# REPORT OF THE COUNCIL

for the year ended 31st December, 1950.

The Council has pleasure in presenting its one hundred and twenty-second Annual Report to the Annual General Meeting of the Society, to be held on Friday, 27th April, 1951, at 4 p.m., in the Society's Offices in Regent's Park.

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

- 1. Reading of the minutes of the previous Annual General Meeting.
- 2. Presentation of the Auditors' Report, previously issued to Fellows.
- 3. Discussion of the Auditors' Report.
- 4. Presentation of the Council's Annual Report, previously issued to Fellows.
- 5. Discussion of the Council's Annual Report.

Notice of any motion arising out of the discussion shall be given in writing to the Secretary after the Annual General Meeting and the motion shall be dealt with in accordance with the provisions of Chapter 8, Section 4 of the Bye-Laws.

6. Announcement of the names of the Fellows elected as Officers and ordinary members of Council.

The President or other Fellow in the Chair may at his discretion close the discussion of the Auditors' Report or the discussion of the Council's Annual Report.

No other business shall be transacted at such Meeting.

The Annual General Meeting, 1950.—In accordance with Chapter 3, Section 7(1) of the Bye-laws the Council announced, at the Ordinary General Meeting held on the 18th January, 1950, the names of those Fellows it recommended for election as Officers and ordinary members of Council at the Annual General Meeting to be held on the 28th April, 1950. A notice signed by twenty-six Fellows recommending the name of an alternative Fellow as an ordinary member of Council was duly received in accordance with Chapter 3, Section 7(2) of the Bye-laws. In the resulting postal ballot the Fellows recommended by the Council were duly elected.

ORDINARY GENERAL MEETINGS.—Until further notice, these meetings are being held in the Meeting Room at the Society's Offices on the third Wednesday in January, April, July, and October, at 4.30 p.m.

Scientific Meetings.—These meetings are held in the Meeting Room at the Society's Offices on the second Tuesday in the months February to June and October to December. The meetings commence at 5 p.m., and tea is served in the Library at 4.15 p.m. The Agenda for the Scientific Meetings can be obtained on application to the Secretary.

OBITUARY.—During the year under review the Society suffered the loss by death of many of its Fellows which we have to record with deep regret. These include several whose services to the Society were outstanding. Among those who should be specially mentioned are:—

The Duke of Devonshire, K.G., who was a member of Council with the statutory intervals from 1942 until his death, Vice-President on three occasions during that period and President since 1948.

Sir Sydney F. Harmer, K.B.E., Sc.D., F.R.S., who was a member of Council from 1909 to 1912 and, with the statutory intervals, from 1915 to 1927 and Vice-President on thirteen occasions during those periods.

The Rt. Hon. William L. Mackenzie King, P.C., O.M., C.M.G., Imperial Fellow since 1922.

The Rt. Hon. Sir Francis O. Lindley, P.C., G.C.M.G., C.B., who was a member of Council with the statutory intervals from 1940 until his death and Treasurer from 1945 to 1950.

Henry G. Maurice, Esq., C.B., who was a member of Council with the statutory intervals from 1926 to 1949, Vice-President on three occasions during that period and President from 1942 to 1948.

Field-Marshal The Rt. Hon. Jan C. Smuts, P.C., O.M., C.H., F.R.S., Imperial Fellow since 1922.

Major Richard S. Taylor who was a member of Council with the statutory intervals from 1919 to 1930 and from 1933 to 1937.

Bernard W. Tucker, Esq., M.A., who was a member of Council from 1934 to 1937.

Changes in Officers and Ordinary Members of Council.—The Council, in accordance with the provisions of the Charter relating to casual vacancies, elected Field-Marshal Viscount Alanbrooke, K.G., G.C.B., O.M., D.S.O., as President in place of The Duke of Devonshire, K.G. (died 26th November, 1950). Sir Garrard Tyrwhitt Drake, D.L., J.P., and The Viscount Chaplin were elected as ordinary members of Council in place of the Rt. Hon. Sir Francis O. Lindley, P.C., G.C.M.G., C.B. (died 17th August, 1950), and Field-Marshal Viscount Alanbrooke, K.G., G.C.B., O.M., D.S.O.

Bronze Medal.—The Bronze Medal of the Society was awarded to Overseer P. S. Bates (Whipsnade Park) for unremitting care in the rearing of Père David Deer, 1943-49, and to Head Keeper B. W. Smith (Regent's Park) for services in connection with the rearing of a Polar Bear Cub, 1950.

STAFF.—Dr. W. C. Osman Hill has been appointed Prosector and took up his duties on the 27th April, 1950, in place of Dr. R. E. Rewell, Pathologist who resigned with effect from 18th April, 1950.

Dr. L. Harrison Matthews, F.L.S., has been appointed Scientific Director and Deputy Secretary and will take up his duties on the 1st May, 1951, in place of Dr. E. Hindle, F.R.S., Scientific Director, who is retiring on the 30th April, 1951.

ROLL OF FELLOWS.—The number of Fellows at 31st December, 1950, was 7,163 as compared with 6,983 at the end of 1949.

Visitors.—The number of visitors during 1950 was 3,013,571 at Regent's Park and 510,875 at Whipsnade Park. The corresponding figures for 1949 were 2,445,995 and 493,918 respectively. The number of visitors at Regent's Park was the highest in the history of the Society exceeding the previous highest figure (2,745,583 in 1946) by 267,988. The number of visitors at Whipsnade Park was the highest since the end of the war and the fourth highest since the Park was opened.

AQUARIUM.—The number of visitors during 1950 was 347,598 compared with 353,365 for the year 1949. The price of admission for children was reduced from 1s. to 6d. on the 19th September, 1950.

CHILDREN'S ZOO.—The Children's Zoo was open from the 3rd April, 1950, until the 3rd December, 1950. The number of visitors was 251,808 compared with 244,835 for the 1949 season. The price of admission on Mondays (except Bank Holidays) was reduced to half-rate.

Entrance to Regent's Park Gardens.—A new system of admitting visitors to the Gardens is being installed, and it is hoped that it will be in operation by Easter, 1951. In order to obtain the utmost efficiency from the new system it is desirable that paying visitors should enter the Gardens by entrances separate from those used by Fellows or Ticket holders. It is therefore proposed to extend to Sunday afternoons and weekdays the arrangement already in force on Sunday mornings by which Ticket holders may enter the Gardens only through the Main Gate (Outer Circle, Regent's Park) and Fellows (and friends accompanying them) may enter the Gardens only through the Main Gate or the Society's Office.

ADMISSION OF FELLOWS' CARS TO WHIPSNADE PARK.—Until further notice Fellows' cars are admitted to Whipsnade Park free of charge on Saturdays throughout the year and on any one other day during each week from the 15th October to the 15th March inclusive. The charge for admission of cars on other days is 10s. on Sundays and 5s. on weekdays. The maximum number of cars permitted in the Park at any one time is limited at the Superintendent's discretion and on exceptionally busy days, e.g., Bank Holidays, may be banned altogether.

Conferences.—The Society was represented at the 10th International Ornithological Congress at Uppsala from the 10th to the 17th June, 1950, by Sir Norman B. Kinnear, C.B.

At the invitation of the Society the annual conference of the International Union of Directors of Zoological Gardens was held in London from the 2nd to the 6th June, 1950. The Society was represented by Dr. E. Hindle, F.R.S., G. S. Cansdale, Esq., B.A., B.Sc., F.L.S., and

E. H. Tong, Esq., F.L.A.S. The main sessions were held at Regent's Park and a visit was made to Whipsnade Park. At the kind invitation of The Duke of Bedford and Alfred Ezra, Esq., O.B.E., the delegates also visited Woburn Park and Foxwarren Park.

Scientific Publications.—The attention of Fellows is again called to the subscription rates, payable on the 1st January each year. These are as follows:—

The published price of the complete volume of the *Proceedings* is 80s., and the advance subscription price to Fellows is 21s. Fellows therefore are privileged to obtain this publication at less than one-third of the charge to the general public. Fellows are also able to obtain these publications on surrender of green Sunday admission tickets of equivalent value. It may be mentioned that in spite of increases in the cost, the price to Fellows for these publications is actually less than before the war, and it is hoped that more Fellows will take advantage of the opportunity of obtaining their scientific publications, which are offered on such favourable terms.

Volume 120 of the Proceedings, comprising 763 pages, has been completed by the issue of Part 4 in February, 1951. The volume is somewhat smaller than last year, but unfortunately this does not involve any economy owing to the continual increase in the cost of production. The volume contains 43 papers on a variety of subjects among which it is difficult to select any for special mention. Nearly half the communications are concerned with vertebrate anatomy, the work in some cases being based on material provided by the Society's Prosectorium. In addition there are five papers dealing with ecological problems, including an account, illustrated with two coloured plates, of the Giant African Snail, Achatina fulica, which has spread to nearly all countries in the tropical and sub-tropical lands of the Indo-Pacific during the past 150 years where it is now a very serious pest of gardens and vegetable plants. The present volume also contains descriptions of 4 new genera and 92 new species and sub-species, many of these being spiders or Reduviid bugs. The numerous illustrations include three plates of photographs showing the appearance of a juvenile White Rhinoceros, Ceratotherium simum simum, in the Pretoria Zoo.

During the year two parts of the Transactions have been issued, Part 6 completing Volume XXVI, and Part 1 of Volume XXVII. The first of these, issued in March, 1950, comprises "Development of the Monotremata—Part VII. The Development and Structure of the Egg-tooth and the Caruncle in the Monotremes, and on the Occurrence of Vestiges of the Egg-tooth and Caruncle in Marsupials" by J. P. Hill, F.R.S., Emeritus Professor of Embryology, and G. R. de Beer, F.R.S., Professor of Embryology, University College, London. It contains ten plates illustrating details of development of Platypus and Echidna which are of special interest in view of the difficulty of collecting early stages

of these animals. In addition the authors discuss the origin of the egg-tooth and caruncle in these animals, and vestiges of them in marsupials. They incline to the view that the caruncle is genetically related to the egg-tooth found in reptiles.

The second part of the *Transactions* issued during the year consists of two articles on sponges, "The Porifera of the Bermuda Archipelago" and "An Ecological Discussion of the Sponges of Bermuda," by M. W. de Laubenfels, Oregon State College. It was published in October, 1950, and comprises 201 pages, 2 plates and 69 text figures.

The prices of these two parts of the *Transactions* are £1 1s. and £2 10s. respectively, but Fellows subscribing to the *Proceedings* can obtain them for the additional charge of only 10s. 6d.

ZOOLOGICAL RECORD.—Bound copies of Volume 84 dealing principally with the literature for 1947, were issued on 23rd June, 1950, but the separate parts had all been completed and issued much earlier. A number of separate parts of Volume 85 (1948) have already been published and it is expected that the complete volume will appear in the summer of 1951. The current volume contains a list of approximately 12,698 titles of zoological papers published during 1947, an increase of more than 2,000 titles on the previous year. This, combined with the increased cost of production, has necessitated a revision of the prices of some of the separate parts, but the complete volume is still published at £4, with a subscription rate (payable in advance) of £3 5s.

The receipts from sales, however, are quite inadequate to meet the cost of production, and as in the past, the *Record* is largely dependent on donations to the Zoological Record Fund. Among these special mention should be made of £500 from the Royal Society, £450 from the British Museum (Natural History), and £250 from the Zoological Society of London. In addition, its international importance has again been recognised by the International Union of Biological Sciences, which has increased its annual grant to £356 out of funds allocated to it by UNESCO.

The complete list of donations to the Fund received during the year is as follows:

as as follows.								
						£	S.	d.
American Entomological Society	y .					8	16	11
American Museum of Natural H	listory					71	4	9
American Ornithologists' Union						8	16	11
American Society of Ichthyolog	ists an	nd He	rpet	ologists		50	0	0
Anonymous						100	0	0
British Association for the Adva		ant at	e da:			=0	0	0
British Association for the Adva	inceme	ent of	1 201	ence		50	0	U
British Herpetological Society						2	2	0
British Museum (Natural Histor	y) for	Vol.	85			200	0	0
British Museum (Natural Histor	y) for	Edit	or's	Fee		250	0	0
British Ornithologists' Club	0.5.00				-	10	10	0
British Ornithologists' Union						15	15	0
British Trust for Ornithology						2	0	0
Brooklyn Entomological Society						1	14	8
Bryant, Miss E. B						3	10	11

These donations enable the *Record* still to be supplied at a price far below the cost of production. It should be emphasized, however, that up to now the services of the specialists responsible for the compilation of the various sections have been obtained more or less on a voluntary basis, and it is doubtful if this system is likely to continue for long under present conditions.

250

£2,316 18 5

Zoological Society of London

Nomenclator Zoologicus.—This work now comprises five volumes covering the literature from the 10th Edition of Linnæus 1758, to the end

of 1945, at a published price of  $13\frac{1}{2}$  guineas. The cost of the fifth volume has been provided out of the Neave-Lloyd Nomenclator Zoologicus Fund, and it is hoped that if sufficient subscriptions are received, the Fund will be able to finance further volumes every ten years.

Zoo Life.—The fifth volume was completed by the issue of Part 4 in December, 1950, and the Index was issued separately to all subscribers in January, 1951. Order forms for Volume VI were circulated to all Fellows in the same envelope as the green admission tickets, and a duplicate form is being enclosed with this report. In order to meet the convenience of Fellows who wish to ensure the regular continuation of their subscriptions, a banker's order form has also been provided.

The fifth volume, for 1950, contains a number of authoritative articles by well-known naturalists, among which mention may be made of "Seals of the World" by F. Fraser Darling; "Marmosets, Nature's Imps" by Ivan T. Sanderson; "Family Life of the Platypus" by David Fleay; "The Raccoon" by Frederick A. Ulmer, Jr.; and "European Tree-Frogs" by Viscount Chaplin. In the "House to House" series, L. R. Brightwell deals with antelopes and small mammals, respectively, and the Glasgow Zoo is described by its Director-Secretary, S. H. Benson. Each part contains an article on "Recent additions to the Zoo" by G. S. Cansdale, with illustrations of new and interesting arrivals, and there are accounts of the life and habits of a wide variety of animals ranging from elephants and rhinoceros, penguins and other birds, reptiles and amphibians, to invertebrates such as the scorpion. "How Birds Fly" by Frank W. Lane is illustrated by superb photographs of the Eastern Bluebird in flight. "The birth of an Asiatic Elephant in the Rome Zoo" by Ellen M. Hindle, is an account of one of the few definite records of this animal breeding in captivity since both the parents had been in the Rome Zoo for eleven years previously. In addition to the general articles, each part contains reviews of books on natural history and allied subjects.

All subscriptions to Zoo Life should be forwarded to the publishers, Gale & Polden Ltd., Ideal House, Argyll Street, W.1, and not to the Society's offices. A few copies of the first five volumes are still available for those who would like to have a complete set. The special rate for Fellows of the Society is 8s. 6d. per volume, post free, instead of the ordinary subscription rate of 11s. per volume.

LIBRARY.—The extensive use of the books in the Library by Fellows, both for reference and general reading was maintained during the year, and 2,542 volumes were borrowed by them from the Library under the regulations. In addition 205 volumes of special interest were lent to the libraries of a number of scientific and technical institutions.

The accessions to the Library acquired by purchase, presentation or exchange were 133 books and 4,172 parts of 574 serials. The volumes bound were 851 in number, and repairs were made to the bindings of 289 volumes.

Gifts of books to the Library will be greatly appreciated, particularly copies of Fellows' own works.

The following boo	ks were	presented	to	the	Library	during the	year :-
Donor.							

BARNES, DEREK GILPIN.	Lords of Life. An Anthology of Animal Poet	ry
	of the last Fifty Years. Chosen, edited an	-
	with an introduction by Derek Gilpin Barne	90

[n.d.]

BARTON, SYDNEY F.

Vols. 10–11. 1948–49.

"Wild Life."

BENNETT, R. VINCENT, F.Z.S.

Oceanic Birds of South America. By Robert Cushman Murphy. Vols. 1-2. 1936.

Australian Nature Magazine.

Boon, A., F.Z.S.

Travels on the Amazon and Rio Negro. New edition. By Alfred Russel Wallace. [1889.]

BRITISH MUSEUM (NATURAL HISTORY), THE TRUSTEES OF.

The British Mosquitoes. By J. F. Marshall. 1938.

A Catalogue of the Hesperiidae from Europe, Asia and Australia in the British Museum (Natural History). By W. H. Evans. 1949.

Instructions for Collectors. Insects—compiled by John Smart. Second edition. 1949.

Guide for the Identification and Reporting of Stranded Whales, Dolphins, Porpoises and Turtles on the British Coasts. By F. C. Fraser and H. W. Parker. 1949.

Man the Tool-maker. By Kenneth P. Oakley. 1949.

Economic Series. British Museum (Natural History). Nos. 3, 4, 4a, 5, 15. 1949.

CARRUTHERS, DOUGLAS, F.Z.S.

Beyond the Caspian. A Naturalist in Central Asia. By Douglas Carruthers. 1949.

CAULLERY, MAURICE, F.M.R.S., F.F.Z.S. Le Parasitisme et la Symbiose. Deuxième édition. By Maurice Caullery. 1950.

COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION.

Pelagic Tunicates of Australia. By Harold Thompson. 1948.

CROWN AGENTS FOR THE COLONIES.

The Birds of Tropical West Africa. By David Armitage Bannerman. Vol. 7. 1949.

DERANIYAGALA, P. E. P., F.Z.S.

Some Vertebrate Animals of Ceylon. By P. E. P. Deraniyagala. Vol. 1. 1949.

DOUBLEDAY, G. R., F.Z.S.

Reptiles as Pets. By Ian Harman. 1950.

London's Birds. By R. S. R. Fitter. 1949.

FITTER, R. S. R., F.Z.S. Fox, Sidney J., F.Z.S.

A Biology of the British Hemiptera-Heteroptera. By Edward A. Butler. 1923.

FRASER-BRUNNER, A., F.Z.S.

Game Fish of the World. Edited by Brian Vesey-Fitzgerald and Francesca Lamonte. 1949.

GRZIMEK, BERNHARD.

Die Elefantenschule. By Bernhard Grzimek. 1949.

HERVEY, GEORGE J. F., F.Z.S.

The Goldfish of China in the XVIII Century. By George Hervey. 1950. (China Soc. Sinological Ser. No. 3.) LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE.

MOHR, DR. ERNA.

PINTO-LEITE, MRS. D. A., F.Z.S.

F.Z.S. ARTHUR A.,

TAYLOR & FRANCIS, LTD., MESSRS.

Sawaya, Prof. Paulo, C.M.Z.S.

SENCKENBERGISCHE NATUR-FORSCHENDE GESELLSCHAFT.

SCHWANWITSCH, B. N.

STRIDE, P. F., F.Z.S.

WRAY, MAURICE, F.Z.S.

Kansas University Science Bulletin. Vols. 1-24, 26, 28-30. 1902-45.

Die Schildkröten. By Gerhard Krefft. 1949. Elephant Bill. By J. H. Williams. 1950.

Records of Birds of Prey Bred in Captivity. By Arthur A. Prestwich. 1950.

The Fauna of British India, including Ceylon and Burma. Butterflies Vol. 2. By G. Talbot. 1947. [1949.]

Ornitologia Brasileira ou História Natural das Aves do Brasil Notáveis por sua Plumagem, Canto e Hábitos. Primeira Edição Portuguêsa. By J. T. Descourtilz. Trâduzida por Eurico Santos. [n.d.]

Eduard Rüppell. Leben und Werk eines Forschungsreisenden. By Robert Mertens. 1949.

Kurs Obshcheij Entomologii. By B. N. Schwanwitsch. [In Russian.] 1949.

Two African Trips with notes and suggestions on Big Game Preservation in Africa. By Edward North Buxton. 1902.

Manual of the Birds of Ceylon. Second edition. By W. E. Wait. 1931.

Pictures, etc.—Mrs. R. Ackland kindly presented to the Society a picture of the lion "Jack" painted by her sister the late Mrs. Bessie Robertson, F.Z.S. Under the will of the late Mrs. F. E. Emerson, two portraits in oils and six animal pictures in oils, all painted by Agasse, were bequeathed to the Society. R. A. Murcott, Esq., kindly presented to the Society a plaster portrait of his great grandfather, the late Mr. A. D. Bartlett, formerly Superintendent of the Gardens at Regent's Park.

LEGACIES.—A legacy of £25 was received from the late Mrs. E. A. T. Evans.

PROSECTORIUM.—During the year 1,217 necropsies were performed on animals dying in Regent's Park. Of these 236 were mammals, 553 were birds and 428 were reptiles and amphibians. The number carried out at Whipsnade was 158 (72 on mammals and 86 on birds) on several of which additional work was carried out at Regent's Park. In addition a number of dead monkeys sent in by British Overseas Airways Corporation were subjected to post-mortem examination. Other material was received for report or for research purposes from the Zoological Gardens in Edinburgh, Manchester and Dudley.

Much material has been disposed of to other institutions for research in anatomy, pathology and bacteriology.

The Prosector is engaged in several lines of anatomical research and is also investigating a number of problems arising out of morbidity and mortality in the occupants of the menagerie.

Planning of the Gardens at Regent's Park.—Work on the centralised heating scheme mentioned in last year's report has started, and it is expected that the laying of the mains will have been completed by Easter 1951. Good progress is being made with the boiler house and the scheme is expected to come into operation in the autumn of 1951.

In addition a preliminary plan has been prepared for an entirely new layout for the whole gardens, to be put into effect as and when conditions allow. The basic features of this new layout are the use of two-storey buildings and the provision of terraces and covered ways at both levels so that in bad weather a large part of the Gardens can be visited without leaving cover.

# ANIMALS AT REGENT'S PARK.

Animals of all kinds (except Fish and Invertebrates) on 1st January, 1950 Animals of all kinds (except Fish and Invertebrates) received in 1950 by presentation, exchange, deposit, purchase, or birth (and transferred	3,518 2,051
from Whipsnade)	2,001
	5,569
Animals of all kinds (except Fish and Invertebrates) dead, sold, sent in exchange, or returned to depositors (and transferred to Whipsnade)	
in 1950	2,071
Animals of all kinds (except Fish and Invertebrates) in the Gardens on	3,498
31st December, 1950	3,498

LIST OF GENERA, SPECIES AND SUB-SPECIES NEW TO THE COLLECTION.

—34 new genera, species and sub-species were added to the collection in the year as compared with 37 in 1949. (The figures placed before each name indicate its approximate position in the current Vertebrate List.)

## NEW GENERA.

## (I) Birds.

#### ORDER PASSERIFORMES.

253d. Nesocharis capistrata (Hartl.). Grey-headed Olive-Back.

628e. Promerops cafer cafer (Linn.). Cape Sugar Bird.

860a. Graucalus macei Lesson. Large Indian Cuckoo-Shrike.

# (II) Reptiles.

#### ORDER SAURIA.

210b. Uranoscodon superciliosus (Linn.). Brown Iguana.

382a. Kentropyx striatus (Daudin). Striated Lizard.

# ORDER SERPENTES.

673a. Micropechis ikaheka (Lesson). Lesson's Spotted Snake.

# NEW SPECIES AND SUB-SPECIES.

# (I) Mammals.

28d. Cercopithecus nictitans buttikoferi Jentinek. Buttikofer's White-nosed Monkey. Sierra Leone.

155b. Galago senegalensis albipes Dollman. White-footed Galago. Kenya.

555a. Cryptomys darlingi (Thomas). Darling's Mole-Rat. Nyasaland.

754b. Tragelaphus angasii Gray. Nyala. S.E. Africa.

## (II) Birds.

- 146a. Leistes superciliaris (Bonap.). Argentine Red-breasted Marsh Bird. South America.
- 206d. Lagonosticta rubricata polionota Shelley. Gold Coast Fire Finch. Sierra Leone.
- 217a. Pytilia hypogrammica Sharpe. Yellow-winged Pytelia. Sierra Leone.
- 219b. Hypochera chalybeata amauropteryx Sharpe. Steel Finch. South Africa.
- 253d. Nesocharis capistrata (Hartl.). Grey-headed Olive-Back. Sierra Leone.
- 621e. Cinnyris venustus venustus (Shaw & Nodd). Buff-bellied Sunbird. Sierra Leone.
- 622d. Cinnyris chloropygius kempi O. Grant. Kemp's Olive-bellied Sunbird. Sierra Leone.
- 628e. Promerops cafer cafer (Linn.). Cape Sugar Bird. (Western Cape Province).
- 860a. Graucalus macei Lesson. Large Indian Cuckoo-Shrike. (India).
- 908a. Pteroglossus castanotis Gould. Chestnut-eared Aracari. Ecuador.
- 908b. Pteroglossus flavirostris Fraser. Yellow-billed Aracari. Ecuador.
- 1353a. Bubo leucostictus Hartlaub. Akun Eagle Owl. Gold Coast.
- 1686a. Hydranassa tricolor tricolor (Muller). Tricolor Heron. British Guiana.
- 1790a. Tringa nebularia (Gunner). Greenshank. Denmark.
- 1801a. Calidris temminckii (Leisl.). Temminck's Stint. Denmark.
- 1896a. Aptenodytes forsteri Gray. Emperor Penguin. Graham Land.
- 2037a. Zenaidura graysoni Lawrence. Grayson's Dove. (South America).

# (III) Reptiles.

- 210b. Uranoscodon superciliosa (Linn.). Brown Iguana. British Guiana.
- 382a. Kentropyx striatus (Daudin). Striated Lizard. British Guiana.
- 583a. Dimades plicatilis (Linn.). Dimades Snake. British Guiana.
- 673a. Micropechis ikaheka (Lesson). Lesson's Spotted Snake. New Guinea.
- 714a. Agkistrodon bilineatus (Wied). Tropical Moccasin. (Tropical America).

# (IV) Amphibians.

- 20a. Euproctus montanus (Savigny). Corsica Newt. Corsica.
- 68b. Bufo typhonius (Linn.). Crest-eared Toad. British Guiana.
- 74b. Hyla arborea savigni Audouin. Savigny's Hyla. Corsica.
- 110a. Pleurodema brachyops (Cope). Snub-faced Frog. British Guiana.
- 125a. Rana guentheri (Boulenger). Guenther's Frog. Malaya.
- 125b. Rana graminea (Boulenger). Malayan Grass Frog. Malaya.
- 158a. Dendrobates leucomelas Dunn. Pied Poison Frog. British Guiana.
- 159d. Atelopus flavescens Dum. & Bib. Reticulated Frog. British Guiana.

# LIST OF DONORS OF ANIMALS TO REGENT'S PARK.

(\* Species New to the Collection.)
(\*\* Sub-Species New to the Collection.)

Adamson, Miss B., 1 Common Gull.

Allan, Mr., 1 Patas Monkey, 1 Green Monkey.

Amoroso, Professor E. C., 1 Grey Seal.

Anderson, Mrs., 1 Sclater's Spot-nosed Monkey.

Badeley, Mrs. J., 1 European Pond Tortoise.

Badyer, Miss O. M., 1 Budgerigar.

Bailey, Master Bert, 1 Sparrow-Hawk. Ballanger, Mrs. P., 1 Little Owl. Batting, Miss M. W., 1 Greek Tortoise.

Bawe, Mr., 1 European Hedgehog.

Beagley, Mrs. L., 2 European Badgers.

Bedford, H.G. The Duke of, 3 Pike Perch, 6 Giant Catfish.

Bignall, Master Michael A., 1 Golden Hamster.

Blaikley, C. W., 1 Barbary Turtle Dove.

Blayney, M., 2 Kusimanses.

Bloom, R., 3 White-footed Galagoes.\*\*

Botterill, Major R., M.C., A.C.I.S., 11 Hooded White Rats.

Bottom, M., 1 European Badger.

Bourke, Miss Myrtle, 2 Eyed Lizards.

Bowden, John, C.M.Z.S., 2 African Long-nosed Crocodiles, 3 African Sand Snakes, 1 Gaboon Viper.

Boxall, Brian, 1 Marmoset.

Bradford, R., 1 Bowsprit Tortoise.

Bridger, W. E. A., 1 Marmoset.

British Overseas Airways Corporation, 8 Avadavats, 4 Three-coloured Mannikins, 4 Nutmeg Finches, 2 Bengal Monitors.

Brown, R. Hamilton-, 2 Red-headed Cardinals.

Brunner, A. Fraser-, F.Z.S., 1 Egyptian Catfish.\*

Bute, The Most Hon. The Marquess of, 2 Booted Eagles, 3 Eyed Lizards.

Cameron, J., 2 Giant Tortoises.

Carberry, Mrs. J., 1 East African Galago.

Carr, Messrs. James W., & Co. Ltd., 2 Guinea Pigs.

Cartwright, Mrs. Phyllis, 2 Budgerigars.

Chaplin, The Rt. Hon. The Viscount, 1 Hunting Crow, 1 Larger Pied Wagtail, 2 Black-chinned Yuhinas, 1 Large Indian Cuckoo-Shrike.\*

Chawner, Miss E. F., 1 Aharoni's Eagle Owl, 1 Turkestan Eagle Owl.

Chetkowski, J., 1 Guinea Pig.

Chippendale, W. H., C.M.Z.S., 1 Azara's Fox, 1 Crab-eating Raccoon, 5 Boa Constrictors.

Clare, J., 1 Budgerigar.

Clements, Mrs., 2 Budgerigars.

Clevelly, Mrs. I., 2 Greek Tortoises.

Coates, Mrs., 2 European Pond Tortoises.

Copenhagen, Zoologisk Have, 3 Brazilian Swallow-tail Humming Birds, 4 Whitebellied Emerald Humming Birds.

Correia, E. F., 1 Green Tree Boa.

Coulthard, R., M.R.C.V.S., 1 Bateleur Eagle.

Cranbrook, The Rt. Hon. The Countess of, 4 Rabbits.

Curle, Col. A. T., D.S.O., M.B.E., 2 Gelada Baboons.

Curtis, B. E., 1 Rook.

Curtis, Sergeant-Major, 1 Olive Baboon.

Cushion, J., 1 European Hedgehog.

Dalman, J. M., 1 Kestrel.

Dash, R., 1 Sclater's Spot-nosed Monkey.

Davies, Norman, 1 Buzzard.

Davies, Mrs. Ruth, 2 Leopards.

Dean, Miss J., 1 Greek Tortoise.

Deutsch, Miss D., & Miss C. Armstrong, 1 Common Fire Finch, 2 Common Waxbills, 2 Crimson-eared Waxbills.

Dickson, Miss Susan, 1 Guinea Pig.

Dow, D. S., 4 Partridges.

Durrell, G. M., 1 Soldier Rat, 1 Thick-tailed Opossum, 1 Quica Opossum, 1 Greater Saltator, 1 Sonnini's Partridge, 1 Cainana Rat Snake, 2 Top-tailed Geckoes, 1 Skink, 1 Orange-legged Leaf Frog.

Edwards, L., 1 Green Monkey.

Falkland Islands Dependencies Survey, 2 Emperor Penguins, 5 Gentoo Penguins, 7 Ringed Penguins, 2 Maccaroni Penguins.

Findlay, Master Michael, 1 Orang Utan

Firth, Mr. and Mrs. J. L., 2 Servals.

Fisher, M. S., F.Z.S., 1 Greek Tortoise.

Fisher, Miss Selina, 1 European Hedgehog.

Ford, J., 6 Grey-breasted Tree Ducks, 3 Bahama Ducks.

Fraser, Lieut.-Col. F. C., I.M.S., Retd., 1 Smooth Snake.

Freebey, Mrs., 1 Greek Tortoise.

Frisby, Mrs. E. M., 1 Yellow-cheeked Parrot.

Frost, W. J. C., 1 Pig-tailed Monkey.

Gibbens, Mrs. G. H., 1 Kittiwake, 1 Razorbill, 3 Guillemots.

Gillet, Dr., 1 Two-spotted Palm Civet.

Green, Miss M., 1 Lamb.

Grey, Miss M., 1 Bowsprit Tortoise. Gritt, Mrs. E., 1 Red-backed Shrike.

Guinness, Messrs. Arthur, Son & Co. Ltd., 2 Toco Toucans.

Gunn, Mrs. J. J., 1 Cheetah.

Hagger, Mrs. E. G., 1 Budgerigar.

Harding, J., 1 European Turtle Dove.

Hardy, C. R., 2 Golden Tench.

Harriman, Captain, 1 Chapman's Squirrel, 1 Thick-billed Seed Finch, 1 Venezuelan Cardinal, 1 Little Saffron Finch.

Harriss, Master David, 2 Golden Hamsters.

Haynes, Mrs., 1 Bowsprit Tortoise.

Hayton, W., 1 Lesser White-nosed Monkey.

Hearn, Mrs. R. M., 1 Greek Tortoise. Heavens, Mrs., 1 Chinese Goose.

Hendy, Major H. R., 2 Stanley Cranes.

Hexter, S., 1 Pied Wagtail.

Hill, C., 1 Common Guillemot.

Hogg, J., 2 Greek Tortoises.

Holmes, Mrs., 1 Fantail Pigeon.

Holmes, Mrs. Winifred K., 1 Pyrenean Sheep Dog.

Holroyde, F. J., 1 Bronze-winged Mannikin.

Howard, Mrs., 4 Budgerigars.

Howard, J., 1 Budgerigar.

Hudson, Master A., 1 Greek Tortoise. Hummel, J. T. S., 1 Bosman's Potto.

Hurst, W. E., 1 Scarlet King Snake, 1 Harlequin Coral Snake, 1 Diamond Rattle-snake.

Huxley, Mrs. H., 1 Brown Capuchin Monkey.

Ionides, C. J. P., C.M.Z.S., 5 Kirtland's Tree Snakes, 7 Boomslangs, 3 Robust Plated Lizards, 1 Short-snouted Snake, 4 Rufous-beaked Snakes, 4 Blacklined Plated Lizards. Jackson, Miss Antoinette, 1 Brazilian Tortoise.

Jackson, R., 1 Bowsprit Tortoise.

Jamieson, W., 1 Lord Derby's Terrapin, 1 Black-necked Cobra.

Jersey Museum, The, 1 Loggerhead Turtle.

Johnson, Mrs. E. D. H., 1 Razorbill

Joliffe, R. C., 1 European Pond Tortoise, 1 Greek Tortoise.

Jones, T. S., 4 Green-backed Herons.

Judd, Mrs., 1 Black-headed Mannikin.

Kent, Major C., 2 American Mink.

Kewley, Mrs., 2 Budgerigars.

Knight, C. W. R., 1 Cuban Tree Frog.

Knight, Major Maxwell, O.B.E., 1 Nepal Hill Myna.

Knight, N. B., 1 Gannet.

Kosmala, Rupert, 1 Guinea Pig.

La Fontaine, T. S., 1 Budgerigar.

Lambert, Miss D., 1 Guinea Pig.

Lee, T. H., 1 Greek Tortoise.

Lindsay, Mrs. Edwin A., 4 European Tree Frogs.

Lingard, Mrs., 1 Grey Squirrel.

Lissman, Dr. H. W., F.Z.S., 5 African Lung Fish.

"Lokoja Palm", S. S., I European Scops Owl.

Long, G., 2 Red-headed Buntings.

Lousley, Mrs., 1 Greek Tortoise.

Luke, Dr. W. F., 1 Marsh Harrier.

Lusty, Messrs. John, Ltd., 2 Green Turtles.

Luther, H. M., 1 Baya Weaver Bird, 2 Napoleon Weaver Birds, 1 Pin-tailed Whydah Bird, 1 Orange Weaver Bird.

Lutz, Dr. Bertha, 3 Ridged Escuerzo.

McEwen, Mrs., 1 Bushy-tailed Galago.

MacInnes, Dr. D. G., I Leopard Tortoise.

McKittrick, F. J., 1 Snowy Owl.

Macpherson, Robert, 1 Common Guillemot.

Mann, J., F.Z.S., 140 Common Goldfish, 1 Common Tench.

Marr, J. R., 1 Starred Tortoise.

Martello, Mr., 2 Barbary Turtle Doves.

Mason, J. W., 1 Sparrow-Hawk.

Maude, L. R., F.Z.S., 5 Axolotls (White var.).

Merewether, Mrs. K., 1 Greek Tortoise.

Miller, Mrs., 1 Tawny Owl.

Miller, A., C.M.Z.S., 1 Martial Hawk Eagle, 1 Secretary Bird, 1 Pied Crow, 1 Tawny Eagle, 2 Comb Ducks, 1 African Python, 1 Royal Python, 2 Black-

necked Cobras, 1 Black-and-white Cobra.

Mitchell, B. L., C.M.Z.S., 8 Pygmy Mice, 3 African Tree Rats, 1 Cape Pouched Rat, 13 Nyasa Gerbils, 2 Mole Rats, 4 Darling's Mole Rats,\* 1 One-striped Kusu Mouse, 10 Meller's Chameleons, 5 Bridled Soft-shelled Turtles, 1 Blacknecked Agama Lizard, 7 Flap-necked Chameleons, 5 Black-necked Cobras, 3 Puff Adders, 2 Boomslangs, 1 Robust Plated Lizard, 4 Greater Plated Lizards, 1 Egyptian Cobra, 2 Sundevall's Skink, 2 Variable Blind Snakes, 3 Lord Derby's Terrapins, 1 Yellow-throated Plated Lizard, 1 Western Forest File Snake, 4 Smooth-clawed Xenopus, 8 Pig Toads, 3 Pug-faced Frogs, 2 Small-spotted Frogs, 8 Slender Toads, 5 Marbled Tree Frogs, 12 Fornasin's Tree Frogs.

Moore, J., 1 Chacma Baboon.

Morgan, C., 1 Silver Grey Opossum.

Munro, Masters James & Gordon, 2 Margouillat Lizards.

Neave, Dr. S. A., C.M.G., O.B.E., 1 Grey Parrot.

Ockenden, Mrs. R., 2 Greek Tortoises.

Paradine, Miss A., 1 Budgerigar.

Parker, The Hon. Lady, 1 Garnett's Galago, 1 Lesser Egyptian Jerboa.

Parry, Mrs., 1 Guinea Pig.

Parsons, W. L., 1 Patas Monkey, 2 Red-footed Ground Squirrels, 6 Rufousnecked Weaver Birds, 1 Guinea Touraco, 1 Broad-fronted Crocodile.

Pearce, Clive, 1 Egg-eating Snake.

Pearman, Mrs. D., 1 Grey Parrot, 1 Green-cheeked Amazon.

Peat, R. M., 4 Peter's Green Snakes.

People's Dispensary for Sick Animals, Hdqrs. Dept., 1 Mistle Thrush.

Percy, Miss G., 1 Alexandrine Parrakeet.

Philadelphia, Zoological Society of, 5 Gila Monsters, 1 Corais Snake, 1 Tropical Moccasin.\*

Pitman, E. F. J., 1 American Bull Frog.

Poole, Mr., 1 Basilisk Chameleon.

Priestley, Mrs. J. B., 1 Canada Goose.

Pritchard, C. M., 2 Rabbits.

Rath, C., 1 Jay.

Read, E. C., 4 Corsica Newts,\* 4 Painted Frogs, 6 Savigny's Hylas,\*\* 1 Spotted Salamander.

Reeve, T. W. K., 2 Weasels.

Reid, H. W., 1 Spiny Terrapin, 1 Amboina Box Tortoise.

Rendell, Mrs. F., 1 Greater Sulphur-crested Cockatoo.

Reszczynska, Miss Maria, 1 Rabbit.

Roberdeau Callery, Miss, 12 White-footed Mice.

Roberts, Miss E., 6 Old English Rabbits. Robertson, Mrs., 1 Red-legged Partridge.

Romer, J. D., 2 Estuarine Crocodiles, 1 Guenther's Frog, 2 Malayan Grass Frogs,\*
2 Common Malayan Frogs.\*

Rose, Rev. W. C., 2 Greek Tortoises.

Rosenbergs, Mrs. Melda, 1 European Pond Tortoise.

Rothschild, Mr., 1 Mistle Thrush.

Rush, Masters David & Peter, 1 Hinde's Duiker.

Russell, A. C., 1 Senegal Violet Plantain-eater, 2 African Barn Owls, 1 Fraser's Eagle Owl, 1 African Harrier Hawk, 1 Ayre's Hawk Eagle, 1 Abyssinian Lanner, 1 Akun Eagle Owl.\*

Sarvant, E. G., 1 Chub, 1 Common Perch.

Sawyer, R. C. J., 2 Argentine Red-breasted Marsh Birds.\*

Scott, Mrs., 1 Budgerigar.

Scrutton, E. H. D., 1 Little Owl.

Seago, John, 5 Malachite Sunbirds, 1 Golden-winged Sunbird.

Seggar, Mrs. Daphne, 1 Ocelot.

Sergeant, Mrs. K. Hilton-, 1 Grey Squirrel.

Skovles, Miss M. H. D., 1 Greek Tortoise.

Smith, Kenneth, 2 Guinea Red-breasted Marsh Birds, 1 Large-billed Hawk, 1 White-throated Falcon.

Smith, Mrs. L. S., 1 Green Monkey.

Smith, Master M., 1 Jackdaw.

Smith, R., 1 Common Guillemot.

Solovovo, Dr. S. G., 1 Southern Hill Myna, 2 Nepal Hill Mynas, 1 Red-vented Bulbul.

Sorrell, D. S., 1 Lesser Kudu.

Southan, Roy, I Guinea Pig.

Spencer, Inspector G. W., R.S.P.C.A., & J. A. Ainsley, 5 Common Guillemots, 1 Puffin.

Spiegal, Mrs., 1 Martin's White-nosed Monkey.

Spiers, Mrs., 1 Grey Squirrel.

Steyn, T. J., 1 Levaillant's Barbet, 1 Long-tailed Roller.

Stolpé, Mrs. E. M., 1 Rufus Pygmy Mongoose.

Strafford, Miss D., 1 Crab-eating Monkey.

Styles, Mrs., 1 European Hedgehog.

Tarrant, D. A., 1 Golden Hamster.

Teagle, W. G., 1 Woodcock.

Tilley, P. M., 109 Golden Carp, 60 Goldfish.

Trevisick, C. H., 2 Pigeons.

Tucker, Captain, 4 Rabbits.

Turner, Mrs. E., 1 Greek Tortoise.

Tyson, Mrs., 1 Common Guillemot.

Unknown, 2 Common Goats, 1 Tawny Owl, 2 Foxes.

Van Riet, Barend, 5 Stanley Cranes.

Vevers, G. M., F.R.C.S., 1 Stoat.

Vevers, Mrs. G. M., 5 Rabbits.

Waite, Maurice, 1 Green Monkey.

Warburg, M. W., 1 Starred Lizard.

Warren, Mrs. E. I., 1 Indian Pied Hornbill, 1 Brazilian Hangnest.

Warren, Lieut. Cdr., 1 Grenadier Weaver Bird.

Warren, Major P., 1 Little Masked Weaver.

Warwick, H., 1 Tawny Owl.

Waters, Warrant Officer J., 3 Ornate Tree Snakes.

Wathen, Mrs. M., 6 Harvest Mice.

Webb, C. S., 8 Savigny's Hylas.

Whitaker Mrs. Vera Carr-, 1 Starling.

Wicks, Mrs. L., 2 Golden Hamsters.

Willis, Mrs. M. P., 1 Mistle Thrush.

Wilson, P. A., 1 Lesser Redpoll, 2 Canaries, 5 Budgerigars.

Wright, C., F.Z.S., 8 Black Molly.

Wright, Mrs. T. Y., 3 Blossom-headed Parrakeets, 2 Layard's Parrakeets, 1 Aylesbury Duck.

Wrottesley, The Rt. Hon. The Lord, 3 Black Swans.

Yellow Fever Research Institute, The Director of, 1 Kolb's White-throated Monkey, 2 Stuhlmann's Monkeys, 1 Uganda White-nosed Monkey, 1 Silvery Galago (Black var.).

Young, Miss J., 2 Yellow Sparrows.

# LIST OF ANIMALS BORN AT REGENT'S PARK.

(The figures in brackets following an item indicates the number which have died.)

#### Mammals.

1 Lar Gibbon (Hylobates lar) (1).

1 Concolor Gibbon (Hylobates concolor) (1).

1 Stuhlmann's Monkey (Cercopithecus mitis stuhlmanni).

1 Marmoset (Hapale jacchus).

1 Straw-coloured Fruit Bat (Eidolon helvum) (1).

1 Lion (Felis leo) (1).

3 Tigers (Felis tigris).

2 Leopards (Felis pardus) (1).

- 4 Kenya Blotched Genets (Black var.) (Genetta tigrina erlangeri) (1).
- 2 Syrian  $\times$  Brown Bears (Ursus arctos syriacus  $\times$  Ursus arctos arctos).

1 Californian Sea Lion (Zalophus californianus) (1).

3 American Flying Squirrels (Glaucomys volans).

3 Prairie Marmots (Cynomys ludovicianus).

3 White-footed Mice (Peromyscus leucopus) (1).

3 Western Coucha Rats (Mastomys coucha erythroleucus).

8 Cape Pouched Rats (Saccostomus campestris) (4).

1 Kemp's Gerbil (Tatera kempii).

- 3 Lesser Egyptian Jerboa (Jaculus jaculus) (3).
- 1 Orange-rumped Agouti (Dasyprocta aguti). 1 Variegated Agouti (Dasyprocta variegata).

52 Guinea Pigs (Cavia porcellus).

2 Patagonian Cavies (Dolichotis patagona) (2).

1 Shetland Pony (Equus caballas).

3 Mouflon (Ovis musimon).

5 Barbary Wild Sheep (Ammotragus lervia).

18 Common Goats (Capra hircus) (1).

1 Impala (Aepyceros melampus).

2 Blackbuck (Antilope cervicapra) (1). 1 Nylghaie (Boselaphus tragocamelus).

1 Muntjac (Muntiacus muntjak).

1 Sambar (Rusa unicolor).

2 Bennett's Wallabies (Macropus rufogriseus fruticus).

#### Birds.

- 3 Masked Lovebirds (Blue Var.) (Agapornis personata).
- 3 Red-rumped Parrakeets (Psephotus haematonotus) (1).

47 Budgerigars (Melopsittacus undulatus) (5).

3 Great Eagle Owls (Bubo bubo). 2 Carolina Ducks (Aix sponsa).

3 Egyptian Geese (Alopochen aegyptiacus).

7 Paradise Sheld-Duck (Casarca variegata) (1).

2 Night Herons (Nycticorax nycticorax).

1 Great Black-backed Gull (Larus marinus).

3 Black-footed Penguins (Spheniscus demersus) (3).

2 Bob-whites (Colinus virginianus).

3 Quail (Coturnix coturnix).

8 Black-breasted Kalij Pheasants (Gennaeus horsfieldii) (1).

7 Chinese Silver Pheasants (Gennaeus nycthemerus) (2).

1 Edward's Pheasant (Hierophasis edwardsi).

- 2 Common Pheasants (Phasianus colchicus).
- 13 Mongolian Pheasants (Phasianus colchicus mongolicus).
- 15 Reeves's Pheasants (Syrmaticus reevesi).
- 1 Mikado Pheasant (Calophasis mikado).
- 24 Golden Pheasants (Chrysolophus pictus).
- 12 Lady Amherst's Pheasants (Chrysolophus amherstiae) (1).
- 4 Jungle Fowl (Gallus gallus).
- 2 Sonnerat's Jungle Fowl (Gallus sonneratii).

## Reptiles.

- 18 Northern Blue-tongued Skinks (Tiliqua scincoides) (9).
- 1 Boipevussu Snake (Cyclagras gigas).

## LIST OF ANIMALS DEPOSITED AT REGENT'S PARK.

(\* Species New to the Collection.)
(\*\* Sub-species New to the Collection.)

#### Mammals.

- 1 Chimpanzee.
- 2 Buttikofer's White-nosed Monkeys.\*\*
- 2 Lions.
- 6 Cotton Rats.

- 4 Donkeys.
- 2 Dexter Cows.
- 1 European Bison.
- 3 Reticulated Giraffes.

#### Birds.

- 5 Malachite Sunbirds.
- 1 Bronzy Sunbird.
- 1 Golden-winged Sunbird.
- 1 Cape Sugar Bird.\*
- 1 Indian Shama.
- 3 Golden-fronted Fruit Suckers.
- 1 Verditer Flycatcher.
- 8 Budgerigars.
- 1 African Barn Owl.
- 1 Milky Eagle Owl.
- 1 White-faced Scops Owl.

- 2 Black Kites.
- 1 Martinique Gallinule.
- 25 Indian Chukors.
- 19 Impeyan Pheasants.
- 2 Siamese Fire-backed Pheasants.
- 4 Koklas Pheasants.
- 7 Cheer Pheasants.
- 1 Mongolian Pheasant.
- 2 Germain's Peacock Pheasants.
- 1 Immature Hawk (Sp. inc.).
- 1 Egret (Sp. inc.).

# Reptiles.

- 1 Greek Tortoise.
- 5 Mississippi Alligators.
- 1 Carpet Python.

- 4 Indian Pythons.
- 1 African Sand Snake.

## LIST OF ANIMALS RECEIVED IN EXCHANGE AT REGENT'S PARK.

(\* Species New to the Collection.)
(\*\* Sub-species New to the Collection.)

#### Mammals.

- 1 Brazza's Monkey.
- 3 Mandrills.

- 2 European Squirrels.
- 3 Bristly Ground Squirrels.

3 Slender Loris.

1 Moholi Galago.

2 Banded Mongooses.

4 Yellow Mongooses.

3 Meerkats.

2 Dingoes.

1 Ring-tailed Coati.

4 American Flying Squirrels.

10 Indian Gerbils.

4 Blue Beveran Rabbits.

3 White-tailed Gnus.

2 Nyala.\*

1 Collared Peccary.

#### Birds.

2 Ravens.

1 Black-naped Oriole.

4 Pin-tailed Whydah Birds.

4 Queen Whydah Birds.

5 Paradise Whydah Birds.

3 Taha Weaver Birds.

1 Quail Finch.

8 Cut-throat Finches.

6 Red-headed Finches.

2 Melba Finches.

4 Steel Finches.\*

7 St. Helena Waxbills.

4 Black-cheeked Waxbills.

2 Golden-breasted Waxbills.

8 Blue-breasted Waxbills.

4 Violet-eared Waxbills.

3 Scaly-fronted Finches.

1 Hawfinch.

8 Bramblings.

5 Goldfinches.

1 Siskin.

1 Linnet.

6 Alario Finches.

6 Angolan Singing Finches.

6 Green Singing Finches.

4 Cape Canaries.

4 Bullfinches.

2 Waxwings.

1 Orange-headed Ground Thrush.

1 Indian Dial Bird.

2 Indian Shamas.

1 Spotted Flycatcher.

1 Naked-throated Bell Bird.

1 Toco Toucan.

2 Chestnut-eared Aracaris.\*

2 Yellow-billed Aracaris.\*

2 Spot-billed Toucanets.

1 Blue-cheeked Barbet.

1 Brazilian Swallow-tail Humming Bird.

1 White-throated Sapphire Humming

4 White-breasted Kingfishers.

1 Kea.

12 Quaker Parrakeets.

6 South African Brown Parrots.

12 Fischer's Lovebirds.

12 Masked Lovebirds.

1 Yellow-bellied Parrakeet.

1 Red-rumped Parrakeet.

4 Indian Darters.

2 Spot-billed Pelicans.

4 American White Pelicans.

2 Pink-footed Geese.

1 Cinnamon Teal.

1 Chestnut-breasted Teal.

1 North American Ruddy Duck.

2 Black-faced Ibis.

2 Sun Bitterns.

1 White-winged Trumpeter.

4 Greenshanks.\*

4 Redshanks.

2 Spotted Redshanks.

1 Wood Sandpiper.

6 Common Sandpipers.

2 Green Sandpipers.

1 Temminck's Stint.\*

6 Dunlins.

16 Ruffs and Reeves.

8 Golden Plovers.

3 Iceland Gulls.

1 Maccaroni Penguin.

2 Green-backed Gallinules.

1 Grayson's Dove.\*

2 Impeyan Pheasants.

2 Siamese Fire-backed Pheasants.

2 White-crested Kalij Pheasants.

3 Nepal Kalij Pheasants.

3 Chinese Silver Pheasants.

3 K 11 Phasents

2 Koklas Pheasants.

2 Common Pheasants (Dark Var.).

2 Japanese Pheasants.

6 Elliot's Pheasants.

3 Lady Amherst's Pheasants.

1 Sonnerat's Jungle Fowl.

3 Ceylon Jungle Fowl.

1 Pigeon.

# Reptiles.

- 4 Stump-tailed Skinks.
- 8 Northern Blue-tongued Skinks.
- 1 Western Boa.
- 1 Garter Snake.
- 1 Egg-eating Snake.

- 5 Purplish Death Adders.
- 1 Lesson's Spotted Snake.\*
- 3 Australian Tiger Snakes.
- 1 Indian Cobra.

# LIST OF ANIMALS PURCHASED FOR REGENT'S PARK.

(\* Species New to the Collection.) (\*\* Sub-species New to the Collection.)

#### Mammals.

- 2 Pileated Gibbons.
- 1 Talapoin Monkey.
- 2 Humboldt's Woolly Monkeys.
- 2 Geoffroy's Marmosets.
- 2 Lion Marmosets.
- 1 Mongoose Lemur.
- 2 Ring-tailed Lemurs.
- 2 Indian Martens.

- 2 Pandas.
- 1 Shetland Pony.
- 7 Donkeys.
- 2 Common Goats.
- 1 Hinde's Duiker.
- 1 Northern Waterbuck.
- 1 Two-toed Sloth.

#### Birds.

- 1 Hunting Crow.
- 2 Red Birds of Paradise.
- 1 Pied Myna.
- 1 Larger Racket-tailed Drongo.
- 2 Cowbirds.
- 2 Golden-headed Marsh Birds.
- 8 Pin-tailed Whydah Birds.
- 4 Paradise Whydah Birds.
- 8 Cut-throat Finches.
- 4 Crimson-winged Waxbills.
- 8 Combasous.
- 4 Common Waxbills.
- 14 Lavender Finches.
- 14 Orange-cheeked Waxbills.
- 15 Golden-breasted Waxbills.
- 2 Black-crowned Waxbills.
- 12 Crimson-eared Waxbills.
- 2 Layard's Spot-backed Weaver Birds.
- 2 Violet Tanagers.
- 4 Lesser Rufous-headed Tanagers.
- 2 Blue Tanagers.
- 1 Snowy Egret.
- 1 Tricolor Heron.\*
- 2 Green-backed Herons.
- 3 Glossy Ibis.
- 2 Sun Bitterns.
- 2 Eastern Sarus Cranes.

- 1 Maroon Tanager.
- 2 Grey Singing Finches.
- 2 Indigo Buntings.
- 2 White-crested Jay Thrushes.
- 1 White-throated Jay Thrush.
- 3 Blue-winged Sivas.
- 4 Silver-eared Mesias.
- 1 Golden-fronted Fruit Sucker.
- 5 Hooded Pittas.
- 2 Sulphury Tyrants. 1 Lettered Aracari.
- 4 Red-billed Hornbills.
- 4 Indian Rollers.
- 1 Everett's Thick-billed Parrakeet.
- 1 Griffon Vulture.
- 5 White-backed Vultures.
- 1 Brent Goose.
- 5 Greater Flamingoes.
- 1 Ruddy Sheld-duck.
- 4 Marbled Teal.
- 12 Demoiselle Cranes.
- 2 Lady Amherst's Pheasants.
- 1 Peacock Pheasant.
- 6 Vulturine Guineafowl.
- 2 Grant's Guans.
- 2 Piping Guans.

## Reptiles.

5 Scorpion Mud Terrapins

2 Rough Terrapins.

3 St. Hilaire's Terrapins.
1 Nile Soft-shelled Turtle.

1 Bridled Soft-shelled Turtle.

1 Black Cayman.

15 Spectacled Cayman.

3 Aspmat Cayman.

3 Moreau's Geckoes.

1 Marbled Syrclop Lizard.

5 Brown Iguanas.\*
4 Taraguira Lizards.

1 Iguana.

2 Nape-necked Iguanas.

6 Indian Changeable Lizards.

5 Margouillat Lizards.

1 Great Moluccan Skink.

1 Striated Lizard.\*

1 Surinam Lizard.

1 Anaconda.

1 Amethystine Python.

1 Garden Tree Boa.

2 Fierce Papuan Boas.

3 Boa Constrictors.

8 Surinam Snakes.

1 Red-lined Snake.

1 Boddaert's Snake.

4 Cananina Snakes.

2 Cainana Rat Snakes.

2 Corais Snakes.

1 Royal Snake.

2 Merrem's Water Snakes.

2 Dimades Snakes.\*

1 Cenchoa Snake.

1 Boomslang.

1 Purplish Death Adder.

1 Blue Krait.

1 Indian Cobra.

1 Harlequin Coral Snake.

1 Chequered Coral Snake.

2 Russell's Vipers.

1 Reinhardt's Mole Viper.

10 Fer-de-lance.

2 Cascabel Rattlesnakes.

1 Anolis (Sp. inc.).

1 Snake (Sp. inc.).

1 Water Snake (Sp. inc.)

# Amphibians.

1 Surinam Toad.

6 Giant Toads.

30 Granulated Frogs.

3 Crest-eared Toads.\*

12 Warty Hylas.

6 Daudin's Hylas.

9 Donmerc's Hylas.

10 White's Hylas.

1 Demerara Frog.

1 Snub-faced Frog.\*

1 South American Bull Frog.

18 Pied Poison Frogs.\*

20 Reticulated Frogs.\*

Collected by J. W. Lester, F.Z.S. from Sierra Leone.

(\* New to the Collection.)
(\*\* Sub-species New to the Collection.)

4 Buttikofer's White-nosed Monkeys,\*\* 4 King Colobus Monkeys, 1 Red Colobus Monkey, 4 Campbell's Mona Monkeys, 2 Guinea Baboons, 1 Olive Baboon, 5 Senegal Galagos, 3 Demidoff's Galagos, 1 Kusimanse, 1 Ratel, 1 White-spotted Squirrel, 1 Red-footed Ground Squirrel, 1 Red River Hog, 2 Pintailed Whydah Birds, 4 Napoleon Weaver Birds, 3 Cape Palmas Mannikins, 2 Bronze-winged Mannikins, 2 Magpie Mannikins, 1 Gold Coast Fire Finch,\*\* 5 Common Fire Finches, 1 Yellow-winged Pytelia,\* 1 St. Helena Waxbill, 1 Grey-headed Olive Back,\* 1 Superb Sunbird, 5 Coppery Sunbirds, 1 Buff-bellied Sunbird,\*\* 6 Kemp's Olive-bellied Sunbirds,\* 5 Splendid Sunbirds, 1 Collared Sunbird, 1 Double-toothed Barbet, 1 White-faced Scops Owl, 1 Senegal Blue-spotted Dove, 5 Spur-winged Geese, 3 European Turtle Doves, 1 Senegal Chameleon, 1 Royal Python.

Found in the Gardens, 1 Black-backed Gull.

#### ANIMALS AT WHIPSNADE PARK.

Animals of all kinds (except Fish and Invertebrates) on 1st January, 1950 Animals of all kinds (except Fish and Invertebrates) received in 1950 by presentation, exchange, deposit, purchase, or birth (and transferred	1,366
from Regent's Park)	547
	1,913
Animals of all kinds (except Fish and Invertebrates) dead, sold, sent in exchange, or returned to depositors (and transferred to Regent's Park)	
in 1950	464
Animals of all kinds (except Fish and Invertebrates) on 31st December, 1950	1,449

# LIST OF DONORS OF ANIMALS TO WHIPSNADE PARK.

Barton, Mr., 1 Greater Sulphur-crested Cockatoo.

Bedford, H.G. the Duke of, 7 Père David's Deer, 4 North American Bison, 3 Formosan Deer, 2 Fallow Deer, 4 Chinese Water Deer.

Blindell, Dr., I Roseate Cockatoo.

Brody, Dr. and Mrs. R., 4 Greek Tortoises.

Chippendale, W. H., C.M.Z.S., 1 Puma.

Colombo Zoo, Ceylon, 1 Indian Elephant.

Coomer, Mrs. H., 1 Alexandrine Parrakeet.

Dyer, R. B., 1 Alexandrine Parrakeet.

Gibbs, Mr., 1 Green Monkey.

Lawrence, Mrs. B., 1 Blue-fronted Parrot.

MacLeod, Mrs. I., 2 Blue Rex Rabbits.

Maxwell, P. H., F.Z.S., 1 Leadbeater's Cockatoo, 1 Dwarf Sulphur-crested Cockatoo.

Roberts, C. H., B.A., 1 Timor Crimson-winged Parrot.

Shute, Mrs. R., 1 Alexandrine Parrakeet.

Toronto Zoo, Canada, 1 Wapiti Deer.

Waters, Mrs. D. M., 1 Blue-fronted Parrot.

White, Mrs., 1 Shetland Pony.

Yule, Lady, 34 Barbary Turtle Doves.

## LIST OF ANIMALS BORN AT WHIPSNADE PARK.

(The figures in brackets following an item indicates the number which have died.)

#### Mammals.

- 14 Husky Dogs (Canis familiaris) (1).
- 3 Shetland Ponies (Equus caballus).
- 4 Yak (Poephagus grunniens).
- 3 North American Bison (Bison bison).
- 1 Cape Buffalo (Syncerus caffer).
- 13 Mouflon (Ovis musimon) (1).
  - 1 White-tailed Gnu (Connochaetes gnou).
  - 4 Blackbuck (Antilope cervicapra) (4).
  - 3 Nylghaie (Boselaphus tragocamelus) (1).

- $1 \ \operatorname{Baringo} \times \operatorname{Cotton's} \ \operatorname{Giraffe} \ (\textit{Giraffa camelopardalis rothschildii} \times \textit{G.c. cottoni}).$
- 5 Fallow Deer (Dama dama) (1).
- 1 Spotted Deer (Axis axis).
- 1 Hog Deer (Hyelaphus porcinus).
- 1 Sika Deer (Sika nippon).
- 3 Formosan Deer (Sika taiouanus).
- 1 Red Deer (Cervus elaphus).
- 1 Bactrian Camel (Camelus bactrianus).
- 2 Llamas (Lama glama).
- 75 Bennett's Wallabies (Macropus rufogriseus fruticus) (2).

#### Birds.

- 4 Whooper Swans (Cygnus cygnus).
- 13 Carolina Ducks (Aix sponsa) (2).
- 2 Greater Snow Geese (Chen hyperborea atlantica).
- 12 Canada Geese (Branta canadensis).
- 1 Red-breasted Goose (Branta ruficollis).
- 3 Upland Geese (Chloephaga leucoptera).
- 27 Egyptian Geese (Alopochen aegyptiacus) (1).
- 1 Manchurian Crane (Megalornis japonensis).
- 2 Indian Chukors (Alectoris graeca chukar) (2).
- 2 Impeyan Pheasants (Lophophorus impejanus).
- 3 Temminck's Tragopan (Tragopan temmincki).
- 9 Pallas's Eared Pheasants (Crossoptilon auritum).
- 6 Swinhoe's Pheasants (Hierophasis swinhoi).
- 2 Edwards's Pheasants (Hierophasis edwardsi).
- 5 Ring-necked Pheasants (Phasianus colchicus torquatus).
- 9 Common Pheasants (Dark Var.) (Phasianus colchicus mut. tenebrosus).
- 32 Reeves's Pheasants (Syrmaticus reevesi) (3). 21 Golden Pheasants (Chrysolophus pictus).
- 18 Lady Amherst's Pheasants (Chrysolophus amherstiae) (1).
- 7 Common Peafowl (Pavo cristatus).
- 7 Kenya Crested Guineafowl (Guttera pucherani).
- 17 North American Turkeys (Meleagris gallopavo silvestris).
  - 1 Brush Turkey (Alectura lathami).

# LIST OF ANIMALS DEPOSITED AT WHIPSNADE PARK.

#### Birds.

- 1 Noble Macaw.
- 1 Yellow-shouldered Parrot.
- 1 Salvin's Parrot.
- 1 Ducorp's Cockatoo.

- 2 Great Black Cockatoos.
- 1 Lesser Sulphur-crested Cockatoo.
- 1 Citron-crested Cockatoo.

LIST OF ANIMALS RECEIVED IN EXCHANGE AT WHIPSNADE PARK.

Mammals.

1 Dingo.

2 Californian Sea Lions.

#### Birds.

1 Quaker Parrakeet.

2 Queen Alexandra's Parrakeets.

2 Barnard's Parrakeets.

3 Black-necked Swans.

3 Black Swans.

10 Common Teal.

15 Demoiselle Cranes.

1 Impeyan Pheasant.

5 Chinese Silver Pheasants.

3 Swinhoe's Pheasants.

1 Lady Amherst's Pheasant.

1 Black-winged Peafowl.

## LIST OF ANIMALS PURCHASED FOR WHIPSNADE PARK.

#### Mammals.

2 Cheetahs.

4 Zebras.

2 Hippopotamus.

#### Birds.

4 Mute Swans.

2 Western Canada Geese.

4 Marbled Teal.

1 Chiloe Wigeon.

3 Chinese Silver Pheasants

2 Peacock Pheasants.

6 Common Peafowl.

ACKNOWLEDGMENTS.—The Society is much indebted to Fellows, Corresponding Members, Private Donors, and to Institutions, Societies, Government Ministries, Shipping Companies and Air Lines for their kind gifts and assistance in transport. Specially to be mentioned in respect of 1950 are the Most Hon. the Marquess of Bute, Mr. Proby J. Cautley, M.R.C.V.S., the Rt. Hon. the Viscount Chaplin, Mrs. W. Frick, Mr. C. J. P. Ionides, C.M.Z.S., Mr. G. C. Knight, F.R.C.V.S., Mrs. Hermione Blandy de Frietas Martins, Major C. H. C. Creed-Miles, Mr. A. Miller, O.B.E., C.M.Z.S., Mr. B. L. Mitchell, C.M.Z.S., Mr. J. D. Romer, Mr. Colin Russell, the Rt. Hon. the Lord Wrottesley, the Falkland Islands Dependencies Survey, the Royal Zoological Society of Antwerp, the Zoological Garden of Basel, the Chicago Zoological Society, the Zoological Gardens of Ceylon, the Zoological Gardens of Copenhagen, the Zoological Society of Philadelphia, the National Zoological Gardens of South Africa, the Royal Veterinary College, the Board of Trade, H.M. Customs and Excise, the Ministries of Agriculture and Fisheries, Education, Food (Animal Feeding Stuffs Division), Fuel and Power, Transport, Works, the Public Health Departments of Acton, City Corporation, Holborn, St. Marylebone and Wandsworth, the British Broadcasting Corporation, the American Express Company Incorporated, the Blue Star Line Limited, the Booth Steamship Company Limited, British Railways, Messrs. Brown, Jenkinson and Company Limited, the Canadian Pacific Express Company, Messrs. Thos. Cook & Son, Limited, the General Steam Navigation Company, Messrs. George Hammond & Company, Messrs. T. & J. Harrison, Munro Transport, the Union Castle Mail Steamship Company, the United States Lines, Aer

Lingus, British European Airways, the British Overseas Airways Corporation, British South American Airways, Pan American Airways and the Royal Dutch Airlines.

In connection with the collecting trip made by Mr. J. W. Lester to Sierra Leone, the Society's thanks are especially due to Mr. R. R. Glanville, C.M.Z.S., Director of Agriculture, Sierra Leone, to his colleagues and to the staffs of many other Government Departments, as well as the General Manager and staff of the United Africa Company Limited in Sierra Leone, the General Manager and staff of the Palm Line and the Captain and crew of s.s. "Loroja Palm".

As in the past, the Society is grateful to The Rt. Hon. The Earl of Leicester and to Mrs. Powell-Cotton for their kindness in providing evergreen oak for the Okapi and Giraffes.

d

of

## FINANCE.

#### INCOME AND EXPENDITURE.

- (a) REGENT'S PARK. The income was £302,932 (an increase of £44,327) and the expenditure amounted to £292,955 (an increase of £34,672).
- (b) Whipsnade Park. The income was £71,782 (an increase of £5,517), and the expenditure amounted to £69,373 (an increase of £4,877).
- (c) Surplus. The net surplus (after making appropriations to Funds to meet future liabilities) carried to the General Purposes Account, amounted to £12,286, as compared with a surplus of £1,991 for 1949.

# ASSETS, LIABILITIES AND BALANCE.

- (a) Assets. At the end of the year the total assets of the Society amounted to £991,217, an increase of £93,128 on the corresponding figure for 1949.
- (b) LIABILITIES. The liabilities (including Pension Fund and Depreciation of Investments Reserve Fund) amounted to £327,397, an increase of £77,478 on the corresponding figure for 1949.
- (c) Balance. The balance, a surplus of assets over liabilities, amounted to £663,820, an increase of £15,650 on the corresponding figure for 1949.

Signed (for the Council),
SHEFFIELD A. NEAVE.

Secretary.

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

21st March, 1951.

# REPORT OF THE AUDITORS OF THE ACCOUNTS

OF THE

# ZOOLOGICAL SOCIETY

OF LONDON

To the Council and Fellows,

The Zoological Society of London,

Regent's Park, N.W.8.

In accordance with Chapter V of the Bye-laws, we hereby certify that we have audited the Accounts of the Society for the year ended 31st December, 1950, as shown by our certificate attached to the accompanying Accounts. We report to the Society that at that date the total Assets included in the Balance Sheet amounted to £991,217, and the Liabilities, Pension Fund and Depreciation of Investments Reserve Fund to £327,397, showing a surplus of Assets over Liabilities amounting to £663,820, subject to the estimated values of some of the Assets.

(Signed) W. B. KEEN & Co., Chartered Accountants.

Finsbury Circus House,
Blomfield Street,
London, E.C.2.

23rd February, 1951.

		-		-	Comp			
Comp. Figures, 1949.	LIABILITIES AND SURPLUS.				Comp. Figures, 1949.	ASSETS.		•
£		£	£	ç	£	1	2	1
	Sundry Creditors—					Freehold Property— Whipsnade Park—		
18,949	Provisions, Materials and General Expenses			14,499		Cost of Land and Buildings, Enclosures, etc., including		
	Reserves and Suspense Account—					Redemption of Land Tax and Tithes at 1st January, 1950	00,854	
303	Receipts in Advance (Subscriptions, etc.)			274				
	Pensions Fund—					Regent's Park—	14.474	
	Balance at 1st January, 1950 161,217					31, Prince Albert Road	14,474	115,328
	Add Transfer of Fees of deceased Compounders 645				115,328	- La December Operanting Station Clausester Cate	- OKEK	110,020
	Interest on Investments 6,159 Contributions to Fund—General Account 87,952					Leasehold Property, Quarantine Station, Gloucester Gate— Balance at 1st January, 1950	1,500	
	1 0 1 1 1 2 2 2 2 2					Deduct Amount written off transferred to Income and		
	do. —Catering Account 2,350	258,323				Expenditure Account (see page 33)	250	
	Deduct Pensions Paid	14,303		100	1,500		-	1,250
161,217			244,020		1/10000	Plant, Vehicles, Fittings and Furniture—		
1000000000	Depreciation of Investments Reserve Fund—		122 222	300		At Regent's Park and Whipsnade Park and in Catering		1000
66,000	Balance at 1st January, 1950		66,000		-	Departments (not valued)		
				310,020	CONTRACTOR OF THE PARTY OF THE	Stock Accounts—	99 500	
	Loan and Mortgage Accounts—				122,700	Allimats belonging to the society	23,599 00,000	
	Drummonds Branch, Royal Bank of Scotland			200	100,000	Control Dall's time	*1,000	
				100	*1,000 6,752	Maps, Films, Books, and Souvenirs, etc. (at cost)	6,389	
	Art Studio Building—				*3,186	Farm and Garden: Crops, Implements, etc. (Whipsnade)	*4,736	
	Balance at 1st January, 1950 1,680  Deduct Amount repaid during year 450				13,290	Catering Departments—Provisions, etc. (at cost)	12,165	
1,680	Deduct Amount repaid during year 450	1,230		100	10,200	-		247,889
1,000	Purchase of Land and Premises at Whipsnade—	1,200		100	7 974	Sundry Debtors— Miscellaneous Accounts since received or considered good		7.527
	Balance at 1st January, 1950 270				7,274	Suspense Accounts—		
	Deduct Amount repaid during year 150				1,769	Rates, Insurances, etc., paid in advance		2,053
270	a second quiency been an easy off adults 4 mile	120			1,100	Investments (at cost)—		
	W	-	1,350			Pensions Fund—		
	Mortgage on Quarantine Station, Gloucester Gate—	1 500		300		£137,975 7s. 10d. 3 per cent. British Transport Gtd.		
	Balance at 1st January, 1950 Deduct Amount repaid during year	1,500 250				Stock 1978–88 134,215 £96,558 11s. 0d. 3 per cent. British Gas Gtd. Stock 1990–95 89,645		
1,500	Deduct Amount repaid during year		1,250			£11,466 6s. 2d. 3 per cent. British Transport Gtd. Stock		
-,-				2,600		1967-72 10,500		
						£6,000 0s. 0d. Consolidated Co. Bultfontein Mine Ltd.		
249,919				327,397		Ordinary Shares £1 each fully paid 9,509	. (0.000	
					159,215		243,869	
	Balance being Excess of Assets over Liabilities—					Heer Bequest—	91	
0.1	Heer Bequest—		01		91		31	
91	Balance at 1st January, 1950 Composition Fund—		91			Composition Fund— £14,699 2s. 0d. Consolidated 2½ per cent. Stock 14,327		
	Balance at 1st January, 1950	20,869				£6,032 16s. 10d. 3 per cent. British Transport Gtd.		
	Add Fees received during year	460				Stock 1978–88 5,952		
				100		£376 18s. 7d. 3 per cent. British Gas Gtd. Stock 1990-95 355	22 221	
		21,329		99	20,869		20,634	
	Deduct Transfer to Pensions Fund—Fees of deceased	0.14				Catering Departments—Equipment and Repairs Stabil-		
90.000	Compounders	645	20 604			isation Fund—  54 782 3s. 1d. Consolidated 2t per cent. Stock 4,755		
20,869	Cataring Departments Fauirment and Panaire Stabil	10000	20,684			£4,782 3s. 1d. Consolidated 2½ per cent. Stock 4,755 £288 16s. 10d. 3 per cent. Funding Loan, 1959-69 300		
	Catering Departments Equipment and Repairs Stabilisation Fund—			1011	5,055	2200 100. 100. b per center I amang 2000,	5,055	
	Balance at 1st January, 1950 7,444				0,000	Staff Compensation and Sick Benefit Fund—		
	Add Interest on Investments 128				1 2020	£414 4s. 1d. 3 per cent. British Transport Gtd. Stock	111/48	
	Annual Contribution by Catering Depts 12,500			3/4	406	1978–88	406	
		20,072				Hance Bequest—	11 194	
-	Deduct Expenditure during year	11,479	0.800	1000	10,910	£11,248 8s. 3d. Consolidated 2½ per cent. Stock	11,184	
7,444			8,593		£569.348	Carried forward £	281.239	£374,047
£278,323	Carried forward		£29,368 £	2327.397	2009.340	* As per valuations by Society's Officials.		
2210,020	Carned forward		220,000 2					

Come								
Comp Figures, 1949.	LIABILITIES AND SURPLUS.			Fig	mp. ures,	ASSETS.		
£ 278,323	Brought forward	£	£ 29,368 3	£ 207 200	£ 9,345	Brought forward	£ 281,239	\$ 374,047
	Balance being Excess of Assets over Liabilities—continued— Staff Compensation and Sick Benefit Fund— Balance at 1st January, 1950  Add Interest on Investments  Donations  Transfer from Income and Expenditure Account (see page 37)	638 12 2 100				£1,495 144, 2d, 2½ per cent. Savings Bonds 1964-67 1,4	2,407 824 630 484	
638	Deduct Expenditure during year	752 50	702		1,287	Neave-Lloyd Nomenclator Zoologicus Fund— £2,267 6s. 6d. Consolidated 2½ per cent. Stock Depreciation of Investments Reserve Fund—	2,250	
	Hance Bequest— Balance at 1st January, 1950  Add Interest on Investments	10,910 274		6	6,000	£35,817 14s. 6d. 2½ per cent. Savings Bonds 1964-67 35, £31,173 14s. 10d. Consolidated 2½ per cent. Stock 30,9	940 66,00	0
10,910	Salusbury Bequest—		11,184			General Reserve and Post-War Development Fund— £79,959 7s. 8d. Consolidated 2½ per cent. Stock 79, £1,750 0s. 0d. British American Tobacco Co., Ltd.,	,574	
2,407	Balance at 1st January, 1950	2,407	2,467			£1 Units	,867 ,416	
824 7,964 2,574	Kime Bequest— Balance at 1st January, 1950  Add Interest on Investment  Zoological Record Fund (see page 39)  Neave-Lloyd Nomenclator Zoologicus Fund (see page 39)	824 26	850 8,896 2,778			£7,500 0s. 0d. Powell Duffryn Ltd., £1 Units 9, £260 0s. 0d. Prudential Assurance Co., Ltd., 260 "A"  Shares of £1 each 8, £1,900 0s. 0d. Shell Transport and Trading Co., Ltd., £1 Units (Bearer) 8	,259 ,911 3,693 ,899	
	General Reserve and Post-War Development Fund— Balance at 1st January, 1950  Add Interest on Investments  Seven Year Covenants and Adoption Scheme Donations Donations	178,145 6,692 863 327 ——————————————————————————————————		1	48,339 1,450	Shares of 12s. 6d. each 8  General Purposes Account—  Loan on Mortgage—  Balance at 1st January, 1950	3,912 	35 50
178,145	Deduct Cost of Central Heating System, Regent's Park (on account) 5,741 Purchase of Animals for Whipsnade Park 2,200	7,941	178,086		61,534 3,223	Cash at Bank and in Office—  Deposit and Current Accounts—  General Accounts  Catering Departments  do. Equipment and Repairs Stabilisation Fund	66,7 4,6 3,5	349
	General Purposes Account—  Balance at 1st January, 1950 416,304  Add Increase in value of Animals 899 ———	417,203	1.0,000		2,389 29,806 2,002 3,941 1,287	Composition Fund	31,4 1 3,7	151 26 782 528
416,304	Add Excess of Income over Expenditure for Year (see page 37)	12,286	429,489	363,820	232	Staff Compensation and Sick Benefit Fund Salusbury Bequest		296 60 — *111,28 <b>5</b>
£898,089				01 217	898,089	* £95,000 on Deposit Account.  The Market Value of the Securities held on 31st December, 1950, at mum Stock Exchange quotations was £448,028 showing a Depreci of £56,407 on original cost.	mini- iation	£991,217

FOR THE YEAR ENDED 31ST DECEMBER, 1950.

-					-			10
Comp. Figures, 1949.	INCOME.				Comp. Figures, 1949.	EXPENDITURE.		
£	REGENT'S PARK.			££	£	REGENT'S PARK.	£	£
	FELLOWS.					GARDENS.		
2,402 18,529 496	Entrance Fees			2,680 18,875 1,049 ————————————————————————————————————	4,400 55,287 8,754 19,224	Rent, Rates, Taxes and Insurance  Salaries—Menagerie Staff and Keepers  Animals, Cost and Carriage of  Provisions  Menagerie Repairs and Maintenance—Wages, Materials, Fuel,  Light, Water, Cleaning, Utensils, Transport and Other  Expenses  Deduct War Damage Claim	53,929	4,758 62,085 5,043 21,445
	GARDENS.					Dilapidations Claim 2,766	6,839	
169,645	Admission of Visitors to Gardens			200 200	49,397	Gardeners' Expenses—		47,090
15,156 11,135 39	do. do. to Aquarium do. do. to Children's Zoo Photographers', Artists' and Students' Permits			206,205 14,505 10,133 96	6,688	Salaries, Wages, Seeds, Plants, Implements, etc Aquarium Maintenance— Salaries, Wages, Exhibits, Provisions, Fuel, Light and Other		7,411
260	Cinematograph Film Permits			203	9,250	Expenses		11,646
338	Chimpanzees' Tea Party			529	1,681	Advertising		2,057
6,387	Hire of Cameras			23 8,302	6,053 1,641	Books, Souvenirs, etc., Cost of		7,731 1,731
4,742	Bath and Push Chairs, Hire of			4,427	1,011	Leasehold Property (Quarantine Station), Amount written off		1,101
1,710	Animals, etc., Sale of			700	250	(see page 29)		250
8,186 6,794	Books, Souvenirs, etc., Sale of			12,179	4,600	Children's Zoo— Wages, Provisions, Exhibits, General Maintenance, etc		6.144
441	Photography—Children's Zoo			8.501 438	4,000	wages, Provisions, Exhibits, General Maintenance, etc		0,144
				200,	241 £167,225			177,391
1000	SCIENTIFIC.					SCIENTIFIC.		
101 92	Library Photographs, Copyright Fees Prosectorium Specimens, Sale of Scientific Publications—			110 187	2,408	Salaries and Sundry Expenses	2,267	
1,416	Subscriptions and Sales		 £	1,284	4,085	Library— Salaries, Wages, Books and Binding, etc	4,183	
	Zoo Life Magazine—		2			Deceatorium Propose		
91	Sales in the Gardens				2,887	Prosectorium Expenses— Salaries, Wages, Chemicals, Apparatus, etc	3,556	
217	Share of Sales by Publishers, Vol. 4 (Society's share of Sales by the publishers for	or ·	. 249	366	1001			
	Vol. 5 not yet ascertained.)			1,	94,961	Scientific Publications, Cost of	4,239	
						Zoo Life Magazine—		
					316 60	Contributors' Fees, etc		
	INTEDEST						408	
	INTEREST.				250	Grants— Zoological Record Fund (see page 38) 250		
973	Investments and Bank Deposit			1,090	116	Other Grants 51		
3,092 57	de Arroyave Trust Fund (see page 39) Davis Trust Fund (see page 39)			3,092 57	-	The state of the s	301	14.042
	(see Page 30)			- 4,	234			14,943
£259 211	Carried forward			0005	f182,308		5	£192,384
£252,311	Carried forward	***		£295,	05.			

			-		
FOR THE	YEAR	ENDED	IST	DECEMBER,	1950.

£ REGENT'S PARK. £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £					THE THIRD	EMPED MIST T	PECEMBER, 1950.
### Secretary Park	Comp. Figures, 1949.	INC	COME.			Figure	EAPENDITURE.
CATERING DEPARTMENT, RECENT'S PARK.    12.027 Profit for the year 1950	£	REGE	NT'S PARK.	£	£	££	
CATERING DEPARTMENT, REGENT'S PARK.  12.027 Profit for the year 1950 3.057 Rent of Department and Lavarories 2,500 16,089 18,188 7,501  19,094  8,800  Deduct Expenditure by Gardens Department  8,188 7,501  PENSIONS. 11,071 2,060  Additional Contribution 15,702 2,703  CARDENS.  40,011 2,936  GARDENS.  40,011 2,936  GARDENS.  40,011 2,936  CARDENS.  41,750 2,938  CARDENS.  41,750 2,938  CARDENS.  41,750 42,848 43,848 44,849 44,847	252,311	Brought forward	,		- 1	295,031 182,3	08 Brought forward
2,500		CATERING DEPARTMENT, REG	ENT'S PARK.			1	
15,694			and Lavatories		10.000	14,8	
Pensions   1,701   Contribution to Fund   15,702   1,701   Contribution   1,700   1,	6.294	8,800 Deduct Expenditure	e by Gardens Dep	artment			
11,071   Contribution to Fund   15,702	0,201					7,901	
£ WHIPSNADE PARK. £ £ £ £  GARDENS.  40.011 Admission of Visitors to Park							15 709
### Fig. 1.5							70 000
### Fig. 1.5							
### Carp Park   Foundation   Fo							
### Fig. 1.5							INTEREST.
## CARDENS.    Car Park							
## Car Park—   2,956	£258,605	Total Income, Regent's Park (see	e page 36)		£3	02,932 £258,2	83 Total Expenditure, Regent's Park (see page 37) £292,90
GARDENS.					_		
GARDENS.							
GARDENS.							
Admission of Visitors to Park   41,750   2,956   do. Cars   do.   4,661	£	WHIPS	SNADE PARK.	£	£	£	WHIPSNADE PARK. £ £
2,956   do.   Cars   do.     4,661     46,411     900     46,411     900     2,785   Parking Fees     3,014     2,931     5   Cinematograph Film Permits     40   2,931     18,72     688   Rath and Push Chairs, Hire of   2,630   Animals, etc., Sale of   Sale of Produce, etc.   5,441   112   Garden and Forestry   149   4,437   Books, Souvenirs, etc., Sale of   1,906   170   Miscellaneous Receipts     1,906   170   Miscellaneous Receipts     46,411   900   Animals, Cost and Carriage of     16,041   900   Animals, Cost and Carriage of     16,041   900   Animals, Cost and Carriage of     1,906     1,90		GARDENS.		· Institute of			GARDENS.
Car Park							Rates, Taxes and Insurance
2,785	2,950				46,411		000 Animals, Cost and Carriage of
2,640   Train Receipts   2,931     5   Cinematograph Film Permits   40   19,763   Expenses   .	2,785	Parking Fees			3,014	9,	Menagerie Repairs and Maintenance—Wages, Materials, Fuel,
2,092 Riding Receipts		Thoin Descints				10	Light, Water, Orealing, 990
818 Bath and Push Chairs, Hire of							that pexpenses
Farm—  5,491 Sale of Produce, etc	2,092	Cinematograph Film Permits Riding Receipts			40		668 Advertising
112 Garden and Forestry	2,092 818	Cinematograph Film Permits Riding Receipts Bath and Push Chairs, Hire of			40 1,872 699	4,	668 Advertising
4,437 Books, Souvenirs, etc., Sale of 5,620 2,073 Maps, Sale of	2,092 818 2,530	Cinematograph Film Permits Riding Receipts Bath and Push Chairs, Hire of Animals, etc., Sale of Farm—			40 1,872 699	4, 2, 2,	668 Advertising
2,073 Maps, Sale of	5,491	Cinematograph Film Permits Riding Receipts Bath and Push Chairs, Hire of Animals, etc., Sale of Farm— Sale of Produce, etc			40 1,872 699 2,684 5,441	4, 2, 2,	668 Advertising
70,834	5,491 112 4,437	Cinematograph Film Permits Riding Receipts Bath and Push Chairs, Hire of Animals, etc., Sale of Farm— Sale of Produce, etc. Garden and Forestry Books, Souvenirs, etc., Sale of			40 1,872 699 2,684 5,441 149	4, 2, 2,	668       Advertising
	5,491 112 4,437 2,073	Cinematograph Film Permits Riding Receipts Bath and Push Chairs, Hire of Animals, etc., Sale of Farm— Sale of Produce, etc. Garden and Forestry Books, Souvenirs, etc., Sale of Maps, Sale of			40 1,872 699 2,684 5,441 149 5,620 1,906	4, 2, 2,	668       Advertising
	5,491 112 4,437 2,073	Cinematograph Film Permits Riding Receipts Bath and Push Chairs, Hire of Animals, etc., Sale of Farm— Sale of Produce, etc. Garden and Forestry Books, Souvenirs, etc., Sale of Maps, Sale of			40 1,872 699 2,684 5,441 149 5,620 1,906 -67	4, 2, 2,	668       Advertising

-	_			_
	-	٠.	е	
•	•		٠.	-
-	•	п	r	ъ

Comp. Figures, 1949.			INCOMI	7.				
£			WHIPSNADE	PARK	<u>.</u>		£	£
66,120	Bro	ought forward				 		70,834
	Catering	Department, Whip	snade Park—			£		
	1,611 1,088	Profit for the Yea Rent of Departme	r, 1950	····		 1,629 900		
145	2,699 2,554	Deduct Expenditu	re by Gardens	Departr	nent	 	2,529 1,581	948

66,265 258,605	Total Income, Whipsnade Park Total Income, Regent's Park (see page 34)	 	 71,782 302,932
324,870			374,714

# INCOME AND EXPEN DITURE ACCOUNT—continued.

FOR THE YEAR ENDED 31ST DECEMBER, 1950.

Figures, 1949.		EXPE	NDIT	URE.					
£	aga, ag	WHIPS	NADE	PARK.				£	£
58,964	Brought forward								62,758
	ADMINISTRATION.								
2,971	Salaries, Fuel, Light, phones, Postages, etc.	Wages,	Statio	onery,	Print	ing,	Tele-		3,425
	PENSIONS.								
1,616	Contribution to Fund								2,250
	LOAN CHARGES.								
13	Interest—Purchase of La Moiety of Loan Charges	paid to I				 remen	 nt and	8	
13 932	Interest—Purchase of La	paid to I		.C. re I	mprov			932	
932	Interest—Purchase of La Moiety of Loan Charges Extension of County I	paid to I Roads	Beds. C	.C. re I	mprov 				940
	Interest—Purchase of La Moiety of Loan Charges	paid to I Roads	Beds. C.	.C. re I	mprov 				940
932	Interest—Purchase of La Moiety of Loan Charges Extension of County I	paid to I Roads	Beds. C.	.C. re I	mprov 				940 69,373 292,955
932 64,496 258,283	Interest—Purchase of La Moiety of Loan Charges Extension of County I	paid to I Roads	Beds. C.	.C. re I	mprov 				940 69,373 292,955
932 64,496 258,283	Interest—Purchase of La Moiety of Loan Charges Extension of County I	paid to I Roads	Beds. C.	.C. re I	mprov 				
932 64,496 258,283	Interest—Purchase of La Moiety of Loan Charges Extension of County I	paid to I Roads	Beds. C.	.C. re I	mprov 				940 69,373 292,955
932 64,496 258,283	Interest—Purchase of La Moiety of Loan Charges Extension of County I  Total Expenditure, Whip Total Expenditure, Rege	paid to I Roads psnade Pa ent's Park	ark (see pa	.C. re I	 				940 69,373 292,955 362,328
932 64,496 258,283 322,779	Interest—Purchase of La Moiety of Loan Charges Extension of County I  Total Expenditure, Whip Total Expenditure, Rege  APPROPRIATIONS.	paid to I Roads psnade Pa ent's Park	ark (see pa	.C. re I	 				940 69,373 292,955 362,328
932 64,496 258,283 322,779	Interest—Purchase of La Moiety of Loan Charges Extension of County I  Total Expenditure, Whip Total Expenditure, Rege  APPROPRIATIONS.	paid to I Roads psnade Pa ent's Park	ark (see pa	.C. re I	 				940 69,373 292,955
932 64,496 258,283 322,779	Interest—Purchase of La Moiety of Loan Charges Extension of County I  Total Expenditure, Whip Total Expenditure, Rege  APPROPRIATIONS.	paid to I Roads psnade Pa ent's Park	ark (see pa	.C. re I	 				940 69,373 292,955 362,328
932 64,496 258,283 322,779	Interest—Purchase of La Moiety of Loan Charges Extension of County I  Total Expenditure, Whip Total Expenditure, Rege  APPROPRIATIONS.	paid to I Roads psnade Pa ent's Park	ark (see pa	.C. re I	 				940 69,373 292,955 362,328
932 64,496 258,283 322,779 100 322,879	Interest—Purchase of La Moiety of Loan Charges Extension of County I  Total Expenditure, Whip Total Expenditure, Rege  APPROPRIATIONS.  Staff Compensation and  BALANCE.  Excess of Income over	paid to I Roads  psnade Park  ent's Park  Sick Bene	efit Fur	.C. re I	mprov				940 69,373 292,955 362,328
932 64,496 258,283 322,779	Interest—Purchase of La Moiety of Loan Charges Extension of County I  Total Expenditure, Whip Total Expenditure, Rege  APPROPRIATIONS.  Staff Compensation and  BALANCE.	paid to I Roads  psnade Park  ent's Park  Sick Bene	efit Fur	.C. re I	mprov				940 69,373 292,955 362,328
932 64,496 258,283 322,779 100 322,879	Interest—Purchase of La Moiety of Loan Charges Extension of County I  Total Expenditure, Whip Total Expenditure, Rege  APPROPRIATIONS.  Staff Compensation and  BALANCE.  Excess of Income over	paid to I Roads  psnade Park  ent's Park  Sick Bene	efit Fur	.C. re I	mprov				940 69,373 292,955 362,328

£324,870

£374.714

37

£3,850

EAR ENDED					
		OME.	INC		Comp. Figures, 1949.
3 per cent.	£103,305 7s. 9d.—3				£
3,099	Charitable Funds)	al Trustees	per Offici	Interest on Investment (p	3,099
	HOPTARTHUMAN				
£3,099					£3,099
DAVIS					
ent. British	£1,891 9s. 0d.—3 per cer				£
57				Interest on Investment	57
£57					£57
OGICAL	ZOOLO				
£ 7.984	- Andrew Andrew		950	Balance at 1st January, 19	£ 5,676
	asfer from Income and	including t	g year (	Donations received during	
		-		Subscriptions and Sales	2,691 1,989
109				Interest on Investments	112
£19 890					0,468
LATOR	LLOYD NOMENCI	NEAV			
£			950	Balance at 1st January 10	£ 2,255
				Subscriptions and Sales	281
39				Interest on Investments	46
					OF THE PARTY OF TH
£3,850					2,582
	Trustees per cent. £ 3,099  E3,099  DAVIS at. British £ 57  £57  £57   £12,829  ATOR £ 2,574 1,237	### DAVIS  £1,891 9s. 0d.—3 per cent. British  £57   ####  ZOOLOGICAL  £ 7,964  ###################################	### DE ARROYAVE    Trustees—The Official Trustees	### Trustees—The Official Trustees £103,305 7s. 9d.—3 per cent. £ 23,099  ### DAVIS	### Trustees—The Official Trustees £103,305 7s. 9d.—3 per cent. £1,891 9s. 0d.—3 per cent. British Interest on Investment (per Official Trustees of Charitable Funds) 3,099    DAVIS

We hereby certify that we have audited the Accounts of the Society for the year Balance Sheet and accompanying Income and Expenditure Accounts have been position as shown by the books of the Society. We have verified the Investments have required.

> Finsbury Circus House, Blomfield Street, London, E.C.2. 23rd February, 1951.

#### DITURE ACCOUNT—continued.

31ST DECEMBER, 1950.

EXPENDITURE

#### TRUST FUND.

of Charitable Funds. Funding Stock, 1959/69.

£	2000t, 1000/00.	£	£
	Expenses re Upkeep of the de Arroyave Grave at Highgate  Tax on Income expended on Upkeep of de Arroyave Grave at	4	
_	Highgate and Mausoleum at Westbury	3	_
7	Balance of Income transferred to Income and Expenditure		
3,092	Account (see page 32)		3,092
3,099			£3,099
-			PART TO SERVICE

#### TRUST FUND.

Transport	Guaranteea Stock 1978/88.		
£			£
57	Transfer to Income and Expenditure Account (see page 32)	 	57
			_
£57			£57

#### RECORD FUND.

£			£
2,504	Preparation and Printing, etc	 	 3,933
7,964	Balance at 31st December, 1950 (see page 30)	 	 8,896
	Note.—Publication of Vols. 85 and 86 delayed.		

10,468	£12,829

# ZOOLOGICUS FUND.

£ 8	Printing Vol. 5 Distribution Expenses, etc.				 	 1,047 25	£ 1,072
2,574	Balance at 31st December, 19	950 (se	ee page	30)	 ·	 	2,778

#### TERENCE C. S. MORRISON-SCOTT, Treasurer.

ended 31st December, 1950, and have found them to be in order and that the above drawn up in strict conformity therewith and that they fully and truly set forth the and the Cash Balances and have received all the information and explanations we

> W. B. KEEN & CO., Chartered Accountants.

# NOMENCLATOR ZOOLOGICUS.

This work contains the names of all the genera and sub-genera in Zoology from the 10th Edition of Linnæus 1758 to the end of 1945, with a bibliographical reference to the original description of each. Edited by Sheffield Airey Neave, C.M.G., O.B.E., D.Sc.(Oxon.).

The work contains approximately a quarter of a million entries and is published in 5 volumes.

Price 13½ guineas (Vols. 1 to 4, 2½ guineas each; Vol. 5, 3½ guineas).