.
- LEICHMAN, Miss Dorothea. 1 White-nosed Coati.
- LEIGHTON, Mrs. E. C. H. 1 Leopard Cat.
- LESLIE, The Lord. 1 Rose-ringed Parrakeet.
- LEVERHULME, The Rt. Hon. Lord, M.A., F.Z.S. 1  
Burnett's Cercopitheque.
- LEVERHULME, The Executors of the late Lord. 1 Ground  
Hornbill.
- LEWIS, Mr. J. Spedan, F.Z.S. 3 Temminck's Coursers,  
1 Green-billed Cuckoo.

- LINDESAY, Mrs. Crawford. 1 Greater Sulphur-crested  
Cockatoo.
- LITTLETON, Miss Edith. 2 Coypu Rats.
- LLOYD, Mrs. J. A. 1 Common Marmoset.
- LONG, Mrs. A. E. 1 Yellow-fronted Parrot.
- LOVE, Mrs. M. M. 1 Quaker Parrakeet.
- LOVERIDGE, Mr. Arthur, C.M.Z.S. 4 Green Snakes, 5 De  
Kay's Snakes, 3 Garter Snakes, 4 Stink-pot Mud  
Terrapins, 6 Painted Terrapins, 19 North American  
Water Snakes, 2 Speckled Terrapins.
- LOWICK, Mrs. R. 1 Golden-crowned Conure.
- LUXMORE, Flight-Lieut. F. L. 1 Hairy-footed Jerboa.
- LYNDE, Mr. G. 1 Spotted Salamander.
- LLYON, Capt. A. W. 1 Japanese Teal.
- MCGAVEN, Sir Donald, C.M.G., D.S.O. 1 Tuatera Lizard.
- MCLEAN & WORMALD, Messrs. 2 American Pochards.
- MACRORY, Dr. Louis G. 1 Bonnet Macaque.
- MAILER, Mr. Maxtone L. 2 Caracals.
- MANN, Dr. W. W. 4 Carolina Box-Tortoises.
- MARCHANT, Mrs. 1 Lesser White-nosed Cercopitheque.
- MARTIN, Mrs. 1 Bonnet Macaque.
- MATHEW, Mrs. Owen. 1 Roseate Cockatoo.
- MAYHALL, Mrs. 1 Blue-fronted Parrot.
- MESSER, Mr. C. 1 Leopardine Snake.
- MILLER, Mrs. B. L. 1 Jackdaw.
- MILLER, Mr. F. W. 2 Budgerigars.
- MILLER, Mr. J. Isdale. 1 Starred Tortoise.
- MONCKTON, Mr. W. A. 1 Great Eagle-Owl.
- MORGAN, Mrs. H. R. Cope. 5 Red-faced Love-birds,  
4 Senegal Chameleons.
- MORRIS, Mr. A. 1 Moorish Gecko.
- MORRIS, Mrs. 3 Orange-flanked Parrakeets.
- MOUGNE, Master Charles. 1 Green Lizard, 1 Common  
Toad.
- MYLNE, Mrs. M. M. 2 Red-crested Cardinals.

- NATIONAL ZOOLOGICAL PARK, Washington, The. 6  
 Berlandier's Tortoises, 13 Carolina Box-Tortoises,  
 6 Painted Terrapins, 3 Bell's Painted Terrapins,  
 8 Elegant Terrapins, 1 Stink-pot Mud Terrapin,  
 1 Snapping Turtle.
- NATURAL HISTORY MUSEUM, New York, The. 3 Bull-  
 Frogs, 6 Changeable Tree-Frogs, 2 Spring Peeper  
 Tree-Frogs, 1 Cricket-Frog, 2 Long-Toed Ambly-  
 stomes, 2 Spotted Amblystomes, 10 Greenish Newts,  
 1 Greenish Newt (Land phase), 2 Long-tailed Spelerpes,  
 2 Red Spelerpes.
- NEAME, Mr. G. A. 1 Common Wolf Cub.
- NEWINGTON, Mr. Campbell, F.Z.S. 1 Common Squirrel.
- NEW YORK, *see* Natural History Museum.
- NICOL, Mr. Hamish, F.R.C.S., F.Z.S. 1 Common Hedge-  
 hog.
- NIGERIAN SECTION, BRITISH EMPIRE EXHIBITION. 2  
 Ground Hornbills.
- NOYES, Mrs. 1 Greater Sulphur-crested Cockatoo.
- NYE, Mr. P. 1 Kusimanse.
- OAKELEY, Mr. P. Baghall. 2 Kestrels.
- O'BRIAN, Mrs. C. 1 Moorish Gecko.
- OGILVIE, Mr. J. A. 1 Chimpanzee.
- O'RORKE, Major J. M. W., D.S.O. 1 Tiger Cub.
- PACHAUD, Mr. Gaston. 1 Common Macaque.
- PARKER, Mrs. 2 Orange-cheeked Waxbills, 2 Avadavats,  
 2 Shining Weaver-birds.
- PARRY, Dr. C. F., F.Z.S. 1 Spurred Chameleon.
- PARSONS, Mr. C. F. E. 1 Slow-worm.
- PARSONS, Miss L. Anderson. 5 Green Lizards.
- PATERSON, Mrs. Hilda. 1 Greater Sulphur-crested  
 Cockatoo.
- PEACOCK, Mr. W. 1 Common Snake.
- PELLEW, Capt. Edward J. P., O.B.E. 1 Lammergeier.
- PHILLIPS, Mrs. Harold. 1 Meerkat.
- PHIPPS, Mr. J. S. 1 Blue-and-Yellow Macaw.

- PHILSON, Mrs D. Starling. 1 Ring-necked Parrakeet.
- PLUMPTRE, Capt. K. M. 1 Royal Python.
- POMEROY, Mr. A. W. J. 1 Demidoff's Galago.
- POMEROY, Mr. W. K., F.Z.S. 4 White-crowned Pigeons,  
2 White-winged Doves, 2 White-fronted Doves,  
2 Martinican Doves, 2 Red Ground-Doves, 1 Dorsal  
Squirrel, 1 Colombian Siskin.
- PORTAL, Mr. Maurice, D.S.O., F.Z.S. 9 Wild Canaries,  
1 Red-legged Partridge.
- PORTER, Col. Geoffrey M. 1 Common Marmoset.
- POWELL, Mr. H. 1 Koelliker's Glass-Snake.
- PRINGLE, Col. Hall G., D.S.O. 1 Blue-and-Yellow Macaw.
- PRITCHARD, Mr. H. W. 1 Spot-ringed Snake, 2 Alligators.
- PRYSE, Sir Lewes, Bart. 3 Polecats.
- PUNGENTI, Mrs. 1 Brown Capuchin.
- PYM, Mr. C. John, F.Z.S. 1 Congo Elephant.
- QUIGLEY, Mr. 1 White-fronted Goose.
- RACEY, Mr. H. 1 Small Hill-Mynah.
- RAPER, Mrs. F. L. 1 Greater Sulphur-crested Cockatoo.
- RAWLINGS, Comdr. H. C., D.S.O. 1 Porose Crocodile.
- RHYS, Mrs. E. R. 1 Patas Cercopitheque.
- RICHARDSON, Mr. A. 1 Common Seal.
- RICHARDSON, Miss Alison. 1 Red-rumped Parrakeet.
- RICHMOND, Vice-Admiral H. W., C.B. 1 Lion Cub.
- ROBARTS, Capt. G. 2 White-bellied Caiques.
- ROBERTSON, Mrs. F. W. 1 Roseate Cockatoo.
- ROBINSON, Mr. Gordon H., F.Z.S. 1 Ring-tailed Lemur,  
1 Kinkajou.
- ROBINSON, Mrs. T. Hope. 1 Budgerigar.
- ROCHFORT, Capt. R. A., D.S.O., M.C., F.Z.S. 1 Missel  
Thrush.
- ROLES, Mr. H. L. 1 Red-tailed Buzzard.
- ROSSITER, Mr. E. 1 Jackdaw.
- ROTHSCHILD, The Lord, F.R.S., F.Z.S. 5 Pleurodele  
Newts.

- ROUSE, Mr. Ernest A. 1 Crimson-crowned Weaver-bird,  
2 Cockatiels, 10 Budgerigars.
- ROUSE, Mr. O. 2 White's Tree-Frogs.
- RUNCIMAN, Mrs., M.B., Ch. B. 3 Porose Crocodiles.
- RUSSELL, Miss G. 1 Budgerigar.
- SADLER, Mr. J. C. 1 Adorned Terrapin.
- SAMPSON, Dr. Charles. 1 Common Kestrel.
- SEALY, Mr. Gordon. 2 Lion Marmosets.
- SHARP, Mr. H. 1 Common Coot.
- SHAW, Surg. Lieut.-Comdr. R. K. 1 Gambian  
Mongoose.
- SHERRIFF, Mr. Albert, F.Z.S. 1 Hamadryas Baboon,  
1 Brown-eared Bulbul.
- SHEWELL, Mr. G. de C. 1 Guinea Baboon.
- SHOUBRIDGE, Mr. J. 1 Bearded Lizard.
- SLATER, Mr. V. W. 1 Mona Cercopitheque.
- SMELLIE, Capt. J. F. 1 St. John's Rough-legged Buzzard.
- SMITH, Mrs. Agnes. 1 Common Macaque.
- SMITH, Miss Dorothy K. 1 Red-faced Lovebird.
- SMITH, Mr. E. B. 1 Common Viper.
- SMITH, Mrs. Leslie M. Seth-. 1 Solitary Cuckoo.
- SMITH, Mr. W. J. 1 Black Rat.
- SMYTH, Miss A. B. 2 Flap-necked Chameleons.
- SNOW, Mr. E. 2 Swallows.
- SPEDDING, Mr. F. W. 1 Common Marmoset.
- SPEED, Mr. Hedley. 1 Grey Singing-Finch.
- SPENCER, Dr. E., F.I.C., A.R.S.M., F.G.S. 1 Leopard Cub.
- STEPHENS, Dr. J. R. C. 1 Crowned Duiker.
- STERNBERG, Mr. D. 1 Common Marmoset.
- STEPHENS, Mr. J. H. 1 Common Scoter.
- STEVENS, Mr. R. F. 1 Greater Sulphur-crested Cockatoo.

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- STEVENSON, Sir Malcolm, K.C.M.G. 1 Cyprian Wild Sheep.
- STIRLING, Mr. W. G., F.Z.S. 3 Porose Crocodiles, 1 Yellowish Monitor, 8 Amboina Box-Tortoises, 1 Phayre's Tortoise, 3 Indian Cobras, 2 Night Tree-Snakes, 1 Grass-green Tree-Snake, 1 Big-toothed Frog.
- STOKES, Capt. H. S., F.Z.S. 2 Donaldson's Touracous, 1 Rufous-backed Shrike, 1 Bengal Pitta, 1 Javan Great-billed Barbet.
- STUBBS, H.E. Sir Reginald, K.C.M.G., F.Z.S. 1 Chinese Pangolin.
- SUMERS, Mrs. 1 Glass-Snake.
- SURREY TROUT FARM AND UNITED FISHERIES, LTD. 1 Alligator Terrapin.
- TAKA TSUKASA, Prince. 2 Japanese Apes.
- TAVISTOCK, The Marquess of, F.Z.S. 1 Barnard's Parakeet.
- TAYLOR, Mrs. E. M. 1 Greater Sulphur-crested Cockatoo.
- TAYLOR, Mrs. Paul. 2 Western Garter-Snakes.
- TEAGUE, Mrs. Lionel. 1 Moloch Lizard.
- THAYER, Mr. Gerald. 1 Guilding's Parrot.
- THOMPSON, Mr. J. 4 Mitred Guinea-Fowl.
- TILLEARD, Mr. R. 1 Blue-fronted Parrot.
- TOWNSAND, Mrs. C. 1 Lesser White-nosed Cercopitheque.
- TREDCROFT, Miss E. 1 Greater Sulphur-crested Cockatoo.
- TRESIDDER, Dr. M. E. 1 Turtle Dove.
- TURNER, Mr. Martin J. 2 Algerian Tortoises.
- TWIST, Mr. Cecil J. 1 Little Owl.
- URRY, Mr. L. S. 1 Coot.
- VARIAN, Mr. H. F. 1 Tawny Eagle.
- VARICK, Miss Dorothy. 1 Greater Sulphur-crested Cockatoo.
- VEITCH, Mr. George. 1 Leopard Cub.
- VICKERS, Mast. J. O. N. 1 Leopardine Snake.

- WAIT, Miss L. M. St. A., F.Z.S. 1 Sulphury Seed-eater,  
1 Serin Finch, 1 Green Singing finch, 1 Streaky-  
headed Seed-eater, 1 Field Saffron-finch.
- WALKER, Mr. R. 1 Brown-throated Conure.
- WARD, Mr. R. M. 1 Moorish Gecko.
- WASHINGTON, *see* National Zoological Park.
- WATKINS, Mr. A. E. 1 Common Macaque.
- WATTS, Capt. L. G. 1 Rhesus Macaque.
- WAUD, Capt. Reginald, F.Z.S. 1 Hybrid Adelaide and  
Pennant's Parrakeet.
- WAUGHTREY, Miss. 1 Ring-necked Parrakeet.
- WERNER, Prof. Franz, C.M.Z.S. 4 Agile Frogs.
- WHITEHEAD, Mr. R. A., F.Z.S. 1 Indian Python, 2  
Long-nosed Vipers, 1 Slow-worm.
- WHITLEY, Mr. Herbert, F.Z.S. 1 Paca-rana, 2 Weasels.
- WILKINSON, Mrs. G. P. 1 Patas Cercopitheque.
- WILLIAMS, Mr. Godfrey H., F.Z.S. 1 Yellow-winged  
Sugar-bird, 1 Blue Tanager, 1 Blue-winged Tanager,  
1 Violet Tanager, 1 Spotted Emerald Tanager, 3  
Greyish Finches, 1 Goldfinch, 3 Hooded Siskins,  
1 Brazilian Hangnest, 3 Tovi Parrakeets, 2 Galapagan  
Doves, 1 Blackish Tortoise.
- WILLIAMS, Mr. G. Reginald A. F. 1 Alligator.
- WILLIAMS, Miss M. 1 Geoffroy's Marmoset.
- WILSON, Commander Alec. T. 2 Polecats.
- WILSON, Mr. H. P. Channock-. 2 Badgers.
- WILSON, Miss Marjorie. 1 Dorsal Squirrel.
- WILSON, Major W. I. F. 1 Marica Gazelle.
- WITHER, Mrs. Bigg-, F.Z.S. 1 Leopard Cub.
- WITTYCOMBE, Mr. C. S. 1 Road Beauty, 1 Cook's Tree-  
Boa.
- WOOD, Dr. Guy, F.Z.S. 1 Ceylon Mynah.



- WOODGATE, Mr. A. 1 Common Coot.  
 WOODS, Lady. 1 Grey Parrot.  
 WOODS, Mr. A. R. T. 1 Tamandua Anteater.  
 WOOLFE, Mr. H. Bruce. 2 Filfola Lizards.  
 WOOLMER, Col. 1 Tuberculated Iguana.  
 WORMALD, Mrs. Hugh. 1 Dorsal Squirrel.  
 WYATT, Mrs. Edith. 1 Badger.  
 YEARSLEY, Mr. P. Macleod, F.R.C.S., F.Z.S. 14 Green  
 Lizards, 3 Common Snakes.  
 YELLOWLEY, Miss Florence A. 1 Algerian Tortoise.  
 YOUNG, Mr. G. S. 1 Black-fronted Duiker.  
 YOUNG, Mr. J. W. 1 Green Cercopitheque.  
 YULE, Lady Annie, F.Z.S. 3 Common Marmosets.

48. STATE OF THE FINANCES.—The Report of the Auditors of the Accounts for 1925 is issued to Fellows, bound with this Report.

49. ASSETS 1924 AND 1925.—The Total Assets of the Society amounted to £157,156 14s. 5d., an increase of £17,231 7s. 4d. on the corresponding figures for 1924. As, however, a sum of £40,666 13s. 3d. has been ear-marked towards the cost of the New Reptile House, the construction of which has begun, the increase of free assets has been transformed into a decrease of £23,435 5s. 11d.

50. LIABILITIES 1924 AND 1925.—The liabilities amounted to £50,715 2s. 6d., an increase of £42,732 18s. on the corresponding figures for 1924. These include the sum of £1,500 estimated value of Aquarium tickets sold but not used at Dec. 31st, 1925. The sum of

£40,666 13s. 3d. referred to in paragraph 49 is included in the liabilities. Deducting it, the increase of liabilities amounts to £2,066 4s. 9d.

51. BALANCE 1924 AND 1925.—The balance, a surplus of assets over liabilities, amounted to £106,441 11s. 11d., a decrease of £25,501 10s. 8d. on the corresponding figure for 1924, representing the sum of the decrease in assets (paragraph 49) and increase in liabilities (paragraph 50), and is accounted for by the cost of garden improvements (see paragraph 53).

52. INCOME 1924 AND 1925.—There was a net decrease in income of £19,527 2s. 6d. due to gate-money. The results, however, surpassed our expectations (see paragraph 58, Report for 1924). The opening of the Aquarium and the influx of visitors to London for the first year of the Wembley Exhibition brought about an abnormal expansion of our receipts in 1924.

53. EXPENDITURE 1924 AND 1925.—There was an increase of £26,221 19s. 7d. in expenditure, as the funds available made it possible to proceed with improvements.

54. The Council wishes to acknowledge the assistance received during the past year from the members of the Committee of Publication, upon whom devolved, in accordance with the Bye-laws, the arrangement and supervision of the Society's Scientific Publications.

55. The Council has 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.*

Zoological Society,  
London, N.W.8,

March 17th, 1926.

REPORT OF THE COMMITTEE OF AUDITORS OF THE ACCOUNTS

OF THE

ZOOLOGICAL SOCIETY

OF LONDON,

APPOINTED 20th JANUARY, 1926.

To

25th February, 1926

The Zoological Society of London,  
Regent's Park, N.W.8.

In accordance with Chapter X of the By-laws, we have examined the Accounts of the Society for the year ended 31st December, 1925, as presented to us by Messrs. W. B. Keen & Co., the Chartered Accountants appointed to assist us in our duties. We report to the Society that at that date the Total Assets amounted to £157,156 14s. 5d., and the Liabilities to £50,715 2s. 6d. The General State of the Funds of the Society therefore showed a surplus of Assets over Liabilities amounting to £106,441 11s. 11d., subject to the estimated values of some of the Assets. The Cash in the Bankers' hands and at the Office amounted to £23,785 17s. 9d.

For the further information of the Fellows of the Society a Balance Sheet and Income and Expenditure Account for the year are annexed hereto. These have been audited and are certified by Messrs. W. B. Keen & Co. The result of the working of the Refreshment Department for the year ended 26th September, 1925, is incorporated in the Statements, the Accounts of that Department having been separately audited and certified by Messrs. Edward Moore & Sons, Chartered Accountants. We have examined the Statements of Account and in our opinion the Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Funds of the Society (subject to the estimated values of some of the Assets) according to the best of our information and the explanations given to us and as shewn by the Books of the Society.

(Signed) F. J. AYRE (*Chairman*).

R. S. CLARK.

R. M. COCKS.

STANLEY EDWARDS.

A. A. HASERICK.

J. E. SAUNDERS.

JOHN TULLY.

## BALANCE SHEET, 31st DECEMBER, 1925.

Corresponding  
figures  
31st Dec., 1924.

## LIABILITIES.

£	s.	d.		£	s.	d.	£	s.	d.
5,463	19	9	To Sundry Creditors for Rent, Taxes, Printing, &c.	7,198	15	1			
1,033	8	6	„ Subscriptions &c., received in advance ...	700	5	4			
1,000	0	0	„ Aquarium Tickets sold and unused—Estimated	1,500	0	0			
			„ Reserve for Special Works to be carried out in 1926-7 ...	40,000	0	0			
			„ Interest received from Investment during year and added to Reserve ...	666	13	3			
				40,666	13	3			
			„ Reserve for Cost of "Zool. Record" being special donations towards Vols. 59 onwards—						
			As at 1st January, 1925 ...	484	16	3			
			Add Donations during year ...	530	15	3			
				1,015	11	6			
			Deduct Amount transferred to Income and Expenditure Account during year towards cost of Vols. 60 and 61 ...	366	2	8			
484	16	3					649	8	10
			„ Balance, being Excess of Assets over Liabilities:—						
			Composition Funds—						
			Balance at 1st January, 1925	£14,008	4	3			
			Add 32 Fees @ £45 received during year ...	1,440	0	0			
14,008	4	3		15,448	4	3			
			„ Animal Insurance and Purchase Fund—						
			Balance at 1st January, 1925	£1,484	9	11			
			Add Contribution during year	200	0	0			
			„ Interest received from Investments ...	53	3	8			
1,484	9	11		1,737	13	7			
			„ Aquarium Reserve Fund—						
			Balance at 1st January, 1925	50	0	0			
			Add Contribution during year	2,000	0	0			
			Receipts from the sale of Aquarium Ivory Tickets during year ...	140	0	0			
50	0	0		2,190	0	0			
			„ Depreciation of Investments Reserve Fund—						
			Balance at 1st January, 1925	2,935	19	5*			
2,935	19	5							
£26,460	18	1	Carried forward ...	£22,311	17	3	£50,715	2	6

\*NOTE.—At Minimum Stock Exchange Quotations at 31st December, 1925, the Securities held were valued at £64,459 2s. 10d., shewing a Depreciation on original cost of £2,332 11s. 0d.

Corresponding  
figures  
31st Dec., 1924.

## ASSETS.

£	s.	d.		£	s.	d.	£	s.	d.
			By Animals belonging to the Society—						
			As at 31st December, 1924 ...	27,009	0	0			
			Add Net Increase at 31st December, 1925 ...	4,411	0	0			
27,009	0	0					31,420	0	0*
2,122	2	11	„ Plant and Fittings in Refreshment Department				2,122	2	11*
			„ Fittings and Furniture in Buildings and Enclosures at the Gardens, Regent's Park (not valued) ...						
28,480	15	0	„ Books in Library ...				28,480	15	0*
500	0	0	„ Unsold Publications ...				500	0	0*
500	0	0	„ Stock of "Zoological Record" ...				500	0	0*
560	0	0	„ Stock of Official Guides and P.P. Cards (at cost)				870	0	0
			„ Debts due to the Society (since received or considered good)—						
			Arrears of Fellowship Subscriptions, £307, estimated to realise ...	80	0	0			
			Arrears of Fellowship Admission Fees, £475, estimated to realise ...	450	0	0			
			Arrears of Subscriptions, to "Zoological Record" ...	86	12	4			
			"Zoological Record" Sales ...	292	5	5			
			Publication Sales ...	170	2	11			
			Garden Sales ...	165	8	2			
			Cinematograph Royalties ...	107	15	0			
			Miscellaneous ...	127	15	8			
889	10	7					1,479	19	6
488	9	7	„ Rates and Insurance paid in advance ...				511	13	1
460	19	8	„ Compilation Fees, paid in respect of "Zoological Record" Vol. 62 not yet published ...				94	12	4
			„ Investment of Composition Funds, at Cost—						
			£1,443 19s. 1d. London County 3½ per cent. Stock ...	1,440	0	0			
			£5,615 13s. 4d. India 3½ per cent. Stock ...	5,205	0	0			
			£11,872 17s. 3d. 3½ per cent. Conversion Stock	8,758	4	3			
13,783	4	3					15,403	4	3
£74,794	2	0	Carried forward ...				£81,382	7	1

\* As per Valuations by Society's Officials.

Corresponding  
figures,  
31st Dec., 1924.

## LIABILITIES.

£	s.	d.	£	s.	d.	£	s.	d.	
26,460	18	1							
			Brought forward ...	22,311	17	3	50,715	2	6
<b>To Balance, being Excess of Assets over Liabilities—continued.</b>									
„ Refreshment Dept.—Plant and Renewals Fund—									
			Balance at 1st January, 1925	3,605	7	4			
			Add Further Transfer from Profit for 52 weeks to 26th Sept., 1925, to be paid over	300	0	0			
				3,905	7	4			
3,905	7	4	Add amount retained for working capital ...	300	0	0			
				4,205	7	4			
„ Centenary Celebration Fund—									
			Balance at 1st January, 1925	£409	19	4			
			Add—						
			Contribution during year	200	0	0			
409	19	4	Dividends on Investment	20	10	3			
				630	9	7			
„ General Purposes—									
			Balance at 1st January, 1925	109,149	2	4			
			Add—						
			Excess of Income over Expenditure during year...	6,214	1	11			
			Increase in value of Animals, etc., in Menagerie and Aquarium	4,411	0	0			
				119,774	4	3			
			Deduct Transfer to Special Works Reserve Account	40,000	0	0			
				79,774	4	3			
			Deduct Expenditure on Aquarium construction during year ...	480	6	6			
109,149	2	4		79,293	17	9			
				106,441	11	11			
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£139,925	7	1		£157,156	14	5			

Corresponding  
figures,  
31st Dec., 1924.

## ASSETS.

£	s.	d.	£	s.	d.	£	s.	d.
74,794	2	0						
			Brought forward ...	81,382	7	1		
By Investment of Animal Insurance and Purchase Fund, at Cost—								
1,300	0	0	£2,486 8s. 2d. 2½ per cent. Consolidated Stock	1,500	0	0		
„ Investment of Aquarium Reserve Fund, at cost—								
...			£2,105 1s. 2d. 4½ per cent. Conversion Stock, 1940-44	2,050	0	0		
„ Investment of Special Works Reserve Fund, at cost—								
...			£42,756 9s. 6d. 4 per cent Treasury Bonds, 1931-33	40,666	13	3		
„ Investment of Depreciation of Investments Fund, at Cost—								
2,935	19	5	£4,078 6s. 10d. 3½ per cent. Conversion Stock	2,935	19	5		
„ Investments on Account of Refreshment Department Plant and Renewals Fund, at Cost—								
			£312 17s. 1d. 4 per cent. New South Wales Stock, 1942-62	300	0	0		
			£1,970 19s. 8d. 5 per cent. War Stock 1929-47	1,800	0	0		
			£1,930 2s. 4d. 3½ per cent. Conversion Stock	1,505	7	4		
3,305	7	4		3,605	7	4		
„ Investment of Centenary Celebration Fund, at Cost—								
409	19	4	£623 13s. 8d. 5 per cent. War Stock, 1929-47	630	9	7		
„ Refreshment Department Current Assets at 31st December, 1925—								
			To be Invested ...	300	0	0		
			Retained for Working Capital	300	0	0		
				600	0	0		
13,555	12	7	„ Cash at Bank, General Account	1,158	1	2		
42,400	0	0	„ „ „ „ Deposit Account	22,000	0	0		
225	0	0	„ „ „ „ Composition Funds	45	0	0		
			„ „ „ „ Animal Insurance and Purchase Fund	237	13	7		
184	9	11	„ „ „ „ Aquarium Reserve Fund	140	0	0		
50	0	0	„ „ „ „ in Office	205	3	0		
164	16	6		23,785	17	9		
<hr/>								
£139,925	7	1		£157,156	14	5		

## INCOME AND EXPEN

FOR THE YEAR ENDED

Corresponding figures, 31st Dec., 1924.			INCOME.					
£	s.	d.	£	s.	d.	£	s.	d.
3,960	0	0	Admission Fees (Fellows)	...	...	3,575	0	0
15,320	0	0	Subscriptions (Fellows and Corresponding Members)	...	...	17,017	6	0
1,124	11	0	Dividends and Interest received	...	...	1,559	16	6
1,000	0	0	Rent of Refreshment Rooms	...	...	1,000	0	0
11	0	0	Rent of Bath Chairs	...	...	11	0	0
69,219	13	8	Admissions to Gardens...	...	...	58,596	3	2
			Admissions to Aquarium	...	...	16,248	2	8
			Dividend received from Aquarium Reserve Fund	...	...			
			Investment...	...	...	37	17	10
23,059	1	10				16,286	0	0
2,840	9	10	Riding Receipts...	...	...	2,770	7	10
443	17	0	Sale of Animals, &c.	...	...	321	12	6
3,972	6	9	Sale of Garden Guides and Picture Post Cards	...	...	2,969	2	4
500	17	5	Sale of Aquarium Guides	...	...	209	18	9
303	7	0	Sale of Photographic Films and Cameras	...	...	349	14	10
			Sale of Transferable Ivory Tickets and Photographers Permits	...	...	102	15	0
175	5	0	Sale of "Zoological Record"—					
			Vol. 59	...	...	77	2	10
			" 60	...	...	336	19	0
			" 61	...	...	155	6	0
						569	7	10
			Vol. 58 and previous Volumes	...	...	250	7	2
1,108	15	6				819	15	0
			Subscriptions to "Zoological Record"—					
			Vol. 59	...	...	15	1	4
			" 60	...	...	633	0	2
			" 61	...	...	458	18	10
						1,107	0	4
			Vol. 58 and previous Volumes	...	...	2	10	0
420	15	5				1,109	10	4
490	7	0	Subscriptions to Publications	...	...	521	14	9
222	13	2	Sale of Publications	...	...	490	1	2
124	2	5	Royalties from Cinematograph Films	...	...	466	13	9
661	10	6	Lavatories Receipts	...	...	660	15	3
17,400	0	0	Refreshment Department Profit to 20th September, 1925	...	...	14,000	0	0
8	10	4	Miscellaneous Receipts...	...	...	2	14	0
£142,367	3	10	Carried forward			£122,840	1	

## EXPENDITURE ACCOUNT.

31ST DECEMBER, 1925.

Corresponding figures, 31st Dec., 1924.			EXPENDITURE.					
£	s.	d.	£	s.	d.	£	s.	d.
2,797	8	1	Rent, Rates, Taxes and Insurance, Gardens	...	...	2,706	4	3
1,404	3	4	Income Tax (Schedule D)	...	...	3,004	10	0
252	6	9	Do. Refreshment Department (Schedule A)	...	...	231	6	2
16,132	13	10	Salaries, Staff and Keepers, Gardens	...	...	17,734	9	9
3,841	7	2	Do. Office	...	...	4,502	4	1
1,927	8	4	Pensions, Gardens	...	...	1,776	13	4
522	0	0	Do. Office	...	...	522	0	0
11,637	8	2	Provisions, including Storekeeper's Wages	...	...	12,824	13	9
			Cost and Carriage of New Animals	...	...	4,935	18	8
			Add Contribution to Purchase and Insurance Fund	...	...	200	0	0
2,671	11	3				5,135	18	8
			Menagerie Expenses:—					
			£ s. d.					
2,014	15	5	Fuel	...	...	1,877	8	11
269	8	8	Straw	...	...	295	13	0
1,291	13	0	Water	...	...	1,273	19	2
			Upkeep of Well	...	...	179	8	6
539	9	4	Keepers' Uniforms	...	...	544	5	0
242	7	11	Tools, Implements, Fittings, &c.	...	...	252	7	5
88	1	11	Labels and Drawings	...	...	198	5	10
156	12	3	Sand, Sawdust, Turf, &c.	...	...	170	13	0
62	1	0	Medical Attendance	...	...	63	5	3
66	6	10	Sanatorium and Veterinary Expenses	...	...	135	2	4
105	17	1	Cart repairs, Saddlery, &c.	...	...	157	12	7
432	8	7	Upkeep of Motors (Net Cost)	...	...	360	14	11
342	11	5	Cleaning Materials and Disinfectants	...	...	342	13	9
61	16	0	Police Attendance	...	...	46	10	0
97	18	2	Gas, Electricity, &c.	...	...	253	11	9
13	2	6	Garden Seats	...	...	496	18	6
53	15	9	Sundries	...	...	52	11	10
5,838	5	10				6,701	1	9
			Aquarium Maintenance:—					
1,738	5	3	Cost and Carriage of Fish	...	...	1,209	18	8
177	12	8	Provisions	...	...	215	14	4
2,854	13	7	Salaries and Wages	...	...	3,227	6	10
693	16	4	Fuel	...	...	548	0	10
873	16	9	Gas and Electricity	...	...	889	12	11
48	7	9	Rates, Taxes and Insurance	...	...	37	11	7
			Sea Water	...	...	159	18	10
586	11	8	Glass for Tanks, etc.	...	...	130	19	1
347	5	8	Electrical Sundries	...	...	336	16	4
			Upkeep of Plant and Machinery	...	...	117	12	6
110	8	5	Tools, Utensils, etc.	...	...	57	6	6
235	19	0	Repairs, Materials, Fittings, etc.	...	...	237	17	9
129	0	0	Labels	...	...	21	8	0
228	19	6	Printing Tickets, etc.	...	...	38	1	6
£47,024	12	9	Carried forward			£7,228	5	8
£8,024	16	7				£55,139	1	9

£142,367 3 10

Carried forward

£122,840 1





Corresponding  
Figures,  
31st Dec., 1924.

INCOME.

£	s.	d.		£	s.	d.
142,367	3	10	Brought forward ...	122,840	1	4
£142,367	3	10		£122,840	1	4

DAVIS

£1,520 *Southern Railway*

£59 7 6

£58 18 0 Dividends ...

We hereby certify that we have audited the Books, Accounts and Vouchers of the and that the above Balance Sheet and accompanying Income and Expenditure truly set forth the position as shown by the Books of the Society. We have verified information we have required.

23, Queen Victoria Street, E.C. 4,  
25th February, 1926.

Corresponding  
Figures,  
31st Dec., 1924.

EXPENDITURE.

£	s.	d.		£	s.	d.
79,231	7	3	Brought forward ...	88,011	14	0
2,151	17	6	Preparation and Printing of "Zoological Record"— Volumes 60 and 61 ... £3,042 10 10 Add Expenditure re previous Vols. 27 17 3	3,070	8	1
1,485	6	11	Deduct Transfer from Davis Fund 118 5 6 " Transfer from Donations Reserve Account ... 366 2 8	484	8	2
51,963	4	0	Cost of Publications ... 2,630 18 8 Less Contribution from Poulton Fund ... 111 2 9	2,519	15	11
221	19	11	Cost of Photographic Films and Cameras ... 249 8 5			
150	10	0	Cinematograph Expenses ... 53 8 0			
378	19	4	Law Expenses ... 425 0 0			
77	1	0	Scientific Grants ... 11 4 3			
7	7	0	Miscellaneous Payments ...			
6,499	10	11	Expenditure on Special Works:— Construction of Deep Well (balance) ... 1,828 11 0 " Monkey Hill (balance) ... 6,603 19 5 " Experimental Mon- key House (balance) 2,192 4 6 Less Contribution from Mr. Spedan Lewis ... 450 7 6	1,741	17	0
200	0	0	Construction of Bandstand and Pergola ... 2,336 6 0 Re-roofing Lion House (on account) ... 1,277 7 9 Re-wiring Canal Bank Aviary ... 448 1 6 Erecting Mammal House Cage ... 140 1 4 Aquarium Refrigerating Plant (on account) ... 1,970 8 5 Re-building Refreshment Bar near Elephant House ... 1,312 6 1 Re-surfacing Roads in Gardens... 2,910 10 5	20,569	8	11
90,403	19	10	Contribution to Aquarium Reserve Fund ... 2,000 0 0			
			Contribution to Centenary Celebration Fund ... 200 0 0			
51,963	4	0	Balance, being excess of Income over Expenditure for year, carried to Balance Sheet (page 72) ... 6,214 1 11	116,625	19	5
£142,367	3	10		£122,840	1	4

TRUST FUND.

5 per cent. Preference Stock.

£58 18 0 Applied towards Fees of Editor of "Zoological Record" ... £59 7 6

Society for the year ended 31st December, 1925, and have found them to be in order Account have been drawn up in strict conformity therewith and that they fully and the Investments and the Cash Balances, and have received all the explanations and

W. B. KEEN & Co.,  
Chartered Accountants.