

REPORTS
OF THE
COUNCIL AND AUDITORS
OF THE
ZOOLOGICAL SOCIETY
OF LONDON,
FOR THE YEAR 1919.

PREPARED FOR THE ANNUAL GENERAL MEETING,

TO BE HELD ON

THURSDAY, APRIL 29TH, 1920.

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REPORT OF THE COUNCIL

for the year ending 31st December, 1919.

ANNUAL GENERAL MEETING.

1. The Ninety-first Annual General Meeting of the Society will be held on Thursday, April 29th, 1920, at 4 p.m. at the Offices of the Society, in the Gardens, Regent's Park, N.W.

2. PROCEDURE AT THE ANNUAL GENERAL MEETING. (*Bye-laws, Chapter VII., Section 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.

3. RETURN OF STAFF FROM ACTIVE SERVICE.—Demobilisation, so far as it concerned the members of the Society's service, was completed during 1919. The Society's normal staff consisted of about 150 males, including those unfitted for active service. Of these, 92 volunteered or were called up, and 14 were rejected on medical grounds. The following 12 were killed:—H. D. Monro, W. Bodman, A. G. Whybrow, G. Patterson, William Dexter, William Perkins, Alfred L. Day, and Charles W. Dare, *Menagerie Staff*; A. A. Dermott, *Office Messenger*; H. G. J. Peavot, *Librarian*; R. Jones and Albert Staniford, *Gardeners*.

4. WAR MEMORIAL.—The Council decided to place a permanent war memorial in a prominent position in the Gardens to commemorate those members of the staff who had died in the war. Consideration was given to several suggestions, and the choice fell on an adaptation of a mediæval French "Lantern of the Dead," at La Souterraine, in the valley of the Creuse. A wood and canvas model, of the dimensions thought suitable, was prepared by Messrs. John Bull & Sons, from photographs of the original, under the direction of the Secretary. This was placed on the proposed site, near the main gate, and after its effect had been studied, working drawings were prepared by the Society's architect, Mr. J. J. Joass, and the monument was constructed in Portland stone. It consists of a hexagonal column, placed on steps, with six lights, surmounted by a conical roof bearing a cross. A bronze memorial tablet will be placed on the pedestal. These "Lanterns" date from remote antiquity, and their symbolical meaning has not been ascertained definitely. They were hollow, and contained a pulley by which a lantern could be hoisted to the level of the lights. A twelfth century ecclesiastic, Peter of Cluny, said that the light shining by night was a homage paid by the faithful to dead Christians.

5. ROLL OF MEMBERS.—The number of Fellows and Fellows Elect on January 1st, 1919, was 4,688, and on January 1st, 1920, was 4,803.

	1905.	1913.	1919.
Compounders at £30 ... (Elected before 1906)	1,015	853	699
Compounders at £45 ... (Elected since 1905)	—	110	181
Compositions remitted ...	43	42	36
Paying annually £3 ...	2,434	3,528	3,666
Dormant (paying £1 since 1911)	139	155	151
Do. subscriptions remitted	—	—	16
Admission Fees unpaid ...	71	45	54
	3,702	4,733	4,803

6. CORRESPONDING MEMBERS.—During the war, in compliance with the Bye-laws (Chapter VI., Section 4), the names of a number of corresponding members, chiefly subjects of the Central Powers, were removed from the list. It is within the power of the Council to restore these, as vacancies arise, on their application to the Council. The following were elected to fill vacancies on the list:—

Professor A. Brachet, The University, Brussels, Belgium.

Professor Charles Deperet, The University, Lyons, France.

Dr. W. K. Gregory, The American Museum of Natural History, New York, U.S.A.

Professor T. H. Morgan, The Columbia University, New York, U.S.A.

Dr. H. A. Pilsbry, Academy of Natural Sciences, Philadelphia, U.S.A.

Professor O. Van der Stricht, The University of Ghent, Belgium.

7. LIST OF FELLOWS.—The printing of this was suspended during the war, but a new edition, revised to date, is in preparation. Fellows can assist by posting now to the Secretary their permanent address and description desired.

8. LECTURES TO SCHOOL TEACHERS.—The scheme for the instruction of School Teachers, arranged in 1910, by the Council in co-operation with the Education Committee of the London County Council, but suspended during the war, has been resumed. Mr. Frank Balfour-Browne, M.A., F.Z.S., F.R.S.E., conducted a complete course in the autumn of 1919, which was attended by 150 School Teachers. It consisted of three lectures with lantern demonstrations in the Society's Meeting Room, and sufficient practical tours in the Gardens to give the Teachers, in groups of 25, a demonstration for each lecture. The object of the course is to give Teachers such information as may be useful to them when they bring school children to the Gardens. The London County Council makes a grant towards the expenses of the Scheme. A second course begins on May 8th, 1920.

9. GARDEN GUIDE—LECTURER.—The Council arranged with Mr. E. Kay Robinson, to conduct parties of visitors round the Gardens twice weekly, from May to October. Mr. Robinson's lectures were highly appreciated by the fellows and visitors who accompanied him, and it has been arranged to repeat the experiment during the Months of April, May, June and October of 1920. The tours start from the main gate on Tuesdays at 11 a.m., and on Thursdays at 4-30 p.m.

10. PROTECTION OF ANTARCTIC FAUNA.—The Council made representations to the Governments of Australia, New Zealand and Tasmania, with regard to the protection of Seals, Sea-lions, as well as Penguins and other Sea-birds in the Antarctic Seas. The Governments responded favourably and protection has been increased.

11. SCIENTIFIC GRANTS.—The Council made a grant of £10 to the National Trust towards the preservation of Wicken Fen, and of £30 to the Conjoint Board of Scientific Societies.

12. GODMAN MEMORIAL.—The Council made a donation of £100 to a fund established to commemorate Dr. F. du Cane Godman, F.R.S., by a relief bust in the British Museum (Natural History) and by the establishment of a Fund for Zoological Exploration.

Dr. Frederick du Cane Godman, F.R.S., who died on February 19th, 1919, had been a Fellow of the Society since 1859, and a Member of Council and Vice-President at frequent intervals since 1877. In addition to the great services he had rendered the Zoological Society, he had been one of the most devoted and successful of English Zoologists.

13. RAT EXHIBITION.—The Council arranged in conjunction with the Board of Agriculture and the Local Government Board, each of which made a grant of £100 towards the expenses, to hold an exhibition in the Gardens illustrating the harm caused by Rats and Mice, the life-history of these animals, and the known means of destroying them, and also to conduct investigations into methods of dealing with these pests. The work was placed under the immediate direction of Mr. E. G. Boulenger, assisted by Mr. W. C. Harris. The Exhibition was highly appreciated by visitors, and many Sanitary Officials, and Officers in the Navy and Army were given special demonstrations. The results of the investigations were published in a memoir contributed to the Society's Scientific Proceedings by Mr. Boulenger, in which he found it possible to recommend simple measures.

14. SCIENTIFIC MEETINGS.—The usual twelve meetings for scientific business were held.

15. SCIENTIFIC PUBLICATIONS.—The *Abstract* was issued as usual. The *Transactions*, suspended during the War, have not yet been resumed. The *Proceedings* have been continued on a smaller scale, with some irregularity due to war delays.

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

		Plates.		Pages.
1910	...	101	...	1033
1911	...	64	...	1213
1912	...	96	...	913
1913	...	113	...	1104
1914	...	75	...	1077
1915	...	21	...	712
1916	...	22	...	756
1917	...	11	...	338
1918	...	3	...	310
1919	...	23	...	499

Volume fifty-three of the *Zoological Record*, dealing with the literature of 1916, was published on June 25th, 1919. Volume fifty-four, dealing with 1917, appeared on January 28th, 1920, and the preparation of Volume fifty-five is well advanced and that of fifty-six, dealing with 1919, has been arranged for.

16. GARDEN GUIDE AND PICTURE POST CARDS.—The seventeenth edition of the Garden Guide was issued in 1919, and in the course of the year 78,494 copies were sold. An eighteenth edition is in preparation and it is now possible to resume the larger size and better paper, but the cost of each copy has been raised to 1s., on account of the increase in all the items of production. Since 1903, 769,922 copies of the Guide have been sold. Of picture post cards, 102,815 were sold in 1919.

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.
- 1919. California Academy of Sciences, San Francisco, U.S.A.

18. LIBRARIAN.—Mr. F. Martin Duncan, F.Z.S. acted as temporary Librarian and Clerk of Publications during the year, to the complete satisfaction of the Council and the Committees concerned. At the end of the year, after consideration of a number of candidates, his appointment was made permanent.

19. LIBRARY.—The Visitors Book was signed by 433 Fellows and persons introduced by them, and 903 volumes were borrowed under the usual regulations.

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

PRESENTED.

<i>Donor.</i>	<i>Donation.</i>
BRITISH ASSOCIATION FOR THE ADVANCE- MENT OF SCIENCE.	Annual Report for 1918.
CARNEGIE INSTITUTE, WASHINGTON.	Classified List of Publications of the Carnegie Institute, Washington, 1918.
CASELL & Co.	Animal Life under Water. By F. Ward. 1919.
DUNCAN, F. MARTIN.	Cassell's Natural History. 1913. Insect Pests of the Farm and Garden. 1906. Wonders of the Seashore. 1919. Insect Pests and Plant Diseases of the Vegetable and Fruit Garden. 1919.
GLADSTONE, CAPT. HUGH S.	Birds and the War. 1919.
HUDSON, W. H.	Birds in Town and Village. 1919. The Book of a Naturalist. 1919.
LODER, SIR EDMUND G., BT.	Conifers at Leonardslee. 1919.
MCCRINDLE, J. A.	Four Albums of Water-colour Drawings of the Birds of South America. By the late Mrs. B. McCrindle.
POCOCK, R. I.	The Standard Cyclopaedia of Modern Agriculture. Edited by Prof. R. P. Wright. 12 Volumes. 1908-1911.
RUSSELL, E. S.	Vejdovsky's Zum Problem der Vererbung- strager. 1911-1912.
THE HIGH COMMIS- SIONER.	Official Year Book of the Union of South Africa; Statistics mainly for the period 1910-1917.

- COUNCIL, R.C.S. Calendar Royal College of Surgeons.
 SWANN (H. KIRK) A Synoptical List of the Accipitres.
 Part I. (Sarcorhampus to Accipiter).
 1919.

PURCHASED.

- Archives de Zoologie Expérimentale et Générale. Vol. 55.
 CALVERT (A. S. & P. P.). A Year of Costa Rican Natural History.
 8vo. Philadelphia, 1919.
 DENDY (A.). Animal Life and Human Progress. 1919.
 FINN (F.). Bird Behaviour. 1919.
 FROHAWK (F. W.). Birds Beneficial to Agriculture. (Brit. Mus.
 Nat. Hist. Economic Ser. No. 8). 1919.
 GARBOE (A.). Enhjorningen. 8vo. 1919.
 HARMER (S. F.). Report on Cetacea Stranded on the British
 Coasts during 1918. (Brit. Mus. Nat. Hist. Report No. 6).
 1919.
 HINTON (M. A. C.). Rats and Mice as Enemies of Mankind.
 (Brit. Mus. Nat. Hist. Economic Ser. No. 8). 1919.
 HUDSON (W. H.). Far Away and Long Ago. 1918.
 HUXLEY (L.). Life and Letters of Sir J. Dalton Hooker. 2 Vols.
 8vo. 1919.
 JAN. (G.). Scientiæ Naturalis Cultoribus. Conspectus Methodicus
 Testaceorum in Collectione mea exstantium. ANNO. 1830. (Photo-
 graphic reproduction.)
 KERR (J. GRAHAM). Text-book of Embryology. Vol. 2. Verte-
 brata with the exception of Mammalia. 8vo. 1919.
 LOEB (J.). Forced Movements, Tropisms, and Animal Conduct.
 8vo. 1918.
 MEUNIER (S.). La Géologie Biologique. 8vo. 1914.
 MILLAIS (J. G.). Life of Fredk. C. Selous. 8vo. 1919.

Periodicals and Zoological Works in course of publica-
 tion, of which parts were added to the Library for the
 first time in 1919 :—

- Fitzsimons (F. W.). Natural History of South Africa. Mammals.
 Vols. I and II. 8vo. 1919.
 Mullens (W. H.), Swann (H. K.), and Jourdain (F. C. R.). A
 Geographical Bibliography of British Ornithology. Part I.
 8vo. 1919.
 Oort (Van.). Ornithologia Neerlandica : De Vogels van Nederland.
 Parts I to V. Folio. 1919.

Canadian Arctic Expedition, 1913-1918. Vol. III. Parts A-D, F, H.

Tori (Avis). Journal of the Ornithological Society of Japan. Parts I. to VII. 8vo. 1919.

The Librarian has commenced the formation of a Subject Card Index and a Geographical (Zoological) Card Index in the Library. Over three thousand cards dealing with Invertebrata have been classified and arranged, and it is hoped these Indexes will be of considerable help to Fellows using the Library.

20. CINEMATOGRAPH RECORDS.—Mr. Martin Duncan, the Society's Librarian, is an expert in taking cinematograph films. The necessary apparatus has been purchased, a developing room has been installed in the basement of the offices, and a series of films of rare animals and interesting events in the gardens has been begun.

21. PROSECTORIUM. — Professor Wood Jones, D.Sc., M.B., F.Z.S., who had very kindly given voluntary superintendence of the Laboratory during the latter years of the war, was unable to continue this work, as he had accepted a chair of anatomy in Australia. Dr. J. A. Murray, F.Z.S., and Miss K. Lander, B.Sc., F.Z.S., who had also voluntarily acted respectively as Pathologist, and as Anatomist, were recalled by their ordinary duties. The Society is much indebted to these Fellows for having carried on the scientific work at the Prosectorium until it became possible to make more permanent arrangements.

Dr. Leiper, F.Z.S., Professor at the Royal School of Tropical Medicine, has been appointed as Director of the Prosectorium, with Dr. Sonntag, F.Z.S., as Anatomical Assistant, Dr. Lucas, F.Z.S., as Pathological Assistant, and Dr. Vevers, F.Z.S., Beit Research Fellow, as honorary Parasitologist.

The work of the reorganised department is now in full operation. Requests for material or for facilities for research should be addressed to Dr. Leiper, or to the Secretary of the Society.

22. VISITORS TO THE GARDENS.—The total number of visitors to the gardens in 1919 was 1,515,042, the largest

in the history of the Society. The following Tables give comparative figures of some interest.

Visitors to the Gardens.

1910 .	897,461	1915 .	1,058,728
1911 .	892,622	1916 .	1,084,249
1912 .	1,012,898	1917 .	898,758
1913 .	1,157,974	1918 .	855,477
1914 .	1,055,208	1919 .	1,515,042

Visitors on Bank Holidays.

	1918.	1919.
Easter Monday	29,181	75,485
Whit Monday	28,435	51,313
First Monday in August	40,004	40,893

Visitors on Mondays, Saturdays and Sundays.

	1918.	1919.
Mondays (Sixpence)	269,735	443,178
Saturdays (Sixpence until July 1919, then one Shilling)	181,598	307,973
Sunday	72,331	111,327

23. WORKS.—Every effort was made by the Council to begin restoration of the buildings, enclosures and paths, expenditure having been reduced to the lowest possible margin during the war. In the earlier part of the year such work was limited to repairs and painting, but as soon as the state of the finances justified more expenditure, extensive operations were put in hand, and the reconstruction of the Gardens planned in 1913 and 1914, was begun. The second tunnel, more necessary than ever with the increase of visitors, was the first large work to be set going, and will be completed this year. The elephant walk has been doubled in width, and the Fellows' lawn has been carried through the site of the Old Bear's Terrace, the greater part of which has been removed. The open space in front of the Monkey House has been carried

eastwards to meet the enlarged elephant ride, and a convenient path for the riding camels, and the llama-carriages has been formed. The path in front of the Lemur-house in the north garden is being supported by ferro-concrete piles. The Mappin Terrace Pavilion, incomplete when the war broke out, has been decorated, and a new lavatory for ladies has been placed under the Terrace. The ladies' lavatory at the Eastern Aviary has been rebuilt and enlarged accommodation for female school children provided. An extensive programme of repairs and painting has been carried out all over the Gardens.

24. GARDENERS' DEPARTMENT.—Mr. Young, the head-gardener, was even more successful than usual, and the floral display he maintained throughout the season was in itself a special attraction to visitors.

25. BAND.—The "Comrades of the Great War" Headquarters Band performed in the Gardens on Saturdays and Sundays from May 31st to August 31st. There is no evidence that the performances increased the actual number of visitors, but they appear to have been much appreciated by the Fellows and the public, and it is proposed to continue them this season.

26. REFRESHMENT DEPARTMENT.—The Accounts have been audited, as usual, by Messrs. Edward Moore & Sons. The gross profit amounted, after feeding the Staff, to £20,532 11s. 10d. The working expenses for the same period amounted to £8,599 18s. 2d., leaving a trading profit of £11,932 13s. 8d. 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, and deducting the Manager's salary and percentage, there was a net profit to the Society amounting to £6,768 18s. 8d. It was decided that £3,500 should be invested and added to the Refreshment Room Re-building Fund, which thus now amounts to over £10,000, and that the balance should be applied to improving the lavatory accommodation for ladies in the Gardens, and to completing and decorating the Mappin Terrace Pavilion.

At the request of the Council, the Committee of Auditors appointed in February, 1919, held a special meeting to audit the accounts of the Refreshment Department. The results of their financial investigations are embodied in the accounts of the Society for 1919. They reported favourably on the business management of the Department. The Council appointed a Committee from its own body to discuss the catering arrangements with the manager in detail. After considering their report, the Council agreed that, in view of the special difficulties with regard to food and labour, the management of the department had been efficiently conducted. It was not expected that the situation would be much easier in 1920, but an endeavour was to be made to improve the quality and quantity of the provisions supplied to all classes of customers, although that would almost inevitably result in a considerable diminution in profits.

27. RATES OF ADMISSION TO THE GARDENS.—During the War officers and men in uniform, together with ladies and children whom they brought, were admitted to the Gardens on Sundays on payment of a shilling for each person. They were also admitted at sixpence each on week-days, and the price of admission for the general public was reduced to sixpence on Saturdays until the end of June, 1919.

From March 31st, 1920, the normal conditions were restored.

Admission to the Gardens on week-days is by payment of the usual rates or by ticket. On Sundays admission is absolutely limited to Fellows and the visitors they are entitled to bring with them or to whom they have given tickets, and to other ticket-holders.

28. MENAGERIE.—During the War the collection suffered chiefly because there were relatively few additions to replace the normal loss from death, and partly because when difficulties with regard to food increased it was thought right to dispose of, or to destroy, animals that could easily be replaced and that consumed food required by man or domestic stock. The following table shows the

changes in the total number of the animals in the collection since the last record was published :—

*Number of Animals in the Gardens on December 31st,
1915—1919.*

	1915.	1916.	1917.	1918.	1919.
Mammals ...	690	557	568	675	586
Birds	1,989	1,940	1,496	1,146	1,333
Reptiles, etc....	540	316	189	279	411
	—	—	—	—	—
Totals ...	3,219	2,813	2,253	2,100	2,330
	—	—	—	—	—

Additions to the Collection, 1915 to 1919.

	Presentation.	Purchase.	Deposit.	Exchange.	Birth.	TOTAL.
1915 ...	964	148	295	130	167	1,704
1916 ...	600	129	125	21	94	969
1917 ...	513	191	480	9	122	1,315
1918 ...	372	49	870	8	45	1,344
1919 ...	806	662	272	42	89	1,871

During 1919 it became possible to acquire new animals, and a number of important additions, including a hippopotamus, were made by purchase. Arrangements were made to bring home a collection of Indian animals, and a collection from Singapore, early in the current year. A collector is obtaining birds and marsupials for us in the Malay Archipelago, and is expected to return in August of this year.

ANIMALS BRED DURING 1916.

1916.

Mammals.

- Feb. 19. 1 Arabian Baboon (*Papio hamadryas*), born dead.
- May 1. 1 Black Lemur (*Lemur macaco*), dead (lived 23 days).
- Jan. 5. 3 Lion Cubs (*Felis leo*), 2 born dead with Cleft Palates; 1 died nextday (*atelectasis*), Palate Normal.

- July 9. 3 Lions (*Felis leo*), 2 born dead; 1 died next day.
- July 19. 3 Lions, 2 born dead; 1 died next day.
- Dec. 11. 4 Lion Cubs (*Felis leo*), all died (lived 3 or 4 days).
- Mar. 14. 5 Indian Wolves (*Canis pallipes*) 2 ♂, 3 ♀; 4 reared; 1 died.
- Jan. 18. 2 Brown Bears (*Ursus arctos*), 1 died, a week old; 1 disappeared, probably eaten.
- Jan. 25. 1 Syrian Bear (*Ursus arctos syriacus*), born dead.
- May 29. 1 Canadian Beaver (*Castor canadensis*), still alive Dec. 31st, 1916.
- July 2. 2 Canadian Beavers (*Castor canadensis*), 1 died Oct. 22nd, 1916; 1 died Nov. 3rd, 1916.
- May 2. 1 Shaw's Gerbille (*Meriones shawi*), alive Dec. 31st, 1916.
- May 14. 1 Canadian Tree Porcupine (*Erithizon dorsatus*), (mother pregnant on arrival, April 20th, 1916); died Sept. 21st, 1916.
- June 30. 1 Fallow Deer (*Dama dama*), alive Dec. 31st., 1916.
- May 22. 1 Reindeer (*Rangifer tarandus*) ♀, alive Dec. 31st, 1916.
- June 6. 1 Kashmir Deer (*Cervus hanglu*), died next day.
- April 4. 1 Mouflon (*Ovis musimon*) ♂, alive Dec. 31st, 1916.
- May 19. 2 Grecian Ibexes (*Capra aegagrus*) ♂ ♀, ♀ died July 2nd, 1916; ♂ alive Dec. 31st, 1916.
- June 13. 1 Barbary Sheep (*Ammotragus lervia*).
- June 16. 1 Barbary Sheep (*Ammotragus lervia*).
1 died July 2nd, 1916; 1 died July 9th, 1916.
- June 30. 1 Blackbuck (*Antilope cervicapra*), living Dec. 31st, 1916.
- Jan. 4. 1 Mysore Zebu (*Bos indicus*) ♀, alive Dec. 31st, 1916.
- July 24. 1 White-bearded Gnu (*Connochætes albojubatus*), alive Dec. 31st, 1916.
- July 9. 1 Kiang (*Equus kiang*), ♂, alive Dec. 31st, 1916.

1916.

Birds.

- May 14. 3 White Storks (*Ciconia ciconia*), 2 died in nest, 1 fully reared.
- June 14. 5 Egyptian Geese (*Alopochen ægyptiacus*), all fully reared.
- June 30. 2 Andean Geese (*Chloephaga melanoptera*), 1 died at 6 weeks; 1 fully reared.
- July 17. 1 Bernicle Goose (*Branta leucopsis*), died at 2 weeks old.
- June } 12 Carolina Ducks (*Lampronessa sponza*), 10
 July } fully reared.
- July 3. 1 Mandarin Duck (*Æx galericulata*).
 2 Muscovy Ducks (*Cairina moschata*).
 4 Spot-billed Ducks (*Anas pæcilorhyncha*).
 2 Andaman Teal (*Nettion albigulare*).
 All fully reared.
- Sept. 14. 1 Naked-eyed Pigeon (*Columba gymnophthalma*), fully reared.
- Oct. 22. 1 Auriculated Dove (*Zenaida auriculata*), fully reared.
- Oct. 3. 2 Buckley's Ground - Doves (*Chamæpelia buckleyi*), died at 2 months old.
- July 20. 11 Partridges (*Perdix perdix*), hatched from eggs presented by Charles Vernon Boys, Esq., F.R.S., all reared.
- June 23. 7 Lineated Kaleege Pheasants (*Gennæus lineatus*), 5 fully reared.
- July 17. 2 Amherst's Pheasants (*Chrysolophus amherstiae*), fully reared.
- June 21. 3 Hybrid Javan and Red Jungle-fowl (*Gallus varius* × *G. gallus*), fully reared.
- July 17. 2 Burmese Peafowl (*Pavo muticus*), died in December.
 1 Hybrid Burmese and Black-winged Peafowl (*Pavo muticus* × *P. cristatus*, var *nigripennis*), reared.
- June 22. 7 Greater Black-backed Gulls (*Larus marinus*), fully reared.
- July 8. 8 Rufous Tinamous (*Rhynchotus rufescens*), 4 died when half grown; 4 reared.
- July 20. 5 Common Rheas (*Rhea americana*), 4 reared; 1 killed for malformation.

ANIMALS BRED DURING 1917.

1917.	<i>Mammals.</i>
Nov. 20.	1 Common Macaque (<i>Macacus fascicularis</i>) born dead.
Sept. 29.	2 Lion Cubs (<i>Felis leo</i>), 1 died March 10th, 1917; 1 died Oct. 10th, 1917.
May 18.	7 European Wolves (<i>Canis lupus</i>), 2 lived 1 day; 5 lived 2 days.
May 22.	1 Yellow Meerkat (<i>Cynictis penicillata</i>), killed by mother at birth.
Feb. 22.	1 European Bison (<i>Bison bonasus</i>) ♂, sent to Woburn Jan. 21st, 1918.
July 12.	1 Mysore Zebu (<i>Bos indicus</i>), reared.
July 12.	1 White-bearded Gnu (<i>Connochætes albo- jubatus</i>), reared.
June 21.	1 Eland (<i>Taurotragus oryx</i>), died Dec. 5th, 1917.
Jan. 12.	1 Blackbuck (<i>Antilope cervicapra</i>), reared.
May 18.	1 Grecian Ibex (<i>Capra ægagrus</i>) ♂, died May 26th, 1917.
June 5.	1 Grecian Ibex (<i>Capra ægagrus</i>), reared.
June 15.	1 Hybrid Caucasian and Himalayan Ibex (<i>Capra cylindricornis</i> × <i>C. sibirica</i>), reared.
Jan. 19.	1 Barbary Sheep (<i>Ammotragus lervia</i>), reared.
Jan. 19.	1 Barbary Sheep (<i>Ammotragus lervia</i>), born dead.
July 19.	1 Barbary Sheep (<i>Ammotragus lervia</i>), reared.
April 16.	1 Hybrid Soay Sheep and Sardinian Mouflon (<i>Ovis aries</i> × <i>O. musimon</i>), born dead.
April 22.	1 Hybrid Soay Sheep and Sardinian Mouflon (<i>Ovis aries</i> × <i>O. musimon</i>), reared.
Mar. 21.	1 Mouflon (<i>Ovis musimon</i>), reared.
May 2.	1 Urial Sheep (<i>Ovis vignei</i>) ♀, died July 6th, 1917.
May 17.	1 Reindeer (<i>Rangifer tarandus</i>), died June 2nd, 1917.
Feb. 22.	1 Bennett's Wallaby (<i>Macropus bennetti</i>), died Dec. 13th, 1917.

1917

Birds.

- April 20. 1 Green White-eye (*Zosterops virens*), reared.
 June 7. 3 Chestnut-eared Finches (*Tæniopygia castanotis*), all reared.
 Aug. 3. 3 Chestnut-eared Finches (*Tæniopygia castanotis*), all reared.
 Sept. 24. 4 Chestnut-eared Finches (*Tæniopygia castanotis*), all reared.
 Sept. 29. 5 Avadavats (*Sporæginthus amandava*), reared.
 Aug. 3. 3 Parrot Finches (*Erythrura psittacea*), reared.
 Oct. 8. 1 Angolan Singing Finch (*Serinus angolensis*), reared.
 May 29. 1 Grey Singing Finch (*Crithagra musica*), reared.
 July 25. 2 Cuban Finches (*Phonipara canora*), reared.
 May 31. 1 Pileated Song-Sparrow (*Zonotrichia pileata*), reared.
 July 2. 1 Pileated Song-Sparrow (*Zonotrichia pileata*), reared.
 July 23. 2 Orange Weaver-birds (*Euplectes franciscana*), reared.
 June 12. 2 Southern White-cheeked Finch Larks (*Pyrrhulanda smithi*), reared.
 Jan. 25. 2 Hybrid Swainson's and Red-collared Lorikeets (*Trichoglossus novæ-hollandiæ* × *T. rubritorques*), reared.
 Oct. 24. 1 Hybrid Swainson's and Red-collared Lorikeets (*Trichoglossus novæ-hollandiæ* × *T. rubritorques*), reared.
 July 21. 3 Budgerigars (*Melopsittacus undulatus*), reared.
 Aug. 6. 1 Muscovy Duck (*Cairina moschata*), reared.
 July 19. 1 Mandarin Duck (*Æx galericulata*), reared.
 June 22. 4 Carolina Ducks (*Lampronessa sponza*), reared.
 July 19. 6 Carolina Ducks (*Lampronessa sponza*), reared.
 Aug. 6. 1 Hybrid Carolina and Spot-bill Duck (*Lampronessa sponza* × *Anas pæcilorhyncha*), reared.
 Aug. 6. 2 Bernicle Geese (*Branta leucopsis*), reared.
 June 7. 2 Diamond Doves (*Geopelia cuneata*), reared.

- 1917.
- July 2. 2 Diamond Doves (*Geopelia cuneata*), reared.
- Aug. 24. 1 Diamond Dove (*Geopelia cuneata*), reared.
- May 30. 2 Auriculated Doves (*Zenaida auriculata*),
reared.
- Aug. 24. 2 Auriculated Doves (*Zenaida auriculata*),
reared.
- Sept. 2. 2 Indian Palm Doves (*Stigmatopelia cam-
bayensis*), reared.
- June 19. 1 Buckley's Ground Dove (*Chamæpelia
buckleyi*).
- July 17. 2 Buckley's Ground Doves (*Chamæpelia
buckleyi*), reared.
- June 7. 1 Crested Pigeon (*Ocyphaps lophotes*), reared.
- July 23. 1 Crested Pigeon (*Ocyphaps lophotes*), reared.
- May 22. 4 Southern Triangular Spotted Pigeons
(*Columba phæonota*), reared.
- June 22. 4 Southern Triangular Spotted Pigeons
(*Columba phæonota*), reared.
- Aug. 18. 6 Common Pheasants (*Phasianus colchicus*),
reared.
- Aug. 18. 4 Silver Pheasants (*Gennæus nycthemerus*),
reared.
- Aug. 18. 1 Hybrid Sonnerat's and Red Jungle-fowl
(*Gallus sonnerati* × *G. gallus*), reared.
- Aug. 18. 1 North-American Turkey (*Meleagris ameri-
cana*), reared.
- July 2. 3 Greater Black-backed Gulls (*Larus
marinus*), reared.

Reptiles.

- 1917.
- Sept. 19. 24 Anacondas (*Eunectes murinus*), (mother
gravid when received, June 21st, 1917),
all dead.

ANIMALS BRED DURING 1918.

Mammals.

- 1918.
- Aug. 28. 2 Striped Hyænas (*Hyæna hyæna*), eaten by
mother.
- Feb. 3. 1 American Black Bear (*Ursus americanus*),
born dead.

- 1918.
- June 17. 1 White-bearded Gnu (*Connochætes albojubatus*), reared.
- June 24. 1 Blackbuck (*Antilope cervicapra*), died Aug. 3rd, 1918.
- July 16. 1 Eland (*Taurotragus oryx*), died Aug. 5th, 1918.
- July 15. 1 Kiang ♀ (*Equus kiang*), reared.
- Aug. 16. 6 Coypus (*Myocastor coypus*), 1 died Aug. 21st, 1918, 5 reared.
- April 23. 3 Coypus (*Myocastor coypus*), born dead.
- Mar. 20. 2 Coypus (*Myocastor coypus*), born dead.
- Sept. 20. 2 Hybrid Crested and S. African Porcupines (*Hystrix cristatus* × *H. africæ-australis*), reared.
- Mar. 5. 1 Mouflon (*Ovis musimon*), born dead.
- June 9. 1 Hybrid Caucasian and Himalayan Ibex (*Capra cylindricornis* × *C. sibirica*), died July 29th, 1918.
- April 18. 1 Barbary Sheep (*Ammotragus lervia*), reared.
- May 3. 2 Grecian Ibexes (*Capra ægagrus*), lived 2 days.
- May 9. 1 Grecian Ibex (*Capra ægagrus*), died July 16th, 1918.
- May 15. 1 Grecian Ibex (*Capra ægagrus*), died June 21st, 1918.
- June 3. 1 Thar (*Hemitragus jemlaicus*), died June 29th, 1918.
- Aug. 10. 1 Thar (*Hemitragus jemlaicus*), died December 8th, 1918.

1918.

Birds.

- June 17. 2 White Storks (*Ciconia ciconia*), hatched about June 10th; died June 20th.
- June 17. 2 Ruddy Sheldrakes (*Casarca casarca*), reared.
- May 30. 6 Upland Geese (*Chloephaga magellanica*), reared.
- April 18. 2 Southern Triangular - spotted Pigeons (*Columba phæonota*), reared.
- July 2. 4 Southern Triangular - spotted Pigeons (*Columba phæonota*), reared.

- July 2. 2 Buckley's Ground Doves (*Chamæpelia buckleyi*), reared.
 July 2. 1 Barred Dove (*Geopelia striata*), reared.
 June 1. 2 Red Grouse (*Lagopus scoticus*), hatched from eggs presented by Capt. Hugh S. Gladstone, F.Z.S., died at 3 weeks.
 Aug. 19. 3 Red Jungle-fowl (*Gallus gallus*), reared.
 June 24. 6 Greater Black-backed Gulls (*Larus marinus*), reared.

ANIMALS BRED DURING 1919.

Mammals.

1919.
 Dec. 16. 2 Polar Bears (*Thalarctos maritimus*), both died December 21st, 1919.
 Dec. 28. 2 Hybrid Black and Brown Bears (*Ursus americanus* × *U. arctos*), still living.
 June 6. 2 Pandas (*Ælurus fulgens*), 1 died December 11th, 1919.
 June 16. 1 Striped Hyæna (*Hyæna hyæna*), born dead.
 May 13. 1 Prairie Wolf (*Canis latrans*), born dead.
 May 4. 1 American Bison (*Bison americanus*), born dead.
 Jan. 28. 1 European Bison (*Bison bonasus*), born dead.
 July 30. 1 White-bearded Gnu ♂ (*Connochaetes albo-jubatus*), reared.
 May 13. 1 Grecian Ibex (*Capra ægagrus*), reared.
 May 22. 1 Grecian Ibex (*Capra ægagrus*), reared.
 July 13. 1 Thar (*Hemitragus jemlaicus*), reared.
 Mar. 15. 4 Coypus (*Myocastor coypus*), dead.
 Aug. 25. 3 Coypus (*Myocastor coypus*), still living.
 July 19. 2 Hybrid Crested and South African Porcupines (*Hystrix cristata* × *H. africæ-australis*), reared.
 Oct. 15. 1 Hairy-rumped Agouti (*Dasyprocta prymnolopha*), reared.

Birds.

- July 11. 3 Ruddy Sheldrakes (*Casarca casarca*), reared.
 July 13. 6 Carolina Ducks (*Lampronessa sponsa*), reared.

- July 13. 5 Spot-billed Ducks (*Anas pæcilorhyncha*), reared.
- July 13. 1 Chestnut-breasted Teal (*Nettion castaneum*), reared.
- July 8. 3 Spot-billed Ducks (*Anas pæcilorhyncha*), not reared.
- July 8. 2 Carolina Ducks (*Lampronessa sponza*), not reared.
- Sept. 3. 2 Southern Triangular-spotted Pigeons (*Columba phæonota*), reared.
- Aug. 2. 1 Crested Pigeon (*Ocyphaps lophotes*), reared.
- Aug. 2. 1 Naked-eyed Pigeon (*Columba gymnophthalma*), reared.
- Aug. 2. 4 Californian Quails (*Lophortyx californica*), reared.
- July 1. 1 African Palm Dove (*Turtur senegalensis*), reared.
- July 1. 1 Barred Dove (*Geopelia striata*), reared.
- July 1. 1 Buckley's Ground Dove (*Chamæpelias buckleyi*), reared.
- July 25. 1 Common Pheasant (*Phasianus colchicus*), dark variety, reared.
- July 25. 2 Red Jungle Fowl (*Gallus gallus*), reared.
- July 25. 1 Hybrid Common and Burmese Peafowl (*Pavo cristatus* × *P. muticus*), reared.
- June 3. 4 Gold Pheasants (*Chrysolophus pictus*), reared.
- June 3. 6 Silver Pheasants (*Gennæus nycthemerus*), reared.
- June 3. 1 Lineated Kaleege Pheasant (*Gennæus lineatus*), reared.
- June 3. 2 North-American Turkeys (*Meleagris gallopavo*), reared.
- May 28. 18 Hybrid Sonnerat's and Red Jungle Fowl, 10 ♂ 8 ♀, (*Gallus sonnerati* × *G. gallus* × *G. gallus*), reared.
- Dec. 17. 3 Hybrid Sonnerat's and Red Jungle Fowl (*Gallus sonnerati* ♂ × *G. gallus* ♀), not reared.
- Aug. 27. 18 Hybrid Sonnerat's and Red Jungle Fowl (*Gallus sonnerati* × *G. gallus* × *G. sonnerati* ♀), reared.
- June 27. 2 Glaucous Gulls (*Larus glaucus*), killed by other gulls.

*List of the Species new to the Collection exhibited during
1915, 1916, 1917, 1918 and 1919.*

(The figures placed before each animal indicate its approximate position in the List of Animals.)

I.—MAMMALS.

- 136 a. *Callimico gældii*, Thomas. Göldi's Monkey.
Hab. Ma River, Bolivia.
a. Deposited, April 14th, 1915.
- 194 a. *Felis salinarum*, Thomas. Salt Desert Cat.
Hab. Cordova, Argentina.
a. Presented by Wilfred A. Smithers, Esq., C.M.Z.S.,
December 16th, 1915.
- 194 b. *Felis pardinoides*, Hensel. Hensel's Cat.
Hab. Bahia.
a. Presented by Wilfred A. Smithers, Esq., C.M.Z.S.,
June 11th, 1917.
- 210 a. *Lutra maculicollis*, Licht. Spotted-necked Otter.
Hab. Sierra Leone.
a. Purchased, December 23rd, 1919.
- 307 b. *Conepatus proteus*, Thomas. Cordovan Skunk.
Hab. Cordova, Argentina.
a. Presented by Wilfred A. Smithers, Esq., C.M.Z.S.,
May 15th, 1917.
- 342 a. *Crocidura russula*, Hermann. White-toothed Shrew.
Hab. Albert, France.
a. Deposited, March 23rd, 1917.
- 345 a. *Erinaceus albiventris*, Wagner. White-bellied
Hedgehog.
Hab. Dakar, Senegal.
a. Presented by Mrs. C. H. A. Reaney, January
20th, 1917.
- 436 a. *Cricetulus griseus*, A. Milne-Edwards. Sand
Hamster.
Hab. Mongolia.
a-b. Presented by A. L. Hall, Esq., December 10th,
1915.
- 436 b. *Cricetulus migratorius*, Pall. Migratory Hamster.
Hab. Kazvin, N. Persia.
a-d. Presented by P. A. Buxton, Esq., December
1st, 1919.

- 468 a. *Ctenomys mendocinus*, Phil. Philippi's Tucutucu.
Hab. Cordova, Argentina.
 a. Presented by Wilfred A. Smithers, Esq., C.M.Z.S.,
 March 2nd, 1915.
- 605 d. *Ovibos moschatus*, Zimm. Musk Ox.
Hab. Greenland.
 a-b. Purchased, October 9th, 1919.
- 762 a. *Didelphys aurita*, Wied. Wied's Opossum.
Hab. Minas Geraes.
 a. Presented by Prof. J. P. Hill, F.R.S., F.Z.S.,
 November, 1915.
- 762 b. *Didelphys albiventris*, Lund. Lund's Opossum.
Hab. Minas Geraes.
 a-b. Presented by Prof. J. P. Hill, F.R.S., F.Z.S.,
 November, 1915.

II.—BIRDS.

- 25 a. *Erithacus akahige*. Japanese Robin.
Hab. Japan.
 a. Deposited, October 13th, 1915.
- 28 a-b. *Copsychus amœnus*. Javan Dial Bird.
Hab. Java.
 a. Deposited, October 27th, 1919.
- 36 b. *Pericrocotus roseus*. Rosy Minivet.
Hab. India.
 a. Presented by E. W. Harper, Esq., F.Z.S., August
 4th, 1915.
- 60 a. *Ixulus flavicollis*. Yellow-collared Ixulus.
Hab. Himalayas.
 a. Deposited, October 13th, 1915.
- 99 d. *Pterorhinus davidi*. Père David's Babbler.
Hab. N. China.
 a. Deposited, July 31st, 1919.
- 100 f. *Dumetia hypererythra*. Rufous-bellied Babbler.
Hab. India.
 a. Presented by E. W. Harper, Esq., F.Z.S., August
 4th, 1915.
- 110 c. *Enneoctonus erythronotus*. Rufous-backed Shrike.
Hab. India.
 a. Presented by E. W. Harper, Esq., F.Z.S., August
 4th, 1915.

- 116 c. *Ægithina viridissima*. Green Iora.
Hab. India.
 a. Presented by E. W. Harper, Esq., F.Z.S., August 4th, 1915.
- 121 a. *Chalcomitra amethystina*. Greater Amethyst Sunbird.
Hab. S. Africa.
 a. Presented by A. Ezra, Esq., F.Z.S., October 20th, 1915.
- 121 b. *Arachnothera magna*. Larger Striated Spider-Hunter.
Hab. Himalayas.
 a-b. Presented by A. Ezra, Esq., F.Z.S., October 1st, 1915.
- 121 c. *Nectarinia kilimensis*. Kilimanjaro Sunbird.
Hab. Uganda.
 b. Deposited, August 9th, 1919.
- 121 e. *Cinnyris afer*. Greater Double-collared Sunbird.
Hab. S. Africa.
 a. ♂ Presented by Alfred Ezra, Esq., F.Z.S., January 4th, 1917.
- 121 f. *Cinnyris mariquensis*. Mariqua Sunbird.
Hab. S. Africa.
 a-f. Deposited, December 21st, 1919.
- 156 a. *Rhamphocelus icteronotus*. Yellow - rumped Tanager.
Hab. Ecuador.
 a. Presented by A. Ezra, Esq., F.Z.S., November 13th, 1915.
- 182 a. *Spermestes nigriceps*. Chesnut-backed Finch.
Hab. E. Africa.
 a-b. Received in exchange, September 8th, 1915.
- 186 b. *Lagonosticta niveiguttata*. Peters's Spotted Finch.
Hab. E. Africa.
 a. Received in exchange, January 15th, 1915.
- 251 a. *Phonipara marcheii*. Jamaica Grass-Finch.
Hab. Jamaica.
 a. Presented by Miss Hopkinson, May 1917.
- 333 c. *Rhodospiza obsoleta* (Licht.). Pink-winged Rose-Finch.
Hab. Central Asia.
 a. Presented by Alfred Ezra, Esq., F.Z.S., September 8th, 1916.

- 414 b. *Sturnus sinensis*. Chinese Starling.
Hab. China.
 a-b. Received in exchange, July 28th, 1915.
- 428 e. *Schlegelia wilsoni*. Wilson's Bird of Paradise.
Hab. Waigiou.
 a-c. Presented by A. E. Pratt, Esq., September 1st, 1915.
- 504 a *Eucichla cyanura*. Blue-tailed Pitta.
Hab. Java.
 a. Deposited, October 27th, 1919.
- 861 b. *Grisella harrisi*. Harris's Owl.
Hab. Ecuador.
 a. Presented by E. J. Brook, Esq., F.Z.S., September 29th, 1915.
- 1066 a. *Tigrisoma salmoni*. Salmon's Tiger Bittern.
Hab. Ecuador.
 a. Presented by E. J. Brook, Esq., F.Z.S., September 29th, 1915.
- 1099 a. *Comatibis eremita*. Red-cheeked Ibis.
Hab. Birijik, Upper Euphrates.
 a-b. Presented by Capt. E. H. Buxton, September 6th, 1919.
- 1280 a. *Nesopelia galapagoensis* (Gould). Galapagan Dove.
Hab. Hood Island, Galapagos Group.
 a. Presented by E. B. Pickthorn, Esq., F.Z.S., May 31st, 1916.
- 1280 b. *Chamæpelia buckleyi*. Buckley's Ground Dove.
Hab. Ecuador.
 a-c. Presented by E. J. Brook, Esq., F.Z.S., September 29th, 1915.
- 1306 b. *Phlogænas rufigula*. Rufous-crowned Ground Dove.
Hab. Waigiou.
 a-d. Deposited, September 13th, 1915.
- 1483 a. *Neocrex erythrops*. Red-faced Crake.
Hab. Venezuela.
 a. Presented by Hugo Pam, Esq., C.M.Z.S., October 4th, 1915.

III.—REPTILES.

- 12 b. *Chrysemys mobiliensis*. Holbrooke's Terrapin.
Hab. N. America.
 a. Presented by Dr. G. H. F. Spurrell, F.Z.S., May 3rd, 1916.

- 166 b. *Phrynosoma brevicornis*. Short-horned Horned Lizard.
Hab. N. America.
 a. Presented by Dr. G. H. F. Spurrell, F.Z.S., May, 3rd, 1916.
- 166 c. *Dipsosaurus dorsalis*. Desert Iguana.
Hab. California.
 a. Deposited, November 13th, 1919.
- 168 a. *Zonurus polyzonus*. Small-scaled Zonure.
Hab. S. Africa.
 a. Presented by Dr. R. Broom, C.M.Z.S., August 2nd, 1917.
- 192 a. *Monopeltis capensis*. South African Amphisbæna.
Hab. South Africa.
 a. Presented by (donor unknown), May 28th, 1919.
- 203 b. *Lacerta taurica*. Taurus Lizard.
Hab. Calamaria, Salonika.
 a-d. Presented by G. H. Colt, Esq., F.R.C.S., June 20th, 1918.
- 238 a. *Chamæleon calcaratus* (Merrem). Indian Chameleon.
Hab. Malabar.
 a. Presented by A. M. Kinloch, Esq., May 11th, 1918.
- 342 a. *Coronella zonata*. Red Ringed Snake.
Hab. California.
 a. Deposited, November 13th, 1919.
- 342 b. *Coronella amabilis*. Western Ring-necked Snake.
Hab. California.
 a. Deposited, November 13th, 1919.
- 363 a. *Trimerorhinus tritaeniatus*. Three-striped Snake.
Hab. Nakuro, British East Africa.
 a. Presented by R. Holmes, Esq., January 19th, 1917.
- 389 c. *Elapechis mæbii*. Möbius's Snake.
Hab. Tamale, Gold Coast.
 a. Presented by Captain C. H. Armitage, C.M.G., D.S.O., F.Z.S., August 18th, 1915.

IV.—BATRACHIANS.

- 23 a. *Leptodactylus mystacinus*. Argentine Frog.
Hab. Cordova, Argentina.
 a-d. Presented by W. A. Smithers, Esq., C.M.Z.S., January 31st, 1916.

- 34 c. *Bufo arenarum*. South American Sand Toad.
Hab. Cordova, Argentina.
a-f. Presented by W. A. Smithers, Esq., C.M.Z.S.,
 January 31st, 1916.
- 38 d. *Hyla pulchella*. Beautiful Tree Frog.
Hab. Cordova, Argentina.
a-l. Presented by Wilfred A. Smithers, Esq., C.M.Z.S.,
 January 29th, 1917.
- 49 a. *Phyllomedusa sauvagei*. Sauvage's Tree Frog.
Hab. Cordova, Argentina.
a. Presented by Wilfred A. Smithers, Esq., C.M.Z.S.,
 October 20th, 1915.
- 79 a. 2 *Siphonops annulatus*. South American Cæcilian.
Hab. Brazil.
a-b. Presented by Prof. J. P. Hill, F.R.S., F.Z.S.,
 April 4th, 1916.

*Principal Donors to the Collection with lists of their
 chief donations for the years 1915-1918.*

- ABERCORN, His Grace The DUKE OF, F.Z.S. 1915, 2
 Grey-necked Crowned Cranes; 1916, 4 Grey-necked
 Crowned Cranes, 1 Emu.
- ARMITAGE, Capt. C. H., C.M.G., D.S.O., F.Z.S. 1915, 1
 Anubis Baboon, 5 Patas Cercopitheques, 1 Green
 Cercopitheque, 1 Korin Gazelle, 1 Crowned Duiker,
 1 Waterhouse's Genet, 1 Thick-tailed Dormouse, 3
 Spurwing Geese, 2 White-necked Crows, 1 Long-
 nosed Crocodile, 1 Bell's Cinixys, 1 Black Sternothera,
 1 Möbius's Snake, 2 Carpet Vipers, 1 Night Viper, 1
 Sooty Snake, 3 Rufescent Snakes, 8 Shielded
 Burrowing Snakes; 1917, 4 Ostriches.
- ASTOR, The Viscount, F.Z.S. 1918, 3 Straw-necked Ibises,
 1 Scarlet Ibis, 1 Himalayan Monaul, 1 Peacock
 Pheasant, 2 Swinhoe's Pheasants.
- BECKLEY, Mr. A. J. 1915, 1 Patas Cercopitheque, 2
 African Civets, 1 Slender Sand Snake.
- BEDFORD, His Grace The DUKE OF, K.G., President
 Zoological Society. 1916, 1 Anoa, 2 Kashmir Deer,
 1 Père David's Deer.
- BOHMER, Mr. O. H. 1916, 1 Bay Duiker.
- BOWRING, Commdr. L. V., R.N. 1916, 2 Blue Arctic
 Foxes

- BROCKLEHURST, Mr. G. 1916, 2 South-American Mudfish.
- BROOK, Mr. E. J., F.Z.S. 1915, 1 Ocelot, 1 Kinkajou, 1 Fraser's Squirrel, 1 Spiny Tree Porcupine, 1 Hybrid Sarus Crane, 1 Harris's Owl, 1 Salmon's Tiger Bittern, 1 Peruvian Ground Dove, 3 Buckley's Ground Doves.
- CAREW, Lieut. Wymond Pole-. 1916, 1 Lion Cub.
- CHAPLIN, Master Anthony. 1916, 2 Colombian Crested Colins.
- COOPER, Mr. Walter E. 1915, 2 Reeves's Terrapins, 1 Hilaire's Terrapin, 1 Bennett's Terrapin, 2 Ceylonese Terrapins, 1 Stink-pot Terrapin, 1 European Pond Tortoise, 1 Carolina Box-Tortoise, 1 Amboina Box Tortoise.
- DRAKE-BROCKMAN, Dr. R. E., F.Z.S. 1915, 1 Caracal, 1 Fettered Cat.
- DYER, Capt. William. 1916, 1 Southern River-Hog, 1 Isabella Gazelle.
- ELDRED, Mr. E. J. H. 1916, 3 Great Bustards.
- EZRA, Mr. Alfred, O.B.E., F.Z.S. 1915, 2 Burrhel Sheep, 1 Lesser Double-collared Sunbird, 2 Amethyst-rumped Sunbirds, 1 Greater Amethyst Sunbird, 1 Sepoy Finch, 1 Teydean Chaffinch, 1 Thick-billed Seed-eater, 1 Abyssinian Love-bird, 1 Blue-rumped Parrakeet, 2 Hardwick's Bulbuls, 1 Blue-headed Rock Thrush, 1 Yellow-rumped Tanager, 1 Jambu Fruit-Pigeon, 2 Larger Streaked Spider Hunters; 1916, 3 Waxwings, 1 Pink-winged Rose-Finch, 1 Golden Tanager, 1 Sclater's Orange-headed Tanager, 1 Greater Amethyst Sunbird, 3 Yellow-breasted Buntings; 1917, 2 Himalayan Goldfinches, 1 Yellow-backed Sunbird, 1 Greater Double-collared Sunbird; 1918, 1 Nightingale, 2 Purple Sunbirds, 1 Amethyst-rumped Sunbird, 1 Lesser Double-collared Sunbird.
- HALL, Mr. A. L. 1915, 3 Mongolian Sousliks, 2 Sand Hamsters, 3 Great Eagle Owls.
- HAMILTON, Lady Ian. 1918, 1 Kea Parrot.
- HARPER, Mr. E. W., F.Z.S. 1915, 1 Green Iora, 1 Rosy Minivet, 1 Rufous-backed Shrike, 1 Rufous-bellied Babbler, 2 Crimson-winged Whydah-birds, 3 Brown-capped Fire Finches, 1 Southern Fruit-Pigeon.
- HILL, Prof. J.P., F.R.S., F.Z.S. 1915, 2 Lund's Opossums, 1 Wied's Opossum; 1916, 2 South American Cæcilians.

- HOPKINSON, Dr. E., D.S.O., F.Z.S. 1915, 9 West African Quail Finches, 4 Fire Finches, 2 Buff-breasted Partridges, 1 Brown-necked Parrot, 1 Rose-ringed Parrakeet.
- HUTTON, Mr. Gordon R. W. 1915, 2 Green Cerco-pitheques, 1 Brown Capuchin, 1 Squirrel Monkey, 1 Kinkajou, 4 Rough-eyed Caymans.
- JOHNSON, Major Frank, F.Z.S. 1915, a collection of 174 Birds, comprising British and Foreign Finches, Budgerigars, Plovers, etc.
- KINLOCH, Mr. A. M. 1918, 1 Indian Chameleon.
- LING, Mrs. H. B. 1915, 1 Urial Sheep ♂.
- LODER, Sir Edmund G., Bart., F.Z.S. 1916, 2 Axis Deer; 1917, 3 Bennett's Wallabies, 6 Coypus.
- MIGEOD, Mr. Charles. 1915, 2 Senegal Genets.
- O'DONNELL, Mr. George. 1915, 2 Azara's Dogs.
- PAM, Major Albert, O.B.E., F.Z.S. 1915, 2 Gay's Frogs.
- PAM, Mr. Hugo, C.M.Z.S. 1915, 1 Hairy Tree Porcupine, 1 Lesser Rufous-headed Tanager, 2 Maroon Tanagers, 1 Black-cheeked Cardinal, 5 Jacarini Finches, 2 Rose-breasted Grosbeaks, 1 Scarlet Cardinal, 2 Guttural Finches, 1 Black-headed Lined Finch, 5 Saffron Finches, 2 Pileated Song Sparrows, 1 Black Hangnest, 2 Golden-headed Hangnests, 3 Bobolinks, 1 Guiana Love-Bird, 1 Orinoco Goose, 1 Rusty Buzzard, 1 Daubenton's Curassow, 1 Helmeted Curassow, 1 Red-faced Crake, 1 Red-vented Parrot, 1 Dusky Parrot.
- POMEROY, Mr. W. K., F.Z.S. 1915, 1 Three-banded Douroucoulis, 1 White-lipped Peccary, 3 White-browed Hares, 2 Red-tailed Guans, 1 Red and Blue Macaw, 2 Golden Hangnests, 1 Mexican Hangnest.
- PORTAL, Major Maurice, F.Z.S. 1915, 1 Slowworm, 2 Edible Frogs; 1916, 2 Wild Boars.
- PRATT, Mr. A. E. 1915, 2 Wilson's Birds of Paradise.
- RAINIER, Lieut. - Commander J. W., R.N. 1917, 1 Chimpanzee.
- ST. QUINTIN, Mr. W. H., F.Z.S. 1917, 3 Snow Finches, 2 Southern White-cheeked Finch-Larks, 1 Spoonbill, 1 Peacock Pheasant, 1 Cabot's Tragopan, 2 Horned Tragopans, 3 Bewick Swans, 1 Snipe, 1 Australian Crane; 1918, 1 Ruby-throated Warbler, 2 Stanley

Cranes, 1 Black-necked Crowned Crane, 1 Sonnerat's Jungle-fowl, 1 Japanese Teal, 2 Chestnut-breasted Teal.

- SEDGWICK, Mrs. Hilda D. 1918, 4 Verticillated Geckos.
 SMITHERS, Mr. Wilfred A., C.M.Z.S. 1915, 2 Pumas, 2 Eyra Cats, 1 Salt Desert Cat, 1 Grison, 1 Philippi's Tucutucu, 1 Chilian Sea Eagle, 1 Garden's Night Heron, 1 Argentine Tortoise, 1 Sauvage's Tree-Frog. 1917, 1 Grison, 1 Cordovan Skunk, 1 Viscacha, 1 Hensel's Cat, 1 Black Vulture, 2 Burmeister's Cariamas, 1 Argentine Tortoise, 1 Red Teguxin, 12 Beautiful Tree-Frogs.
 SPURRELL, The late Dr. G. H. F., F.Z.S. 1917, 1 Demidoff's Galago, 1 Two-spotted Palm-Civet.
 TAVISTOCK, The MARQUESS OF, F.Z.S. 1917, 1 Lesser Vasa Parrakeet.
 WICKHAM, Miss Stella. 1917, 1 Humboldt's Woolly Monkey.
 WILLOUGHBY, Mr. Hugh M. 1915, 1 Leopard.
 WINGFIELD, Mr. A. H., F.Z.S. 1915, 1 Sing-Sing Waterbuck.

*List of Donors and their Donations for the
Year 1919.*

- ALEXANDER, Sir Claud, Bt., F.Z.S. July 7th. 1 Grey Lag Goose, 1 Hybrid Hutchins' and Bernicle Goose.
 ALLEN, Capt. W. Aug. 8th. 1 Wild Sow.
 ANDERSON, Dr. William. Jan. 31st. 2 Tovi Parrakeets, 1 Petz's Conure.
 ARCHER, Mr. G. F., C.M.G. June 26th. 2 Cheetahs, 2 Bateleur Eagles.
 ARMATEY, Mr. J. D. Oct. 1st. 1 Derbian Sternothera.
 ARMITSTEAD, Mr. H. A. Oct. 21st. 2 Arctic Foxes.
 ARTER-BOURNE, Mrs. T. R. Sept. 26th. 1 Greater Sulphur-Crested Cockatoo.
 ASHTON, Mr. Arthur A. Dec. 4th. 1 Common Macaque.
 ASHWORTH, The Misses. May 15th. 2 Alligators.
 ASTLEY, Mr. Hubert D., F.Z.S. Sept. 25th. 2 Masked Doves, 2 Stanley Parrakeets. Sept. 29th. 1 Colombian Siskin.
 ASTOR, The Viscountess, M.P. April 8th. 1 Red and Blue Macaw, 1 Blue and Yellow Macaw.

- AUSTEN, Major E. E., D.S.O., F.Z.S. Jan. 15th. 2
Caspian Terrapins.
- BAKER, Mr. Fred G. Nov. 12th. 1 Common Macaque.
- BANNISTER, Mr. G. H. April 18th, May 31st. 2 Slow-
worms, 4 Common Snakes, 19 Common Vipers.
- BANSI Basti, The Rani of. Oct. 4th. 1 Leopard, 2
Striped Hyænas.
- BARLOW, Capt. R. G., R.A.S.C. May 21st. 1 Common
Rhea.
- BASTAIN, Mrs. L. H. June 13th. 1 Budgerigar.
- BEACHER, Mr. A. C. Mar. 26th. 2 Indian Crocodiles.
- BEACHER, Major. April 5th. 1 Peregrine Falcon.
- BEATTY, Mr. G. W. Jan. 7th. 1 Rhesus Macaque.
- BEAZLEY, Mrs. L. J. Feb. 11th. 1 Ring-necked
Parrakeet.
- BENSON, Commdr. C. H. G., D.S.O., R.N. Aug. 19th.
1 Levillant's Amazon.
- BENTLEY, Mr. Arthur. Nov. 15th. 1 Bonnet Macaque.
- BERKELEY, The Earl of. Sept. 1st. 1 Badger.
- BERKSHIRE, 7th Royal Regt. Dec. 15th. 1 Caucasian
Brown Bear, *see* "Theseus" H.M.S.
- BERTIE, Lady Muriel. Dec. 7th. 2 Quaker Parrakeets.
- BETTINGTON, Mrs. Digby. May 14th. 1 Thick-tailed
Dormouse.
- BOLTON, Mr. J. W. Oct. 9th. 2 Flap-necked Chameleons.
- BOOTH, Mr. Henry B. July 29th. 1 Raven.
- BORLAND, Mr. J. Halliday. May 31st. 1 Chopi Starling,
1 Brazilian Hangnest.
- BOULENGER, Dr. G. A., F.R.S., F.Z.S. June 17th. 23
European Tree Frogs, 11 Edible Frogs, 8 Midwife
Toads and 50 Tadpoles, 60 Alpine Newts, 20
Palmated Newts.
- BOURKE, Mrs. Southwell. Dec. 3rd. 1 Yellow Conure.
- BRADBURNE, Mrs. Lorna, F.Z.S. May 3rd. 2 Common
Foxes.
- BRAILSFORD, Mr. George. Nov. 16th. 1 Ring-necked
Parrakeet.
- BRAMSON, Mrs. A. Jan. 16th. 1 Bonnet Macaque.
- BREMNER, Dr. A. Dec. 13th. 1 Matamata Terrapin.
- BRIDGEN, Mr. J. Sept. 2nd. 1 Greater Sulphur-crested
Cockatoo.
- BROWN, Mrs. A. E. Oct. 11th. 1 Yellow-cheeked
Amazon.

- BURLESS, The Rev. Harold. Sept. 5th. 1 Common Macaque.
- BURN, Mr. Alfred K. Aug. 14th. 1 Common Genet.
- BUXTON, Capt. E. H. Sept. 6th. 2 Red-cheeked Ibises.
- BUXTON, Mr. J. A. D. June 9th. 1 Tawny Owl.
- BUXTON, Mr. P. A. Nov. 30th. 4 Migratory Hamsters.
- CADOGAN, Lt.-Comdr. Francis, R.N., F.Z.S. Dec. 15th.
See Berkshire, 7th Royal Regt., also "Theseus," H.M.S.
- CANHAM, Mr. Edward. Feb. 14th. 1 Starred Tortoise, 1 Ceylonese Terrapin.
- CASWELL, Mr. T. H. June 29th. 1 Squirrel Monkey.
- CATFORD, Mr. Geoffrey. Oct. 14th. 1 Green Cerco-pitheque.
- CAWS, Mr. Richard. April 28th. 1 Grey Parrot.
- CHOUBA, Mr. Alfred. Aug. 31st. 1 Sparrowhawk.
- CLARKE, Capt. A. F. May 22nd. 1 Green Turtle.
- COCKS, Mr. A. H., F.Z.S. May 21st. 2 Long-tailed Wood-Mice.
- COOKSON, Capt. C. Sawrey. Oct. 17th. 1 Rhesus Macaque.
- COPCUTT, Mr. T. E. J. Aug. 20th. 1 Raven.
- COTTON, Mr. W. B., I.C.S., F.Z.S. Oct. 4th. 1 Blackbuck ♀, 1 Sambar Deer ♀.
- COURAGE, Mr. Oswald M. Oct. 13th. 3 Black Rats.
- CULLINGFORD, The Executors of the late Mr. J. N., F.Z.S. May 14th. 1 Tawny Owl.
- CURA & SONS. April 23rd. 1 Golden Rudd, 4 Common Catfish, 4 Leather Carp.
- DALE, Miss I. July 25th. 1 Blue-fronted Amazon.
- DANIELL, Major J. A. S., O.B.E., D.S.O. Nov. 26th. 1 Ring-necked Parrakeet.
- DARWIN, Lady F. Henrietta. Nov. 5th. 1 White-collared Mangabey.
- DAVIES, Mr. H. Cotterill. June 30th. 2 Grey Squirrels.
- DE COURCY, Capt. W. G. June 17th. 1 Bonnet Macaque.
- DELACOUR, Mons. Jean, F.Z.S. July 18th. 2 Greenish Hangnests, 1 Yellow Hangnest.
- DELMÉ-RADCLIFFE, Major A., F.Z.S. March 23rd. 1 Chukar Partridge.
- DE TRAFFORD, Mr. Galfrid. Aug. 31st. 3 Goshawks.
- DIBDEN, Mr. E. T. Aug. 12th. 1 Common Macaque.
- DICKSON, Dr. I. W. May 22nd. 1 Greek Tortoise.

- DOWE, Mrs. E. July 30th. 1 Paradise Whydah-bird,
2 Red-beaked Weaver-birds, 1 Madagascar Weaver-
bird, 1 Zebra Finch, 1 Grey-headed Love-bird, 1
Ring-necked Parrakeet.
- DOWNER, Mr. S. April 17th. 1 Bonnet Macaque.
- DRUISS, Mrs. Dec. 11th. 1 Grey Parrot.
- DURTNALL, Mr. Henry. Nov. 17th. 1 Common Dor-
mouse.
- ECCLES, Mr. Herbert. May 10th. 1 Peregrine Falcon.
- EVERITT, Mrs. C. E. Nov. 19th. 1 Blue-fronted
Amazon.
- "EXCELLENT," The Capt. and Officers of H.M.S.
April 30th. 1 Brown Bear.
- EYRE, Mrs. E. G. May 29th. 1 Red and Yellow
Macaw, 1 Blue and Yellow Macaw.
- EZRA, Mr. Alfred, O.B.E., V.P.Z.S. Dec. 30th. 2 Tigers,
1 Caracal.
- EZRA, Mr. David, F.Z.S. Nov. 4th. 1 Axis Deer ♀, 1
Sarus Crane, 2 Common Cranes, 5 Purple Porphyrios,
3 Burmese Peafowl.
- FABER, Mr. Walter, F.Z.S. May 25th. 2 Algerian Tor-
toises.
- FARMER, Mrs. Bretland. April 5th. 1 Ring-necked
Parrakeet.
- FARNE ISLANDS ASSOCIATION. July 25th. 7 Eider Duck
Eggs (5 Birds hatched in Gardens).
- FENWICK, Mr. N. Nov. 14th. 3 Kestrels.
- FERGUSON, Mrs. Russell. Sept. 5th. 1 Oyster-catcher.
- FIENNES, H. E., Lt.-Col. The Hon. Sir Eustace, Bart.
Aug. 16th. 2 Elephantine Tortoises.
- FLETCHER, Mr. Henry M. Dec. 12th. 1 Badger.
- GAWEN, Mr. C. Roberts. Oct. 13th. 1 Black-necked
Crowned-Crane.
- GELLEY, Mr. P. March 25th. 2 Jays.
- GERRARD, Mrs. Frank. May 1st. 1 Greek Tortoise.
- GLADSTONE, Sir John R., Bt., F.Z.S. Sept. 16th. 2
Merlins.
- GOODYEAR, Mr. Harold. Sept. 5th. 1 Bonnet Macaque.
- GREGORY, Mrs. E. L. April 15th. 1 Green Cerco-
pitheque.
- GROOTE SCHUUR ESTATE, MANAGER OF THE. March 20th.
2 Meerkats.
- GUNN, Mr. T. E. Nov. 6th. 12 Natterjack Toads.

- HAGGARD, Mrs. Charles. July 4th. 1 Common Macaque.
 HALLEY, Mrs. W. May 8th. 1 Roseate Cockatoo.
 HAMMOND, Arthur F., Lt. Q.O.W. Hussars. Sept. 27th.
 1 Mozambique Cercopitheque.
 HAMPSHIRE REGIMENT, The Officers and Men of the
 1/5th Battn. Nov. 26th. 1 Himalayan Bear.
 HANDFORD, Miss A. Dec. 14th. 1 Red Squirrel.
 HANDLEY, Mr. J. Davenport. May 19th. 1 Badger.
 HANKS, Mr. H. C., 2nd Officer S.S. "Kandelfels."
 Dec. 30th. 1 Coquerel's Mouse Lemur.
 HARDY, Mr. William. April 1st. 1 Rhesus Macaque.
 HARLOCK, Miss E. L. Sept. 5th. 1 Alexandrine Parra-
 keet.
 HAY, Dr. M. B. June 10th. 1 Red Tiger Cat.
 HAYDEN, Mr. John W. Sept. 22nd. 4 Sparrow Hawks,
 1 Kestrel.
 HERFORD, Mrs. M. H. Oct. 11th. 1 Budgerigar.
 HICKLING, Miss M. Oct. 13th. 1 Green Cercopitheque.
 HOOPER, Mr. W. J. Sept. 16th. 1 Common Fox.
 HOPKINSON, Dr. E., D.S.O., F.Z.S. June 19th. 1 Red-
 faced Love-bird, 2 Black-shouldered Kites, 1 Double-
 spurred Francolin, 1 Green Singing Finch, 2 Blue-
 breasted Waxbills, 23 West African Quail Finches,
 24 Common Fire Finches, 5 Spotted Fire Finches,
 2 Orange Weaver-birds, 6 Napoleon Weaver-birds.
 HOWARTH, Dr. William. April 3rd. 9 Black Rats.
 HOWATSON, Mr. Charles W. Sept. 22nd. 1 Brazilian
 Tortoise.
 HUGHES, Mr. Spencer. Oct. 15th. 1 Jackdaw.
 HUMPHRIES, Mr. Edward A. May 31st. 1 Ring-necked
 Parrakeet.
 "HYACINTH," H.M.S. Aug. 6th. 1 Leopard.
 JAMES, Major, Australian A.S.C. Oct. 16th. 1 Abyssinian
 Cercopitheque.
 JAMES, Miss A. M. Jan. 28th. 1 Greater Sulphur-crested
 Cockatoo.
 JANIS, Mrs. Feb. 13th. 1 Alexandrine Parrakeet.
 JOHNSON, Mr. A. H. May 29th. 1 Common Squirrel.
 JOHNSTONE, Mrs. E. J. Aug. 28th. 6 Sunfish.
 JONES, Mr. R. Sept. 16th. 1 Guinea Baboon.
 JONES, Capt. W. Eyton. July 14th. 1 Marabou Stork.
 JUDD, Mrs. Walter. Sept. 7th. 1 Blue-fronted Amazon.
 JULER, Mrs. F. Jan. 14th. 1 Roseate Cockatoo.

- KEARTON, Mr. Richard, F.Z.S. June 30th. 2 Little Owls, 1 Slowworm, 1 Common Viper.
- KELSALL, The Rev. J. E. June 3rd. 1 Common Viper.
- KEW, ROYAL BOTANIC GARDENS. Dec. 5th. 2 Red-crested Pochards, 1 American Wigeon, 2 Hybrid Bahama Ducks.
- KLEIN, Mr. Harry M. Nov. 12th. 1 Basilisk Chameleon.
- KNUTSFORD, Viscount, F.Z.S. April 28th. 1 Amherst's Pheasant.
- LAL, Dr. Gulzeri. Oct. 4th. 1 Blackbuck ♂.
- LANCE, Lieut.-Col. Fred. F. Aug. 15th. 1 Chukar Partridge.
- LANE, Mr. R. T. March 15th. 1 Alexandrine Parrakeet.
- LAWRENCE, Mrs. S. E. Oct. 27th. 1 Bonnet Macaque.
- LEAD, Mrs. M. June 26th. 1 Green Cercopitheque.
- LEHMANN, Mr. Charles. July 9th. 1 Egyptian Goose.
- LENEY, Mr. M. F., F.Z.S. Jan. 8th. 2 Long-tailed Wood-Mice, 2 Common Toads, 3 Crucian Carp.
- LEONARD, Mr. Julian M. Oct. 11th. 3 Budgerigars, 1 Red-beaked Weaver-bird, 1 Canary.
- LIGHT, Mr. A. Jan. 28th. 1 Bonnet Macaque.
- LOBLEY, Mr. Jack. Dec. 9th. 1 Rhesus Macaque.
- LODER, Sir Edmund G., Bt., F.Z.S. April 16th. 2 Bennett's Wallabies.
- LUCAS, Dr. Nathaniel S., F.Z.S. Oct. 7th. 1 Sparrow Hawk.
- MCRITCHIE, Mr. John A. Oct. 6th. 2 Goldfinches, 2 Chaffinches, 1 Bullfinch.
- MALPAS, Capt. J. G. Aug. 22nd. 1 Common Macaque.
- MANN, Mr. E. W. July 24th. 4 Common Rheas.
- MARSH, Mr. C. May 14th. 1 Alexandrine Parrakeet.
- MASLIN, Mr. Ernest. June 9th. 1 Heron.
- MATHER, Prof. July 15th. 1 Badger.
- MEADE-WALDO, Mr. E. G. B., F.Z.S. April 19th. 1 Stoat.
- MIDDLETON, Master B. May 19th. 1 Common Toad.
- MILLS, Miss Hermia. Oct. 4th. 2 Budgerigars.
- MITCHISON, Mrs. Oct. 14th. 3 Ring-necked Pheasants.
- MORGAN, Mr. Rhys. Dec. 3rd. 1 Common Macaque.
- MORGAN, Mrs. Dec. 31st. 1 Budgerigar.
- MORTON, Mr. W. Aug. 21st. 4 Spotted Salamanders.
- MOTH, Mr. A. Jan. 2nd. 1 Blue-fronted Amazon.
- MOXLEY, Mrs. Elsa. Aug. 13th. 2 Cockatiels.

- MOYSEY, Mrs. E. L. Sept. 22nd. 2 Ring-necked
Parrakeets.
- MULLEY, Mrs. Florence. Dec. 24th. 1 Rhesus Macaque.
- MURRAY, Capt. H. W., F.Z.S. Oct. 13th. 2 Hybrid
Wolves, 4 Orange Weaver-birds, 1 Black-headed
Mannikin, 1 Three-coloured Mannikin.
- MURRAY, Mrs. Marie. Dec. 18th. 1 Rhesus Macaque.
- NAIRNE, Surg.-Lieut. N. Spencer, R.N. March 20th.
1 Banded Mongoose, 1 Black-headed Weaver-bird,
4 Bronze-winged Finches, 4 Green Singing Finches,
1 Grey-headed Sparrow, 2 Areolated Tortoises.
- NAPIER, Mr. P. H. March 25th. 2 Yemmeny Pigeons.
- NEWMAN, Mr. T. H., F.Z.S. Dec. 18th. 1 White-
throated Pigeon, 1 Hybrid Rock-Pigeon.
- NICHOLAS, Capt. P. O. July 7th. 1 South African
Ground Hornbill.
- NICHOLAS, Mr. Philip. Sept. 9th. 1 Galeated Pentonyx.
- NOBLE, Sir George J. W., Bt., F.Z.S. Jan. 25th. 2 Lion
Marmosets.
- PAGE, Mr. Robert E. April 10th. 1 Bonnet Macaque.
- PAGE, Mr. Thomas R. W. Nov. 5th. 1 Dwarf
Chameleon.
- PAM, Major Albert, O.B.E., F.Z.S. June 19th. 2 Tench,
1 Roach.
- PARKER, Mr. E. May 29th. 1 Algerian Tortoise.
- PAYAGPUR, The Raja of. Oct. 4th. 2 Lions, 3 Leopards,
1 Nylghaie.
- PETTITT, Mr. John. Nov. 7th. 1 Common Chameleon.
- PHILASIX, Mme. Mar. 27th. 77 Spotted Salamanders.
- PHILLIPS, Mr. Mandeville B. June 27th. 1 Magpie.
- PILKINGTON, Lady Kathleen. June 13th. 1 Indigo
Bunting, 1 Purple Sugar-bird, 1 Yucatan Jay.
- POCOCK, Master Constantine. Oct. 4th. 1 Bank Vole,
1 Long-tailed Wood-Mouse.
- POPHAM, Mrs. J. M. 2 Red-footed Ground-Squirrels.
- RAWLINSON, Gen. The Lord, G.C.B., G.C.V.O., K.C.M.G.
March 12th. 1 Wild Boar.
- RICHARDSON, Mr. H. S. July 24th. 1 Rook.
- RICHARDSON, Mr. Marris. Oct. 23rd. 1 Rhesus Macaque.
- RICKETT, Mrs. H. March 26th. 1 Leadbeater's Cockatoo.
- ROUSBY, Mr. E. Dec. 8th. 1 Roseate Cockatoo.
- ROWLEY, Mr. Thomas. Sept. 20th. 1 Common Fox.
- SADLER, Miss Dorothy. May 26th. 1 Bullfinch.

- ST. QUINTIN, Mr. W. H., F.Z.S. April 4th. 1 Sonnerat's
Jungle-fowl.
- SALMON, The Rev. H. D. Sept. 6th. 1 Common Viper.
- SANDFORD, Capt. P. Purefoy, R.A.S.C., F.Z.S. July 28th.
1 Wild Sow.
- SCOTT, Miss Ethel. Dec. 10th. 1 Bonnet Macaque.
- SEARLE, Mr. William. July 26th. 1 Roseate Cockatoo.
- SIM, Mrs. Aug. 8th. 1 Blue and Yellow Macaw.
- SMITH, Mr. G. July 4th. 1 Common Macaque.
- SMITH, Miss B. A. Aug. 5th. 1 Roseate Cockatoo.
- SNEPP, Mrs. Neville. March 1st. 1 Barbary Turtle
Dove.
- SOLOMON, Major Philip H., R.F.A. June 23rd. 2
Domestic Geese.
- SOPPER, Lt.-Col. F. W. May 30th. 3 Common Foxes,
2 Golden Eagles.
- SPENCER, Miss M. R. Feb. 21st. 1 Quaker Parrakeet.
- STAUNTON, Mrs. Jan. 22nd. 2 Budgerigars.
- STEPHENS, Mr. J. R. C. Nov. 6th. 1 Egyptian Kite.
- STREET, Miss Edith L. H. Jan. 11th. 1 Saffron Finch,
1 Guiana Love-bird.
- TALBOT-PONSONBY, Mr. C. G. Feb. 22nd. 3 Red Jungle-
fowls.
- TATHAM, Mr. July 26th. 2 Spotted Cavies.
- TAVISTOCK, The Marquess of, F.Z.S. March 11th. 2
Meyer's Parrakeets. Oct. 27th. 2 One-wattled Casso-
waries, 2 Painted Quails.
- TAYLOR, Mrs. E. June 5th. 1 Guillemot.
- TERRELL, Mrs. C. D. July 29th. 2 Greek Tortoises.
- "THESEUS" H.M.S. Dec. 15th. *See* Berkshire, 7th
Royal Regt.
- THOMPSON, Miss G. April 7th. 1 Ring-tailed Lemur.
- THOMPSON, Mr. M. H. Sept. 24th. 1 Dwarf Chameleon.
- TUBB, Mrs. Oct. 18th. 1 Rhesus Macaque.
- TURNER, Master Hayes. Feb. 20th. 1 Vulpine Opossum.
- TRUNDLE, Mr. F. W. March 31st. 1 Black Rat.
- VAN SOMEREN, Dr. V. G., C.M.Z.S. July 22nd. 1 Ross's
Plantain-eater, 1 Bare-faced Fruit-Pigeon, 2 Grant's
Francolins.
- VARLEY, Mrs. Gilbert. Sept. 22nd. 1 Jackdaw.
- WAIT, Miss L. M. St. A., F.Z.S. Feb. 14th. 1 Hybrid
Green and Grey Singing-Finch, 1 Lined Finch, 1
Grey Singing Finch, 1 Angolan Singing-Finch.

- WALEY, Major Alec, R.E., F.Z.S. March 27th. 9 Silver Pheasants.
- WALKER, Mrs. M. Sept. 15th. 1 Madagascar Weaverbird, 1 Hybrid Canary and Green Singing-Finch.
- WEBB, Mrs. G. M. May 12th. 1 Rhesus Macaque.
- WEIGALL, Miss Ida Hope. Jan. 10th. 2 Common Marmosets.
- WHARTON, Mrs. Sept. 20th. 1 Budgerigar.
- WHEELER, Miss Dorothy. Aug. 3rd. 1 Budgerigar.
- WILLIAMSON, Mr. E. June 19th. 1 Quaker Parrakeet.
- WILSON, Mr. H. Sept. 5th. 1 Larger Hill Mynah.
- WILSON, Mr. L. M. March 11th. 1 Roseate Cockatoo.
- WINDHAM, Lady Edith. Sept. 2nd. 1 Nightingale.
Feb. 21st. 1 Sallé's Amazon. March 18th. 1 White-fronted Dove, 2 Californian Quails.
- WITHAM, Mr. F. J. Aug. 23rd. 1 Common Macaque.
- WITHERS, Mrs. Ernest. May 28th. 1 Greater Sulphur-crested Cockatoo.
- WRAGG, Mr. D. H. July 16th. 1 Black-headed Finch.
- WRIGHT, Mr. Frank E. May 12th. 1 Blue-fronted Amazon.
- WYATT, Mrs. Dec. 13th. 2 Dwarf Chameleons.
- WYNDHAM, Capt. W., F.Z.S. July 8th. 1 Orange-winged Amazon.

ACCOUNTS.

29. RETIREMENT OF THE SOCIETY'S ACCOUNTANT.—Mr. John Barrow, the Society's Accountant, retired on December 31st, 1919, after 50 years' service. The Council granted him a pension at the rate of £300 a year. Mr. Barrow was well known to all Fellows who had any concern with the official business of the Society and was highly esteemed for his courteous manners and the conscientious and efficient discharge of his duties.

30. APPOINTMENT OF ACCOUNTANT.—Mr. F. W. Bond, Assistant Accountant, was appointed to succeed Mr. Barrow. He has been in the Society's Service since November 1903, except for the period when he was on Active Service during the war, and is already well acquainted with his duties.

31. STATE OF THE FINANCES.—The Report of the Auditors of the Accounts for 1919 is issued to Fellows, bound with this report.

32. ASSETS 1918 AND 1919.—The Total Assets of the Society amounted to £111,350 7s. 8d., an increase of £16,698 8s. 7d. on the corresponding figures for 1918. The increase is due chiefly to the increased cash balance.

33. LIABILITIES 1918 AND 1919.—The cash and contingent liabilities amounted to £23,595 12s. 0d., an increase of £9,860 11s. 4d. on the corresponding figures for 1918, due chiefly to the amount reserved for contracts not completed.

34. BALANCE 1918 AND 1919.—The balance, a surplus of assets over liabilities, amounted to £87,754 15s. 8d., an increase of £6,837 17s. 3d. over the corresponding figure for 1918, and representing the difference between the increase in assets (paragraph 32) and increase in liabilities (paragraph 33).

35. INCOME 1918 AND 1919.—There was a very large increase in the income for 1919, due chiefly to increase in the numbers of visitors to the gardens.

36. EXPENDITURE 1918 AND 1919.—As soon as the increasing receipts justified it, the Council began the necessary restoration of the gardens and increased the purchases of animals. The general lowering in the purchasing power of money greatly increased the cost of provisions and of materials. It was also necessary to increase the remuneration of the staff. The war bonus granted to the menagerie gardeners and works' staff and to the junior clerical assistants was increased to £1 a week in the case of adults, and ten shillings a week for those under 18 years, and was made a permanent addition to the pre-war rate of wages. In the case of the higher officials, an increase of approximately one-third of their former salaries was granted, after confirmation at a monthly meeting of the Society.

37. GENERAL STATE OF THE FINANCES.—The Council look forward with confidence to the future prosperity of

the Society. The policy they adopted in August 1914 of cutting down the expenditure to the barest requirements for maintenance has justified itself. The Society has come through the war without having to employ its reserves, and was thus able to begin restoration as soon as the income began to increase.

38. 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.

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, 1920.

REPORT OF THE COMMITTEE OF AUDITORS OF THE ACCOUNTS

OF THE

ZOOLOGICAL SOCIETY

OF LONDON,

APPOINTED JANUARY 21st, 1920.

The Committee of Auditors of the Zoological Society of London, appointed on 21st January, 1920, submit to the Society the annexed Statement of Accounts for the year ended 31st December, 1919.

We have pleasure in reporting that we have examined the Statement of Accounts of the Society at 31st December, 1919, with the books of the Society, that we have verified the balances in the Bankers' hands and that in our opinion the Balance Sheet exhibits a correct view of the general state of the Funds of the Society according to the best of our information and the explanations given to us and as shewn by the Books of the Society.

The Accounts for the year have been audited in detail by Mr. W. B. Keen, Chartered Accountant, and his certificate is appended thereto. The Accounts of the Refreshment Department for the year ended 27th September, 1919, have been separately audited by Messrs. Edward Moore and Sons, and submitted to the Committee of Auditors, appointed on 15th January, 1919, and the results are incorporated in the Accounts now submitted.

It will be seen that the excess of Expenditure over Income has been £1,377 10s. 4d., which is arrived at after creating Reserves amounting to £16,678 18s. 8d. in respect of various works, etc., and transferring to the Refreshment Room Rebuilding Fund the sum of £3,500, which Fund now stands at £10,562 17s. 8d. There is also charged £302 15s. 4d., Interest on Loan from the Bankers for the new buildings, which Loan has been reduced this year by £2,000, leaving a balance of £7,000 still outstanding, for which the Bankers hold security.

The Old Composition Fund not separately invested has been reduced by the transfer of £150 to Income and Expenditure Account in accordance with the usual practice, while the New Composition Fund has been increased by Composition Fees received amounting to £1,020. This Fund now stands at £9,495 and is separately invested, the Income therefrom being carried to the Income and Expenditure Account.

The Investments in :—

- £1,017 14s. 2d. West Australia 4% Stock, 1942/62.
- £312 17s. 1d. New South Wales 4% Stock, 1942/62.
- £5,615 13s. 4d. India 3½% Stock.
- £1,443 19s. 1d. London County 3½% Stock.
- £1,610 16s. 8d. Consolidated 2½% Stock.
- £12,861 18s. 9d. War Stock 5%.
- £1,300 0s. 0d. Exchequer Bonds 5%, 1920.
- £2,500 0s. 0d. Exchequer Bonds 6%, 1920.

which appear among the Assets in the Balance Sheet at the cost price of £24,652 17s. 8d., were at 31st December, 1919, of the value of £21,732 7s. 2d., shewing a depreciation of £2,920 10s. 6d. The sum of £2,192 10s. 10d. had been provided to meet depreciation to 31st December, 1916, and a further sum of £727 19s. 8d. has now been set aside, bringing the Reserve up to £2,920 10s. 6d.

FREDERICK J. GOODCHILD (*Chairman*).
FREDERIC B. BUNNY (*Col.*).
ALFRED J. ROBERTON.
JULIUS GARRATT.
VAL. R. DUIGAN (*Capt.*).
JAMES F. OCHS (*Capt.*).
STANLEY EDWARDS.

Zoological Society of London,
Regent's Park, N.W. 8.
26th February, 1920.

Corresponding
figures
31st Dec., 1918.

LIABILITIES.

£	s.	d.		£	s.	d.	£	s.	d.
4,282	13	8	To Sundry Creditors for Rent, Taxes, Printing, &c.				4,331	18	1
			„ Messrs. Drummond—						
			Loan Account	9,000	0	0			
			<i>Less</i> Paid off during year	2,000	0	0			
9,000	0	0					7,000	0	0
452	7	0	„ Subscriptions received in advance				483	17	0
			„ Davis Trust Fund—						
			Dividends on Investment, payable to Editor of “Zoological Record”—						
			In respect of 1918	0	19	0			
			Do. 1919	53	4	0			
56	1	0					54	3	0
			„ RESERVES FOR WORKS, &c.:—						
			New Tunnel £5,000 0 0						
			<i>Less</i> Expenditure during year 1,500 0 0				3,500	0	0
			Planning Terraces, &c. ... 5,000 0 0						
			<i>Less</i> Expenditure during year 1,631 6 8				3,368	13	4
			North Bank 1,800 0 0						
			<i>Less</i> Expenditure during year 400 0 0				1,400	0	0
			Insect House—Electric Lighting				110	0	0
			Purchase of Animals ... 1,500 0 0						
			<i>Less</i> Expenditure during year 1,000 0 0				500	0	0
			Lavatories, Mappin Terrace						
			Pavilion, &c. 3,268 18 8						
			<i>Less</i> Expenditure during year 421 18 1				2,847	0	7
							11,725	13	11
			„ BALANCE, BEING EXCESS OF ASSETS OVER LIABILITIES, viz.:—						
			Composition Fund (not separately invested)—						
			Balance at 1st January, 1919 £250 0 0						
			<i>Less</i> Amount transferred to Revenue 150 0 0				100	0	0
250	0	0							
			„ New Composition Fund (separately invested)—						
			Balance at 1st January, 1919 £8,475 0 0						
			<i>Add—</i>						
			22 Fees at £45 re- ceived during year 990 0 0						
			1 Fee at £30 do. 30 0 0				9,495	0	0
8,475	0	0							
£22,516	1	8	Carried forward	£9,595	0	0	23,595	12	

Corresponding
figures
31st Dec., 1918.

ASSETS.

£	s.	d.		£	s.	d.	£	s.	d.
			By Animals in Menagerie at Regent's Park at 31st December, 1918, estimated at	9,301	0	0			
			<i>Add</i> Net Increase in value at 31st December, 1919	3,056	0	0			
9,301	0	0					12,357	0	0
1,286	10	0	„ Utility Live Stock at 31st December, 1918, estimated at						
2,122	2	11	„ Plant and Fittings in Refreshment Department (as per last Balance Sheet)				2,122	2	11
30,000	0	0	„ Freehold Property at Hanover Square (as per last Balance Sheet)				30,000	0	0
...			„ Fittings in Buildings and Enclosures at the Gardens, Regent's Park (not valued) ... ..				...
23,480	15	0	„ Books in Library (as per last Balance Sheet)				23,480	15	0
500	0	0	„ Unsold Publications as at 31st December, 1906...				500	0	0
500	0	0	„ Stock of "Zoological Record" as at 31st December, 1913				500	0	0
50	0	0	„ Petrol Users and Traders Supply, Ltd., 50 Shares of £1 each				50	0	0
			„ Debts due to the Society (since received or con- sidered good)—						
			Rent of Freehold Property, Hanover Square	480	0	0			
			Rent for Bath Chairs	2	10	0			
			Arrears of Fellowship Subscriptions, £186, estimated to realise	54	0	0			
			Arrears of Admission Fees, £270, estimated to realise	270	0	0			
			Publication Sales	90	13	4			
			Sundry	244	19	6			
1,605	17	2					1,142	2	10
380	8	1	„ Rates and Insurance paid in advance				405	18	9
			„ Investments of New Composition Fund, 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			
			£2,264. 14s. 10d. 5 per cent. War Stock ...	2,505	0	0			
8,400	0	0					9,150	0	0
1,000	0	0	„ Investment on Account of Animal Insurance and Purchase Fund, at Cost, £1,610. 16s. 8d. 2½ per cent. Consolidated Stock				1,000	0	0
£78,626	13	2					£80,707	19	6
			Carried forward						

Corresponding
figures,
31st Dec., 1918.

LIABILITIES.

£	s.	d.		£	s.	d.	£	s.	d.
22,516	1	8		9,595	0	0	23,595	12	0
			Brought forward						
			To General Purposes—						
			Balance at 1st January, 1919	£59,711	8	0			
			<i>Less</i> Excess of Expendi- over Income	1,377	10	4			
				58,333	17	8			
			<i>Add</i> Increase in value of total stock of Animals	3,056	0	0			
59,711	8	0					61,389	17	8
			„ Animal Insurance and Purchase Fund—						
			As at 1st January, 1919 ...	£1,083	14	6			
			<i>Add</i> Interest received ...	28	4	0			
			Transfer from Income and Expenditure Account ...	31	10	0			
1,083	14	6					1,143	8	6
			„ Refreshment Room Rebuilding Fund—						
			As at 1st January, 1919 ...	7,062	17	8			
			<i>Add</i> amount set aside out of Refreshment Depart- ment Profits 1919 ...	3,500	0	0			
7,062	17	8					10,562	17	8
			„ Refreshment Department—						
			Depreciation Fund, as at 1st January, 1919... ..	1,800	0	0			
			<i>Add</i> further Transfer out of profits for year to 30th Sept., 1919, to be paid over	300	0	0			
				2,100	0	0			
			Amount retained for Working Capital	43	1	4			
2,085	6	5					2,143	1	4
			„ Reserve for Depreciation of Investments—						
			(As per last Balance Sheet)...	2,192	10	10			
			<i>Add</i> Further amount set aside at 31st December, 1919	727	19	8			
2,192	10	10					2,920	10	6
							87,754	15	8
94,651	19	1					111,350	7	8
			To Reserved Wages Account (per contra)—						
			Amount to Credit of Employee on Active Service				149	0	1
			Balance to be Transferred to General Account in respect of Dividends—Unallotted ...				36	12	10
3,770	16	0					185	12	11
							£111,536	0	7
£98,422	15	1					£111,536	0	7

Corresponding
figures,
31st Dec., 1918.

ASSETS.

£	s.	d.		£	s.	d.	£	s.	d.
78,626	13	2					80,707	19	6
			Brought forward						
			By Investment of Refreshment Room Rebuilding Fund, at Cost, £1,017. 14s. 2d. West Australia 4 per cent. Stock	1,000	0	0			
			£7,719. 18s. 4d. 5 per cent. War Stock ...	7,062	17	8			
7,062	17	8	£2,500 6 per cent. Exchequer Bonds, 1920 ...	2,500	0	0			
							10,562	17	8
			„ Investment on Account of Refreshment Depart- ment Depreciation Fund, at Cost, £312. 17s. 1d. New South Wales 4 per cent. Stock	300	0	0			
			£300 5 per cent. Exchequer Bonds, 1920 ...	300	0	0			
1,500	0	0	£1,277. 5s. 7d. 5 per cent. War Stock ...	1,200	0	0			
							1,800	0	0
			„ Refreshment Department Current Assets at 27th December, 1919— To be Invested	300	0	0			
585	6	5	Retained for Working Capital ...	43	1	4			
							343	1	4
			„ Investment on Account of Depreciation of Investments Fund, at Cost, £1,000 5 per cent. Exchequer Bonds, 1920	1,000	0	0			
2,140	0	0	£1,200 5 per cent. War Stock... ..	1,140	0	0			
							2,140	0	0
			„ Cash at Bank, General Account	5,253	17	8			
			„ Cash at Bank, Deposit Account... ..	10,000	0	0			
4,737	1	10	„ Cash at Bank, Davis Trust Fund	54	3	0			
			„ Cash at Bank, Animal Insurance and Purchase Fund	143	8	6			
			„ Cash at Bank, New Composition Fund ...	345	0	0			
							15,796	9	2
94,651	19	1					111,350	7	8
			By Reserved Wages Account (per Contra)— Cash at Bank, and in hand				185	12	11
3,770	16	0							
£98,422	15	1					£111,536	0	7

INCOME AND EXPEN

FOR THE YEAR ENDED

Corresponding
figures,
31st Dec., 1918.

INCOME.

£	s.	d.		£	s.	d.	£	s.	d.
855	0	0	Admission Fees (New Fellows)	...	...	...	1,565	0	0
10,882	0	0	Subscriptions (Fellows)	...	...	...	11,215	0	0
			Compositions—						
			Proportion of uninvested Funds transferred in respect of the year—						
			40 Fellows deceased during the year	...	...	...	2	0	0
			74 Fellows at £2	...	...	...	148	0	0
226	0	0					150	0	0
786	7	8	Dividends and Interest received	...	...	...	1,000	15	9
458	5	10	Sale of Animals, &c.	...	...	...	151	4	3
1,000	0	0	Rent of Refreshment Rooms	...	...	...	1,000	0	0
11	0	0	Rent of Bath Chairs	...	...	...	11	0	0
1,200	0	0	Rent, Hanover Square	...	...	...	1,200	0	0
20,831	12	1	Admissions to Gardens...	...	...	...	44,491	12	5
808	17	5	Riding Receipts...	...	...	...	1,269	0	3
			Sale of Official Guides and Postcards	...	...	...	2,795	10	10
			Less Expenses, Printing, &c.	...	...	...	1,455	16	4
461	1	9					1,339	14	6
48	10	11	Publication Subscriptions and Sales (<i>less</i> Expenses)				—		
256	13	8	Lavatories	...	...	...	402	8	11
86	17	6	Sale of "Zoological Records"	...	...	...	119	1	3
			Sale of Transferable Ivory Tickets and Photographers' Permits	...	...	...	149	5	0
60	15	0		...	...	...	6	19	2
5	1	2	Miscellaneous Receipts...	...	...	...	6,768	18	8
1,501	16	5	Refreshment Department Profit	...	...	...
			Utility Animals:—						
			Sales during the year	...	...	...	1,653	16	9
			Less Estimated value of Live Stock at 31st December, 1918	1,286	10	0			
			Expenses during the year:—						
			Provisions ..	£155	15	10			
			Appliances and Fuel	19	8	0			
			Wages	69	1	0			
			Sundries	17	0	4			
							261	5	2
							1,547	15	2
181	12	5					106	1	7
17	4	10	Income Tax deducted from Dividends, recovered				261	13	3
			Rat Exhibition—						
			Grants from Government Departments	...	...	...	200	0	0
			Sale of Reports, &c.	...	...	...	22	15	11
							222	15	11
			Less Expenses	143	8	3
							79	7	8
439,678	16	8	Carried forward	£71,287	2	8

DITURE ACCOUNT.

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31ST DECEMBER, 1919.

Corresponding
figures,
31st Dec., 1918.

EXPENDITURE.

Corresponding figures, 31st Dec., 1918.						EXPENDITURE.					
£	s.	d.				£	s.	d.	£	s.	d.
2,493	16	6	Rent, Rates, Taxes and Insurance, Gardens	...	...				2,540	7	5
			Amount set aside for Insurance and Purchase of								
			Animals Fund	...	...				31	10	0
265	18	9	Property Tax, Refreshment Department	...	...				277	10	0
9,257	17	1	Salaries, Staff and Keepers, Gardens	...	...				12,063	16	0
2,415	1	7	Do. Office	...	...				3,068	11	6
800	5	4	Pensions, Gardens	...	...				907	6	0
262	0	0	Do. Office	...	...				150	0	0
8,086	1	7	Provisions, including Storekeeper's Wages	...	...				8,755	7	8
107	5	7	Cost and Carriage of New Animals	...	...				3,343	0	10
			Menagerie Expenses:—								
			1,439	13	4	Fuel	...	...	1,312	3	3
			306	18	3	Straw	...	...	322	8	7
			791	5	8	Water	...	...	872	4	5
			275	2	10	Keepers' Uniforms	...	...	633	4	9
			47	15	3	New Cages, Fittings, &c.	...	...	239	17	11
			130	17	7	Sand, Sawdust, Turf, &c.	...	...	173	2	1
			4	0	9	Medical Attendance	...	...	5	5	0
			—			Labels and Drawings	...	...	134	12	7
			—			Garden Seats	...	...	295	0	0
			24	9	2	Sanatorium and Veterinary Expenses	...	...	10	14	3
			9	19	2	Cart repairs, Saddlery, &c.	...	...	150	14	3
			232	13	0	Net Cost of Upkeep of Motors	...	...	354	4	11
			173	17	2	Cleaning Materials and Disinfectants	...	...	215	15	9
			50	13	2	Refuse removal	...	...	50	0	0
			24	6	0	Police Attendance	...	...	41	3	9
			94	0	5	Gas and Repairs—Ventilating Engine	...	...	151	10	2
			13	7	7	Sundries	...	...	69	7	2
3,618	19	4							5,031	8	10
			Prosectorium Expenses:—								
						Salaries	...	...	405	7	7
						Chemicals, Apparatus, &c.	...	...	113	12	3
156	19	10							518	19	10
			Maintenance of Buildings, Paths, &c., Gardens:—								
						Wages	...	...	4,054	11	11
						Materials, &c.	...	...	2,794	7	1
4,188	19	7							6,848	19	0
			Gardeners' Expenses:—								
						Wages	...	...	2,415	13	1
						Seeds, Plants, Implements, &c.	...	...	301	10	8
1,939	6	6							2,717	3	9
230	7	4	Advertisements	...	...	Band Expenses (net cost)	...	...	219	1	0
			Band Expenses (net cost)	...	...	Fuel, Light, &c., at Superintendent's and Keepers' Offices and Houses at Gardens	...	...	310	2	5
312	18	8							317	4	7
£34,135	17	8	Carried forward						£47,100	8	10

Corresponding Figures, 31st Dec., 1918.	<i>INCOME.</i>			£ s. d.	£ s. d.
£ s. d.					
39,678 16 8	Brought forward	...	...	...	71,287 2 8
	Balance, being excess of Expenditure over Income, carried to Balance Sheet	...	...	...	1,377 10 4
	MEMO.—				
	Reserves for Works, &c. (per Contra) ... ..	...	...	16,678 18 8	
	Transfer to Refreshment Room Rebuilding Fund (Per Contra)	3,500	0	0	
				<u>20,178 18 8</u>	
	<i>Less</i> excess of Income over Expenditure (gross)			18,801 8 4	
	Excess of Expenditure over Income (as above)			<u><u>£1,377 10 4</u></u>	
<u>£39,678 16 8</u>	Carried forward	...	...	...	<u>£72,664 13 0</u>

DITURE ACCOUNT—continued.

Corresponding
Figures,
31st Dec., 1918.

EXPENDITURE.

£	s.	d.		£	s.	d.	£	s.	d.
34,135	17	8	Brought forward				47,100	8	10
			House and Office Expenses, Central Office:—						
			Wages of Housekeeper, Servants and Messengers	466	3	9			
			Fuel, Light and Water	87	11	0			
			Postage	208	6	6			
			Rates, Taxes and Insurance	245	13	9			
			Repairs, Office Fittings and Appliances	161	0	8			
			Sundries	151	4	6			
1,133	1	0					1,320	0	2
403	1	0	Stationery and Miscellaneous Printing				565	15	5
			Preparation and Printing of "Zoological Record"	1,167	3	8			
			Less Transfer from Davis Fund	53	4	0			
				1,113	19	8			
			Less Subscriptions to Vols. 52, 53 and 54 received	279	0	0			
116	10	4					834	19	8
			Library Expenses:—						
			Salaries	356	6	1			
			Books and Binding	312	17	10			
248	2	4					669	3	11
70	3	10	Law Expenses				32	5	0
40	0	0	Scientific Grants				40	0	0
360	8	2	Interest on Loan at 4 per cent. per annum				302	15	4
50	0	0	British Goat Society—Grant towards Exhibition Expenses				—		
			Reserve for Depreciation of Investments				727	19	8
			Installation of Cinematograph and Working Expenses				186	16	10
			Lectures and Demonstrations—Expenses	79	14	11			
			Less, Grant from London County Council	50	0	0			
							29	14	11
			War Memorial, Cost of making, erecting, etc.				265	15	0
			Godman Memorial Fund, Donation				100	0	0
			Honorary Life Fellowship Fees paid to New Composition Fund				225	0	0
			Miscellaneous Payments				24	2	7
			Cost of Publications (including £200 estimated unpaid cost of Printing)	653	10	10			
			Less Subscriptions and Sales	592	13	10			
							60	17	0
£36,557	4	4	Carried forward				£52,485	14	4

Corresponding Figures, 31st Dec., 1918.		<i>INCOME.</i>									
£	s.	d.							£	s.	d.
39,678	16	8	Brought forward	...	...	...	...	...	72,664	13	0
<hr/>									<hr/>		
£39,678	16	8							£72,664	13	0
<hr/>									<hr/>		
									DAVIS		
									£1,900 <i>London and South Western Railway</i>		
£56	1	0	Dividends	...	...	...	...	...	£53	4	0
<hr/>									<hr/>		

I hereby certify that I 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. I have verified information I have required.

23, Queen Victoria Street, E.C. 4,
February, 1920.

DITURE ACCOUNT—*continued.*

Corresponding
Figures,
31st Dec., 1918.

EXPENDITURE.

36,557 4 4

Brought forward

£ s. d. £ s. d.
52,485 14 4

Amounts reserved for Works, etc., as under:—

New Tunnel 5,000 0 0

Planning Terraces, etc. 5,000 0 0

North Bank 1,800 0 0

Insect House, Electric Lighting 110 0 0

Purchase of Animals 1,500 0 0

Lavatories, Mappin Terrace Pavilion, etc.

(Proportion of Refreshment Department

Profit) 3,268 18 8

16,678 18 8

Transfer to Refreshment Room Rebuilding
Fund (Balance of Refreshment Department
Profit)

3,500 0 0

3,121 12 4 Balance being excess of Income over Expenditure

£39,678 16 8

£72,664 13 0

TRUST FUND.

New 4 per cent. Preference Stock.

£56 1 0 Payable to Editor of "Zoological Record" £53 4 0

Society for the year ended 31st December, 1919, 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,

Chartered Accountant.

1871

Received of the Treasurer of the

Board of Directors of the

City of New York

the sum of

Five hundred and no/100 Dollars

for the purchase of

City Bonds

of the City of New York

dated the 1st day of

January 1871

and the receipt of the

same is hereby acknowledged

by the Treasurer of the

Board of Directors of the

City of New York

in witness whereof

the Board of Directors of the

City of New York

has caused this certificate to be signed

by its President and Secretary

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