





ZOOLOGICAL SOCIETY OF LONDON

REPORTS
OF THE
COUNCIL AND AUDITORS
OF THE
ZOOLOGICAL SOCIETY
OF LONDON

FOR THE YEAR 1950

PREPARED FOR THE ANNUAL GENERAL MEETING

TO BE HELD AT THE SOCIETY'S OFFICES IN REGENT'S PARK, ON

FRIDAY, 27th APRIL, 1951

AT 4 P.M.

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1951

THE
ZOOLOGICAL SOCIETY
OF LONDON.

THIS Society, founded in 1826 by SIR STAMFORD RAFFLES, SIR HUMPHRY DAVY, President of the Royal Society, and other eminent Naturalists, for the advancement of Zoology and Animal Physiology, and for the introduction of new and curious subjects of the Animal Kingdom, was incorporated by Royal Charter in 1829.

PATRON.

HIS MAJESTY THE KING.

COUNCIL.

1950-51

THE DUKE OF DEVONSHIRE, K.G., *President* (April, 1950 to November, 1950).

FIELD-MARSHAL VISCOUNT ALANBROOKE, K.G., G.C.B., O.M., D.S.O., *President* (December, 1950 to April, 1951).

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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 WHIPSNADÉ 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 :—

<i>Proceedings</i>	£1 1s. 0d. per annum.
<i>Proceedings and Transactions</i>	£1 11s. 6d. „

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 :

	£	s.	d.
American Entomological Society	8	16	11
American Museum of Natural History	71	4	9
American Ornithologists' Union	8	16	11
American Society of Ichthyologists and Herpetologists	50	0	0
Anonymous	100	0	0
British Association for the Advancement of Science	50	0	0
British Herpetological Society	2	2	0
British Museum (Natural History) for Vol. 85	200	0	0
British Museum (Natural History) for Editor's Fee	250	0	0
British Ornithologists' Club	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

	£	s.	d.
California Academy of Sciences	10	0	0
Challenger Society	5	5	0
Chicago Natural History Museum	8	16	11
Conchological Society	2	0	0
Duke University, Department of Zoology	17	14	4
Entomological Society of America	35	11	2
Geological Society of London	15	0	0
Hawaiian Entomological Society	17	14	4
International Union of Biological Sciences/UNESCO	356	0	0
Kennicott Club	8	16	11
Linnean Society of London	15	0	0
Linnean Society of New South Wales	3	19	8
Liverpool School of Tropical Medicine	3	3	0
London School of Hygiene and Tropical Medicine	2	2	0
Malacological Society of London	2	2	0
Marine Biological Association of the United Kingdom	5	5	0
Museum of Comparative Zoology, Cambridge, Mass., U.S.A.	44	9	6
New York Entomological Society	17	14	4
New York Zoological Society	35	11	2
Pearse, Professor A. S.	3	10	4
Royal College of Surgeons of England, for Vol. 85	10	10	0
Royal College of Surgeons of England, for Vol. 86	10	10	0
Royal Entomological Society	25	0	0
Royal Society	500	0	0
Royal Society of Tropical Medicine and Hygiene	5	5	0
Smithsonian Institution	35	11	2
Transvaal Museum, Pretoria	5	5	0
University of Michigan	35	11	2
University of the Witwatersrand	2	0	0
Van Name, Dr. Willard G.	35	9	3
Wellcome Research Institution	17	10	0
Zoological Society of London	250	0	0
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	£2,316	18	5
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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.

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 13½ 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 books were presented to the Library during the year :—

Donor.

- BARNES, DEREK GILPIN. Lords of Life. An Anthology of Animal Poetry of the last Fifty Years. Chosen, edited and with an introduction by Derek Gilpin Barnes. [n.d.]
- BARTON, SYDNEY F. "Wild Life." Australian Nature Magazine. Vols. 10-11. 1948-49.
- BENNETT, R. VINCENT, F.Z.S. Oceanic Birds of South America. By Robert Cushman Murphy. Vols. 1-2. 1936.
- 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 Hesperidae 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.
- FITTER, R. S. R., F.Z.S. London's Birds. By R. S. R. Fitter. 1949.
- 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. Kansas University Science Bulletin. Vols. 1-24, 26, 28-30. 1902-45.
- MOHR, DR. ERNA. Die Schildkröten. By Gerhard Krefft. 1949.
- PINTO-LEITE, MRS. D. A., F.Z.S. Elephant Bill. By J. H. Williams. 1950.
- PRESTWICH, ARTHUR A., F.Z.S. Records of Birds of Prey Bred in Captivity. By Arthur A. Prestwich. 1950.
- TAYLOR & FRANCIS, LTD., MESSRS. The Fauna of British India, including Ceylon and Burma. Butterflies Vol. 2. By G. Talbot. 1947. [1949.]
- SAWAYA, PROF. PAULO, C.M.Z.S. Ornitologia Brasileira ou História Natural das Aves do Brasil Notáveis por sua Plumagem, Canto e Hábitos. Primeira Edição Portuguesa. By J. T. Descourtilz. Traduzida por Eurico Santos. [n.d.]
- SENCKENBERGISCHE NATUR-FORSCHENDE GESELLSCHAFT. Eduard Rüppell. Leben und Werk eines Forschungsreisenden. By Robert Mertens. 1949.
- SCHWANWITSCH, B. N. Kurs Obsheij Entomologii. By B. N. Schwanwitsch. [In Russian.] 1949.
- STRIDE, P. F., F.Z.S. Two African Trips with notes and suggestions on Big Game Preservation in Africa. By Edward North Buxton. 1902.
- WRAY, MAURICE, F.Z.S. 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	3,518
Animals of all kinds (except Fish and Invertebrates) received in 1950 by presentation, exchange, deposit, purchase, or birth (and transferred from Whippsnade)	2,051
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	5,569
Animals of all kinds (except Fish and Invertebrates) dead, sold, sent in exchange, or returned to depositors (and transferred to Whippsnade) in 1950	2,071
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Animals of all kinds (except Fish and Invertebrates) in the Gardens on 31st December, 1950	3,498
	<hr/>

26 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* Jentink. 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 kempfi* 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 Selater'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 White-
 bellied 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 Rattlesnake.

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 Black-lined 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., 1 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., 1 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 Black-
 necked 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 Rufous-necked 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.
 Reszczyńska, 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.
 Skoyles, 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, 1 Guinea Pig.
 Spencer, Inspector G. W., R.S.P.C.A., & J. A. Ainsley, 5 Common Guillemots, 1 Puffin.
 Spiegel, 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 × Brown Bears (*Ursus arctos syriacus* × *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 caballus*).
- 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 (*Gennaesus horsfieldii*) (1).
- 7 Chinese Silver Pheasants (*Gennaesus nycthemerus*) (2).
- 1 Edward's Pheasant (*Hierophasis edwardsi*).

- 2 Common Pheasants (*Phasianus colchicus*).
 13 Mongolian Pheasants (*Phasianus colchicus mongolicus*).
 15 Reeves's Pheasants (*Syrnaticus 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 Boievuusu 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. | 4 Donkeys. |
| 2 Buttikofer's White-nosed Monkeys.** | 2 Dexter Cows. |
| 2 Lions. | 1 European Bison. |
| 6 Cotton Rats. | 3 Reticulated Giraffes. |

Birds.

- | | |
|---------------------------------|--------------------------------------|
| 5 Malachite Sunbirds. | 2 Black Kites. |
| 1 Bronzy Sunbird. | 1 Martinique Gallinule. |
| 1 Golden-winged Sunbird. | 25 Indian Chukors. |
| 1 Cape Sugar Bird.* | 19 Impeyan Pheasants. |
| 1 Indian Shama. | 2 Siamese Fire-backed Pheasants. |
| 3 Golden-fronted Fruit Suckers. | 4 Koklas Pheasants. |
| 1 Verditer Flycatcher. | 7 Cheer Pheasants. |
| 8 Budgerigars. | 1 Mongolian Pheasant. |
| 1 African Barn Owl. | 2 Germain's Peacock Pheasants. |
| 1 Milky Eagle Owl. | 1 Immature Hawk (<i>Sp. inc.</i>). |
| 1 White-faced Scops Owl. | 1 Egret (<i>Sp. inc.</i>). |

Reptiles.

- | | |
|---------------------------|-----------------------|
| 1 Greek Tortoise. | 4 Indian Pythons. |
| 5 Mississippi Alligators. | 1 African Sand Snake. |
| 1 Carpet Python. | |

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. | 2 European Squirrels. |
| 3 Mandrills. | 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 Bird.
- 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.
- 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. | 5 Purplish Death Adders. |
| 8 Northern Blue-tongued Skinks. | 1 Lesson's Spotted Snake.* |
| 1 Western Boa. | 3 Australian Tiger Snakes. |
| 1 Garter Snake. | 1 Indian Cobra. |
| 1 Egg-eating Snake. | |

LIST OF ANIMALS PURCHASED FOR REGENT'S PARK.

(* Species New to the Collection.)

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

Mammals.

- | | |
|------------------------------|-----------------------|
| 2 Pileated Gibbons. | 2 Pandas. |
| 1 Talapoin Monkey. | 1 Shetland Pony. |
| 2 Humboldt's Woolly Monkeys. | 7 Donkeys. |
| 2 Geoffroy's Marmosets. | 2 Common Goats. |
| 2 Lion Marmosets. | 1 Hinde's Duiker. |
| 1 Mongoose Lemur. | 1 Northern Waterbuck. |
| 2 Ring-tailed Lemurs. | 1 Two-toed Sloth. |
| 2 Indian Martens. | |

Birds.

- | | |
|--------------------------------------|-------------------------------------|
| 1 Hunting Crow. | 1 Maroon Tanager. |
| 2 Red Birds of Paradise. | 2 Grey Singing Finches. |
| 1 Pied Myna. | 2 Indigo Buntings. |
| 1 Larger Racket-tailed Drongo. | 2 White-crested Jay Thrushes. |
| 2 Cowbirds. | 1 White-throated Jay Thrush. |
| 2 Golden-headed Marsh Birds. | 3 Blue-winged Sivas. |
| 8 Pin-tailed Whydah Birds. | 4 Silver-eared Mesias. |
| 4 Paradise Whydah Birds. | 1 Golden-fronted Fruit Sucker. |
| 8 Cut-throat Finches. | 5 Hooded Pittas. |
| 4 Crimson-winged Waxbills. | 2 Sulphury Tyrants. |
| 8 Combasous. | 1 Lettered Aracari. |
| 4 Common Waxbills. | 4 Red-billed Hornbills. |
| 14 Lavender Finches. | 4 Indian Rollers. |
| 14 Orange-cheeked Waxbills. | 1 Everett's Thick-billed Parrakeet. |
| 15 Golden-breasted Waxbills. | 1 Griffon Vulture. |
| 2 Black-crowned Waxbills. | 5 White-backed Vultures. |
| 12 Crimson-eared Waxbills. | 1 Brent Goose. |
| 2 Layard's Spot-backed Weaver Birds. | 5 Greater Flamingoes. |
| 2 Violet Tanagers. | 1 Ruddy Sheld-duck. |
| 4 Lesser Rufous-headed Tanagers. | 4 Marbled Teal. |
| 2 Blue Tanagers. | 12 Demoiselle Cranes. |
| 1 Snowy Egret. | 2 Lady Amherst's Pheasants. |
| 1 Tricolor Heron.* | 1 Peacock Pheasant. |
| 2 Green-backed Herons. | 6 Vulturine Guinea-fowl. |
| 3 Glossy Ibis. | 2 Grant's Guans. |
| 2 Sun Bitterns. | 2 Piping Guans. |
| 2 Eastern Sarus Cranes. | |

Reptiles.

- | | |
|--------------------------------|-----------------------------------|
| 5 Scorpion Mud Terrapins | 3 Boa Constrictors. |
| 2 Rough Terrapins. | 8 Surinam Snakes. |
| 3 St. Hilaire's Terrapins. | 1 Red-lined Snake. |
| 1 Nile Soft-shelled Turtle. | 1 Boddaert's Snake. |
| 1 Bridled Soft-shelled Turtle. | 4 Cananina Snakes. |
| 1 Black Cayman. | 2 Cainana Rat Snakes. |
| 15 Spectacled Cayman. | 2 Corais Snakes. |
| 3 Aspmat Cayman. | 1 Royal Snake. |
| 3 Moreau's Geckoes. | 2 Merrem's Water Snakes. |
| 1 Marbled Syrclop Lizard. | 2 Dimades Snakes.* |
| 5 Brown Iguanas.* | 1 Cenchoa Snake. |
| 4 Taraguira Lizards. | 1 Boomslang. |
| 1 Iguana. | 1 Purplish Death Adder. |
| 2 Nape-necked Iguanas. | 1 Blue Krait. |
| 6 Indian Changeable Lizards. | 1 Indian Cobra. |
| 5 Margouillat Lizards. | 1 Harlequin Coral Snake. |
| 1 Great Moluccan Skink. | 1 Chequered Coral Snake. |
| 1 Striated Lizard.* | 2 Russell's Vipers. |
| 1 Surinam Lizard. | 1 Reinhardt's Mole Viper. |
| 1 Anaconda. | 10 Fer-de-lance. |
| 1 Amethystine Python. | 2 Cascabel Rattlesnakes. |
| 1 Garden Tree Boa. | 1 Anolis (<i>Sp. inc.</i>). |
| 2 Fierce Papuan Boas. | 1 Snake (<i>Sp. inc.</i>). |
| | 1 Water Snake (<i>Sp. inc.</i>) |

Amphibians.

- | | |
|-----------------------|-----------------------------|
| 1 Surinam Toad. | 10 White's Hylas. |
| 6 Giant Toads. | 1 Demerara Frog. |
| 30 Granulated Frogs. | 1 Snub-faced Frog.* |
| 3 Crest-eared Toads.* | 1 South American Bull Frog. |
| 12 Warty Hylas. | 18 Pied Poison Frogs.* |
| 6 Daudin's Hylas. | 20 Reticulated Frogs.* |
| 9 Doumerc's Hylas. | |

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	1,366
Animals of all kinds (except Fish and Invertebrates) received in 1950 by presentation, exchange, deposit, purchase, or birth (and transferred from Regent's Park)	547
	<hr/>
	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
	<hr/>
Animals of all kinds (except Fish and Invertebrates) on 31st December, 1950	1,449
	<hr/>

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., 1 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 Baringo × Cotton's Giraffe (*Giraffa camelopardalis rothschildii* × *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 Guinea-fowl (*Guttera pucherani*).
 17 North American Turkeys (*Meleagris gallopavo silvestris*).
 1 Brush Turkey (*Alectura lathamii*).

LIST OF ANIMALS DEPOSITED AT WHIPSNADE PARK.

Birds.

- | | |
|-----------------------------|------------------------------------|
| 1 Noble Macaw. | |
| 1 Yellow-shouldered Parrot. | 2 Great Black Cockatoos. |
| 1 Salvin's Parrot. | 1 Lesser Sulphur-crested Cockatoo. |
| 1 Ducorp's 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.	15 Demoiselle Cranes.
2 Queen Alexandra's Parrakeets.	1 Impeyan Pheasant.
2 Barnard's Parrakeets.	5 Chinese Silver Pheasants.
3 Black-necked Swans.	3 Swinhoe's Pheasants.
3 Black Swans.	1 Lady Amherst's Pheasant.
10 Common Teal.	1 Black-winged Peafowl.

LIST OF ANIMALS PURCHASED FOR WHIPSNADDE PARK.

Mammals.

2 Cheetahs.	2 Hippopotamus.
4 Zebras.	

Birds.

4 Mute Swans.	3 Chinese Silver Pheasants
2 Western Canada Geese.	2 Peacock Pheasants.
4 Marbled Teal.	6 Common Peafowl.
1 Chiloe Wigeon.	

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. "LOKOJA 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.

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) WHIPSNADDE 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. Figures, 1949.	LIABILITIES AND SURPLUS.						£	£	£
£									
	Sundry Creditors—								
18,949	Provisions, Materials and General Expenses	...	...	...	...			14,499
	Reserves and Suspense Account—								
303	Receipts in Advance (Subscriptions, etc.)	...	...	...	...			278
	Pensions Fund—								
	Balance at 1st January, 1950	...	...	...	161,217			
	Add Transfer of Fees of deceased Compounders	...	...	...	645			
	Interest on Investments	...	...	...	6,159			
	Contributions to Fund—General Account	...	...	...	87,952			
	do. —Catering Account	...	...	...	2,350			
						258,323			
	Deduct Pensions Paid	...	...	...		14,303		
161,217							244,020		
	Depreciation of Investments Reserve Fund—								
66,000	Balance at 1st January, 1950	...	...	...			66,000	
								310,020	
	Loan and Mortgage Accounts—								
	Drummonds Branch, Royal Bank of Scotland								
	Art Studio Building—								
	Balance at 1st January, 1950	...	...	...	1,680			
	Deduct Amount repaid during year	...	...	...	450			
1,680							1,230		
	Purchase of Land and Premises at Whipsnade—								
	Balance at 1st January, 1950	...	...	...	270			
	Deduct Amount repaid during year	...	...	...	150			
270							120		
								1,350	
	Mortgage on Quarantine Station, Gloucester Gate—								
	Balance at 1st January, 1950	...	...	...		1,500		
	Deduct Amount repaid during year	...	...	...		250		
1,500								1,250	
								2,600	
								327,397	
249,919									
	Balance being Excess of Assets over Liabilities—								
	Heer Bequest—								
91	Balance at 1st January, 1950	...	...	...				91
	Composition Fund—								
	Balance at 1st January, 1950	...	...	...		20,869		
	Add Fees received during year	...	...	...		460		
								21,329	
	Deduct Transfer to Pensions Fund—Fees of deceased Compounders	...	...	...		645		
20,869								20,684	
	Catering Departments Equipment and Repairs Stabilisation Fund—								
	Balance at 1st January, 1950	...	...	...	7,444			
	Add Interest on Investments	...	...	...	128			
	Annual Contribution by Catering Depts.	...	...	...	12,500			
						20,072			
	Deduct Expenditure during year	...	...	...		11,479		
7,444								8,593	
£278,323	Carried forward	...	...	...				£29,368 £327,397

Comp. Figures, 1949.

ASSETS.

£	£	£	£	£
	Freehold Property—			
499	Whipsnade Park—			
278	Cost of Land and Buildings, Enclosures, etc., including Redemption of Land Tax and Tithes at 1st January, 1950		100,854	
	Regent's Park—			
115,328	31, Prince Albert Road		14,474	115,328
	Leasehold Property, Quarantine Station, Gloucester Gate—			
	Balance at 1st January, 1950		1,500	
	Deduct Amount written off transferred to Income and Expenditure Account (see page 33)		250	
1,500				1,250
	Plant, Vehicles, Fittings and Furniture—			
020	At Regent's Park and Whipsnade Park and in Catering Departments (not valued)			—
	Stock Accounts—			
*122,700	Animals belonging to the Society		*123,599	
*100,000	Books in Library		*100,000	
*1,000	Scientific Publications		*1,000	
6,752	Maps, Films, Books, and Souvenirs, etc. (at cost)		6,389	
*3,186	Farm and Garden: Crops, Implements, etc. (Whipsnade)		*4,736	
13,290	Catering Departments—Provisions, etc. (at cost)		12,165	
				247,889
	Sundry Debtors—			
7,274	Miscellaneous Accounts since received or considered good			7,527
	Suspense Accounts—			
1,769	Rates, Insurances, etc., paid in advance			2,053
	Investments (at cost)—			
	Pensions Fund—			
	£137,975 7s. 10d. 3 per cent. British Transport Gtd. Stock 1978-88		134,215	
	£96,558 11s. 0d. 3 per cent. British Gas Gtd. Stock 1990-95		89,645	
	£11,466 6s. 2d. 3 per cent. British Transport Gtd. Stock 1967-72		10,500	
	£6,000 0s. 0d. Consolidated Co. Bultfontein Mine Ltd. Ordinary Shares £1 each fully paid		9,509	
159,215				243,869
	Heer Bequest—			
91	£91 8s. 1d. Consolidated 2½ per cent. Stock			91
	Composition Fund—			
	£14,699 2s. 0d. Consolidated 2½ per cent. Stock		14,327	
	£6,032 16s. 10d. 3 per cent. British Transport Gtd. Stock 1978-88		5,952	
	£376 18s. 7d. 3 per cent. British Gas Gtd. Stock 1990-95		355	
20,869				20,634
	Catering Departments—Equipment and Repairs Stabilisation Fund—			
	£4,782 3s. 1d. Consolidated 2½ per cent. Stock		4,755	
	£288 16s. 10d. 3 per cent. Funding Loan, 1959-69		300	
5,055				5,055
	Staff Compensation and Sick Benefit Fund—			
	£414 4s. 1d. 3 per cent. British Transport Gtd. Stock 1978-88			406
406				
	Hance Bequest—			
10,910	£11,248 8s. 3d. Consolidated 2½ per cent. Stock			11,184
£569,345	Carried forward		£281,239	£374,047

* As per valuations by Society's Officials.

Comp Figures, 1949.	<i>LIABILITIES AND SURPLUS.</i>						£	£	£
278,323	Brought forward							29,368	327,397
Balance being Excess of Assets over Liabilities—continued—									
Staff Compensation and Sick Benefit Fund—									
	Balance at 1st January, 1950						638		
	Add Interest on Investments						12		
	Donations						2		
	Transfer from Income and Expenditure Account (see page 37)						100		
						752			
638	Deduct Expenditure during year						50		
						702			
Hance Bequest—									
	Balance at 1st January, 1950						10,910		
10,910	Add Interest on Investments						274		
						11,184			
Salisbury Bequest—									
	Balance at 1st January, 1950						2,407		
2,407	Add Interest on Investments						60		
						2,467			
Kime Bequest—									
	Balance at 1st January, 1950						824		
824	Add Interest on Investment						26		
7,964	Zoological Record Fund (see page 39)							850	
2,574	Neave-Lloyd Nomenclator Zoologicus Fund (see page 39)							8,896	
							2,778		
General Reserve and Post-War Development Fund—									
	Balance at 1st January, 1950						178,145		
	Add Interest on Investments						6,692		
	Seven Year Covenants and Adoption Scheme Donations						863		
	Donations						327		
						186,027			
	Deduct Cost of Central Heating System, Regent's Park (on account)						5,741		
	Purchase of Animals for Whipnade Park						2,200		
178,145						7,941			
						178,086			
General Purposes Account—									
	Balance at 1st January, 1950						416,304		
	Add Increase in value of Animals						899		
						417,203			
416,304	Add Excess of Income over Expenditure for Year (see page 37)						12,286		
						429,489			
						663,820			
<u>£898,089</u>							<u>£991,217</u>	<u>£898,</u>	

Comp. Figures, 1949.	ASSETS.					£	£	£
£ 569,345	Brought forward					£	281,239	374,047
Investments (at cost)—continued—								
Salisbury Bequest—								
2,407	£2,419 12s. 6d. 2½ per cent. Savings Bonds 1964-67					...	2,407	
Kime Bequest—								
824	£844 7s. 7d. 3 per cent. British Transport Gtd. Stock 1978-88					...	824	
Zoological Record Fund—								
4,023	£3,654 10s. 0d. Consolidated 2½ per cent. Stock					...	3,630	
	£1,495 14s. 2d. 2½ per cent. Savings Bonds 1964-67					...	1,484	
Neave-Lloyd Nomenclator Zoologicus Fund—								
1,287	£2,267 6s. 6d. Consolidated 2½ per cent. Stock...					...	2,250	5,114
Depreciation of Investments Reserve Fund—								
	£35,817 14s. 6d. 2½ per cent. Savings Bonds 1964-67					35,060		
66,000	£31,173 14s. 10d. Consolidated 2½ per cent. Stock					30,940		66,000
General Reserve and Post-War Development Fund—								
	£79,959 7s. 8d. Consolidated 2½ per cent. Stock					...	79,574	
	£1,750 0s. 0d. British American Tobacco Co., Ltd., £1 Units					...	10,867	
	£2,100 0s. 0d. Distillers Co., Ltd., 10,500 4/- Units...					9,416		
	£8,000 0s. 0d. Imperial Continental Gas Association, Capital Stock					...	9,070	
	£7,500 0s. 0d. Powell Duffryn Ltd., £1 Units					...	9,259	
	£260 0s. 0d. Prudential Assurance Co., Ltd., 260 "A" Shares of £1 each					...	8,911	
	£1,900 0s. 0d. Shell Transport and Trading Co., Ltd., £1 Units (Bearer)					...	8,693	
	£633 0s. 0d. do. £1 Units (Regd.)					...	1,899	
	£425 0s. 0d. Union Corporation Ltd., 680 Ordinary Shares of 12s. 6d. each					...	8,912	
148,339						146,601		504,435
General Purposes Account—								
Loan on Mortgage—								
1,450	Balance at 1st January, 1950					...	1,450	505,885
Cash at Bank and in Office—								
Deposit and Current Accounts—								
61,534	General Accounts					...	66,720	
3,223	Catering Departments					...	4,649	
2,389	do. Equipment and Repairs Stabilisation Fund					...	3,538	
—	Composition Fund					...	50	
29,806	General Reserve and Post-War Development Fund					...	31,485	
2,002	Pensions Fund					...	151	
—	Kime Bequest					...	26	
3,941	Zoological Record Fund					...	3,782	
1,287	Neave-Lloyd Nomenclator Zoologicus Fund					...	528	
232	Staff Compensation and Sick Benefit Fund					...	296	
—	Salisbury Bequest					...	60	
						111,285		*111,285

* £95,000 on Deposit Account.

The Market Value of the Securities held on 31st December, 1950, at minimum Stock Exchange quotations was £448,028 showing a Depreciation of £56,407 on original cost.

£898,089

£991,217

Comp. Figures, 1949.	<i>INCOME.</i>							£	£	Com Figu 194
£	<u>REGENT'S PARK.</u>									
FELLOWS.										
2,402	Entrance Fees ...	...	...	...	...	...	2,680		4,
18,529	Subscriptions ...	...	...	...	...	...	18,875		55,
496	Blue Tickets—Sale of	...	...	...	...	...	1,049		8,
							<u> </u>	22,604	19,	
GARDENS.										
169,645	Admission of Visitors to Gardens ...	...	...	...	...	...	206,205		49,
15,156	do. do. to Aquarium ...	...	...	...	...	...	14,505		6
11,135	do. do. to Children's Zoo ...	...	...	...	...	...	10,133		
39	Photographers', Artists' and Students' Permits	...	...	...	...	...	96		
260	Cinematograph Film Permits	...	...	...	...	...	203		9
338	Chimpanzees' Tea Party ...	...	...	...	...	...	529		1
11	Hire of Cameras ...	...	...	...	...	...	23		6
6,387	Riding Receipts ...	...	...	...	...	...	8,302		1
4,742	Bath and Push Chairs, Hire of	...	...	...	...	...	4,427		
1,710	Animals, etc., Sale of ...	...	...	...	...	...	700		
8,186	Books, Souvenirs, etc., Sale of	...	...	...	...	...	12,179		
6,794	Maps, Sale of ...	...	...	...	...	...	8,501		4
441	Photography—Children's Zoo	...	...	...	...	...	438		
1	Miscellaneous Receipts ...	...	...	...	...	...	—
							<u> </u>	266,241	£167	
SCIENTIFIC.										
101	Library Photographs, Copyright Fees	...	...	...	...	...	110		
92	Prosectorium Specimens, Sale of	...	...	...	...	...	187		
1,416	Scientific Publications— Subscriptions and Sales	...	...	...	...	...	1,284		
							£			
	Zoo Life Magazine—									
91	Sales in the Gardens ...	...	...	...	...	...	117		
217	Share of Sales by Publishers, Vol. 4	...	...	...	...	...	249		
	(Society's share of Sales by the publishers for Vol. 5 not yet ascertained.)						<u> </u>	366		
								<u> </u>	1,947	
INTEREST.										
973	Investments and Bank Deposit	...	...	...	...	...	1,090		
3,092	de Arroyave Trust Fund (see page 39)	...	...	...	...	...	3,092		
57	Davis Trust Fund (see page 39)	...	...	...	...	...	57		
							<u> </u>	4,239		
£252,311	Carried forward ...	...	...	...	...	...		<u> </u>	£295,031

31ST DECEMBER, 1950.

Comp.
Figures,
1949.

EXPENDITURE.

REGENT'S PARK.

£ £

GARDENS.

4,400	Rent, Rates, Taxes and Insurance		4,758
55,287	Salaries—Menagerie Staff and Keepers		62,085
8,754	Animals, Cost and Carriage of		5,043
19,224	Provisions		21,445
	Menagerie Repairs and Maintenance—Wages, Materials, Fuel, Light, Water, Cleaning, Utensils, Transport and Other Expenses	53,929	
	Deduct War Damage Claim	4,073	
	Dilapidations Claim	2,766	
		<u>6,839</u>	
49,397			47,090
	Gardeners' Expenses—		
6,688	Salaries, Wages, Seeds, Plants, Implements, etc.		7,411
	Aquarium Maintenance—		
	Salaries, Wages, Exhibits, Provisions, Fuel, Light and Other Expenses		11,646
9,250	Advertising		2,057
1,681	Books, Souvenirs, etc., Cost of		7,731
6,053	Maps, Cost of		1,731
1,641	Leasehold Property (Quarantine Station), Amount written off (see page 29)		250
250	Children's Zoo—		
4,600	Wages, Provisions, Exhibits, General Maintenance, etc.		6,144
			<u>177,391</u>
241	£167,225		

SCIENTIFIC.

2,408	Salaries and Sundry Expenses	2,257	
	Library—		
4,085	Salaries, Wages, Books and Binding, etc.	4,183	
	Prosectorium Expenses—		
2,887	Salaries, Wages, Chemicals, Apparatus, etc.	3,555	
4,961	Scientific Publications, Cost of	4,239	
	Zoo Life Magazine—		£
316	Contributors' Fees, etc.	335	
60	Cost of copies for Sale in the Gardens	73	
		<u>408</u>	
	Grants—		
250	Zoological Record Fund (see page 38)	250	
116	Other Grants	51	
		<u>301</u>	
			<u>14,943</u>
239	£182,308		£192,334

Comp. Figures, 1949.	<i>INCOME.</i>							
£	<u>REGENT'S PARK.</u>					£	£	£
252,311	Brought forward	...	...	...	...			295,031
	CATERING DEPARTMENT, REGENT'S PARK.							
	12,027	Profit for the year 1950	...	...	...	13,589		
	3,067	Rent of Department and Lavatories	...	...	...	2,500		
	<u>15,094</u>						16,089	
	8,800	<i>Deduct</i> Expenditure by Gardens Department					8,188	
6,294	<u> </u>						<u> </u>	7,901
<u>£258,605</u>	Total Income, Regent's Park (see page 36)					...	...	<u>£302,932</u>

£	<u>WHIPSNADDE PARK.</u>					£	£	£
	GARDENS.							
40,011	Admission of Visitors to Park	...	...	...	...	41,750		
2,956	do. Cars do.	...	...	...	...	4,661		
							46,411	
	Car Park—							
2,785	Parking Fees	...	...	...	...		3,014	
2,640	Train Receipts	...	...	...	...		2,931	
5	Cinematograph Film Permits	...	...	...	...		40	
2,092	Riding Receipts	...	...	...	...		1,872	
818	Bath and Push Chairs, Hire of	...	...	...	...		699	
2,530	Animals, etc., Sale of ...	...	...	...	...		2,684	
	Farm—							
5,491	Sale of Produce, etc.	...	...	...	...		5,441	
112	Garden and Forestry	...	...	...	...		149	
4,437	Books, Souvenirs, etc., Sale of	...	...	...	...		5,620	
2,073	Maps, Sale of	...	...	...	...		1,906	
170	Miscellaneous Receipts	...	...	...	...		67	
							<u> </u>	70,834
£66,120	Carried forward	...	...	...	...			<u>£70,834</u>

Comp.
Figures,
1949.

EXPENDITURE.

REGENT'S PARK.

£	£							£	£
5,031	182,308	Brought forward	...	...	...	...	...	192,334	
ADMINISTRATION.									
	14,840	Salaries, Wages, Fuel, Light, Stationery and Printing, Tele- phones, Postages, etc.	...	...	...	...	...	14,869	
PENSIONS.									
	11,071	Contribution to Fund	...	...	...	...	...	15,702	
	50,000	Additional Contribution	...	...	...	...	...	70,000	
								85,702	
INTEREST.									
	64	Art Studio Loan	...	...	...	...	...	50	
	£258,283	Total Expenditure, Regent's Park (see page 37)	...	...	...	...	...	£292,955	

WHIPSNADDE PARK.

GARDENS.

£	£							£	£
	1,615	Rates, Taxes and Insurance	...	...	...	...	...	1,740	
	16,041	Salaries, Menagerie Staff, Keepers, etc.	...	...	...	...	...	16,858	
	900	Animals, Cost and Carriage of	...	...	...	...	...	1,581	
	9,009	Provisions	...	...	...	...	...	8,395	
	19,763	Menagerie Repairs and Maintenance—Wages, Materials, Fuel, Light, Water, Cleaning, Utensils, Transport and Other Expenses	...	...	...	...	...	22,033	
	668	Advertising	...	...	...	...	...	634	
	4,794	Farm	...	...	...	...	...	4,220	
	2,596	Garden, Forestry and Care of Paddocks	...	...	...	...	...	3,013	
	2,698	Books, Souvenirs, etc., Cost of	...	...	...	...	...	3,523	
	880	Maps, Cost of	...	...	...	...	...	761	
	£58,964	Carried forward	...	...	...	...	...	£62,758	

Comp. Figures, 1949.	<i>INCOME.</i>						£	£
£	<u>WHIPSNADÉ PARK.</u>						£	£
66,120	Brought forward	...	...	...	...	...		70,834
	Catering Department, Whipsnade Park—						£	
1,611	Profit for the Year, 1950	...	...	...	...	1,629		
1,088	Rent of Department and Lavatories	...	...	...	...	900		
						2,699		
						2,554	2,529	
145	<i>Deduct</i> Expenditure by Gardens Department	...	...	...	...	1,581	1,581	948
66,265	Total Income, Whipsnade Park							71,782
258,605	Total Income, Regent's Park (see page 34)							302,932
324,870								374,714
<hr/>								
<u>£324,870</u>								<u>£374,714</u>

EXPENDITURE ACCOUNT—continued.

37

31ST DECEMBER, 1950.

Comp. Figures, 1949.	<i>EXPENDITURE.</i>								
£	<u>WHIPSNAD PARK.</u>							£	£
58,964	Brought forward	...	...	...	...	...	...		62,758
ADMINISTRATION.									
2,971	Salaries, Fuel, Light, phones, Postages, etc.	Wages,	Stationery,	Printing,	Tele-	...	...	...	3,425
PENSIONS.									
1,616	Contribution to Fund	...	...	...	...	...	...	...	2,250
LOAN CHARGES.									
13	Interest—Purchase of Land and Premises—Loan...	...	...	...	...	...	...	8	
932	Moiety of Loan Charges paid to Beds. C.C. re Improvement and Extension of County Roads	...	...	...	...	...	...	932	
								<u>940</u>	
64,496	Total Expenditure, Whipnade Park	...	...	...	...	...	...		69,373
258,283	Total Expenditure, Regent's Park (see page 35)	...	...	...	...	...	...		292,955
322,779									<u>362,328</u>
APPROPRIATIONS.									
100	Staff Compensation and Sick Benefit Fund (see page 30)	...	...	...	...	...	...		100
322,879									<u>362,428</u>
BALANCE.									
1,991	Excess of Income over Expenditure for the Year, carried to Balance Sheet (see page 30)	...	...	...	...	...	...		12,286
<u>£324,870</u>									<u>£374,714</u>

Comp.
Figures,
1949.

INCOME.

DE ARROYAVE

Trustees—The Official Trustees

£103,305 7s. 9d.—3 per cent.

£								£
3,099	Interest on Investment	(per Official Trustees of Charitable Funds)	...					3,099

£3,099£3,099

DAVIS

£1,891 9s. 0d.—3 per cent. British

£								£
57	Interest on Investment	...	...	...	...	...	...	57

£57£57

ZOOLOGICAL

£								£
5,676	Balance at 1st January, 1950	...	...	...	...	...	...	7,964
2,691	Donations received during year (including transfer from Income and							
	Expenditure Account (see page 33)	...	...	...	...	...	...	2,317
1,989	Subscriptions and Sales	...	...	...	...	...	...	2,439
112	Interest on Investments	...	...	...	...	...	...	109
<u>£10,468</u>								<u>£12,829</u>

NEAVE-LLOYD NOMENCLATOR

£								£
2,255	Balance at 1st January, 1950	...	...	...	...	...	...	2,574
281	Subscriptions and Sales	...	...	...	...	...	...	1,237
46	Interest on Investments	...	...	...	...	...	...	39

£2,582£3,850

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.

Comp.
 Figures,
 1949.

EXPENDITURE.

TRUST FUND.

of Charitable Funds.
Funding Stock, 1959/69.

£	£	£	£
3,099	Expenses <i>re</i> Upkeep of the de Arroyave Grave at Highgate ...	4	
	Tax on Income expended on Upkeep of de Arroyave Grave at Highgate and Mausoleum at Westbury	3	
7		—	7
3,092	Balance of Income transferred to Income and Expenditure Account (see page 32)		3,092
<u>3,099</u>			<u>£3,099</u>

TRUST FUND.

Transport Guaranteed Stock 1978/88.

£	£	£
57	Transfer to Income and Expenditure Account (see page 32)	57
<u>£57</u>		<u>£57</u>

RECORD FUND.

£	£	£
7,964	2,504 Preparation and Printing, etc.	3,933
2,317	7,964 Balance at 31st December, 1950 (see page 30)	8,896
2,439	<i>Note.</i> —Publication of Vols. 85 and 86 delayed.	
109		
<u>2,829</u>		<u>£12,829</u>
	<u>£10,468</u>	

ZOOLOGICUS FUND.

£	£	£
2,574	— Printing Vol. 5	1,047
1,237	8 Distribution Expenses, etc.	25
39		—
	2,574 Balance at 31st December, 1950 (see page 30)	2,778
<u>3,850</u>		<u>£3,850</u>
	<u>£2,582</u>	

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).