

REPORT OF THE COUNCIL

for the year ended 31st December, 1947.

The Council has pleasure in presenting its one hundred and nineteenth Annual Report to the Annual General Meeting of the Society, to be held on Thursday, 29th April, 1948, at 4 p.m., in the Society's Offices in Regent's Park.

The course of the proceedings, after the Chair has been taken, will be as follows :—

- 1 Reading of the minutes of the previous Annual General Meeting.
2. Appointment of Scrutineers and opening of the ballot for Candidates for the Council and for the Publications Committee.
3. Presentation of the Auditor's Report, previously issued to Fellows.
4. Discussion of the Auditors' Report.
5. Presentation of the Council's Annual Report, previously issued to Fellows.
6. Discussion of the Council's Annual Report.

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 XI, Section V of the Bye-laws.

7. Report of the Scrutineers on the result of the ballot for the Candidates for the Council and for the Publications Committee.
8. Opening of the ballot for the election of the Officers.
9. Report of the Scrutineers on the result of the ballot for the Officers.

No other business shall be transacted at such Meeting.

Except when there is a contested election or when an Officer proposed for election is not already a member of the Council when the Meeting opens, the ballots for the Council and for the Officers may be taken together and the reports of the Scrutineers thereon received together.

ORDINARY GENERAL MEETINGS.—Until further notice, these meetings are being held in the Meeting Room at the Society's Offices on the third Wednesday of each month (except September 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.

H.R.H. PRINCESS ELIZABETH.—The Life Membership of the Society was offered to H.R.H. Princess Elizabeth on the occasion of her marriage to H.R.H. The Duke of Edinburgh, K.G., and this offer was graciously accepted.

OBITUARY.—Reginald Innes Pocock, F.R.S., Superintendent of the Zoological Society's Gardens from 1904 to 1923, died on the 9th August, 1947, at the age of 84.

In 1885 he joined the staff of the British Museum (Natural History) where he took charge of the Arachnida and Myriopoda, on which he published many papers. His subsequent work with the Society gave him great opportunities of studying the live mammals under his care, and in the Prosectorium he was able to carry on researches on the more detailed anatomy of the groups in which he was interested, particularly the Primates, Carnivora and Ungulata.

In 1911 he was elected to the Royal Society shortly after the publication of what he, himself, regarded as his most important paper "On the specialised cutaneous glands of Ruminants." Among his many other papers which appeared in our Proceedings, special mention should be made of one "On the external characters of the Lemurs and *Tarsius*."

After his retirement in 1923, he returned to the Natural History Museum as a temporary worker and devoted himself to a further study of his favourite groups of mammals.

His untiring energy remained till the last and the Society received three of his MSS. within two months of his death.

CHANGES IN COUNCIL.—Since the last Annual General Meeting the Council has, in accordance with the provisions of the Charter, elected to its body, Col. The Rt. Hon. Lord Forester in place of Capt. Keith F. T. Caldwell (resigned, 16th May, 1947).

STAFF.—In July, 1947, Mr. G. S. Cansdale, B.Sc., C.M.Z.S., of the Gold Coast Forestry Department, was appointed Assistant Superintendent at Regent's Park in the place of Dr. T. A. Cockburn, and takes up his duties in the spring of 1948. Mr. E. O. Longley, Veterinary Research Officer, resigned in September, 1947. His place has not yet been filled.

STAFF COMPENSATION AND SICK BENEFIT FUND.—Dr. G. M. Vevers, the Superintendent of the Gardens, contributed the sum of £75 4s. 10d., representing fees for literary work, etc.

AMENDMENT OF THE CHARTER.—It is expected that the amended Charter will be approved by the Privy Council early in 1948.

ROLL OF FELLOWS.—The number of Fellows at 31st December, 1947, was 6,668 as compared with 6,433 at the end of 1946.

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

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

It is hoped that more Fellows will take advantage of the opportunity of subscribing to their scientific publications, which are offered on such favourable terms. The published price of the publications for the year under review amounts to £7 as against the subscription rate of £1 11s. 6d.

Volume 117 of the *Proceedings*, comprising approximately 800 pages, has been completed by the issue of Part IV in February, 1948.

The *Transactions* are represented by the publication on the 31st July, 1947, of "The Development of the Monotremata," by Professor T. Thomson Flynn and Professor J. P. Hill. This monograph, the sixth contribution in an important series on the early stages of mammalian development, contains descriptions and figures of the later stages and formation of the primary germ-layers of the eggs of the Echidna and Platypus, based on material collected over many years, which would be almost impossible to duplicate at the present time.

The *Proceedings*, as the only British journal devoted to zoology in its widest aspects, includes among the fifty-one papers forming the current volume, contributions on many subjects ranging from comparative anatomy to ecology and genetics.

Taxonomic zoology is represented by various monographs among which may be mentioned "On the genus *Phrixopogon*" by Sir Guy Marshall; an account of the Palpicornia from Abyssinian Fresh Waters by A. d'Orchymont, being another part of Mr. Omer-Cooper's Investigation (Hugh Scott Expedition); "A preliminary key to the genera of the Menoponidæ" by Theresa Clay; "Mammal-like Reptiles from Lufeng, China," by Chung-Chien Young; and "A revision of the genus *Meriones*" by J. L. Chaworth-Musters and J. R. Ellerman.

Special mention may be made of an important paper on hybrids between *Triturus cristatus* and *T. marmoratus* by L. A. Lantz, which also comprises the records of hybridization experiments with European newts continued over many years and is illustrated by coloured plates showing the appearance of various crosses. There is also a paper by J. W. Jones on "Salmon and Trout Hybrids," based on the results of experimental cross-fertilizations carried out at Fordingbridge.

Comparative anatomy is represented by the four following communications, based largely on material from the Society's prosectorium:—"Venous valves in the Giraffe, Okapi, Camel and Ostrich" by E. C. Amoroso, O. G. Edholm, and R. E. Rewell; "The Lachrymal Apparatus in Lizards and Snakes.—I. The Brille, the Orbital Glands, Lachrymal Canaliculi and Origin of the Lachrymal Duct" by A. d'A. Bellairs and J. D. Boyd; "The Cardiovascular System of the Slow Loris," by D. V. Davies; and "A Note on the Female Reproductive Tract in the Tree Kangaroo" by L. Harrison Matthews.

There are two studies on *Hydra* by R. F. Ewer, one dealing with its response to gravity and the other with the functions and action of the nematocysts. Among papers dealing with general biology, O. W. Richards describes observations on grain weevils; E. O. Höhn "Sexual Behaviour and Seasonal Changes in the Gonads and Adrenals of the Mallard"; P. H. T. Hartley "The Natural History of some British Freshwater Fishes"; R. E. Moreau, A. L. Wilk and W. Rowan "The Moults and Gonad Cycles of Three Species of Birds at Five Degrees South of the Equator"; and E. J. Popham "Experimental Studies of the Biological Significance of Non-Cryptic Pigmentation with Special Reference to Insects." In the last paper further evidence is brought forward in support of the author's views on non-cryptic pigmentation, based largely

on experiments with Corixids. Professor A. Kohts of the Darwin Museum, Moscow, contributes two papers concerning variation in birds and wolves respectively, involving the study of enormous numbers of specimens, especially in the case of the Black Grouse. Finally, special mention may be made of a further contribution on the longevity of mammals by the late Major Stanley Flower, edited by L. Harrison Matthews, in which additional evidence concerning the length of life of the elephant is summarized. In spite of popular and journalistic exaggerations about the longevity of these animals, ranging up to 170 years, not a single well authenticated record was found of either Indian or African elephants reaching the age of even seventy years.

ZOOLOGICAL RECORD.—Bound copies of Volume 81, dealing principally with the literature of 1944, were issued on 23rd April, 1947, although the separate parts had all been completed much earlier. All parts of Volume 82 (1945) have now been published, and the complete volume should appear shortly.

The preparation of Volume 83 (1946) is well advanced, and every effort will be made to complete it by the end of 1948.

It is necessary to emphasize that with the large increases in production costs, further support is necessary from organizations and individuals who wish this valuable work to continue. The present donations are still quite inadequate to meet the cost which is now in the neighbourhood of £2,500 for each volume. Moreover, this cost is likely to increase, partly owing to the larger number of publications that have to be dealt with and also to the continual rise in the cost of printing. During the year an article calling attention to the work of the Record was published in *Nature*, and further efforts have been made to obtain more annual subscribers.

The international value of the work performed by this publication has recently been recognized by The International Union of Biological Sciences which has made it a grant of \$500 out of the funds allocated to them by Unesco.

During the year the following donations were made to the Fund :—

	£	s.	d.
American Entomological Society	6	3	10
American Museum of Natural History	49	8	10
American Ornithologists' Union	6	2	5
Anonymous	100	0	0
Bombay Natural History Society for Vol. 82	5	0	0
do. do. for Vol. 83	5	0	0
British Association for the Advancement of Science	50	0	0
British Museum (Natural History), for Vol. 82	200	0	0
do. do. for Editor's Fee	250	0	0
British Ornithologists' Club	10	10	0
British Ornithologists' Union, for Vol. 81	10	10	0
do. do. for Vol. 82	10	10	0
Brooklyn Entomological Society	1	3	9
California Academy of Sciences	10	0	0
Challenger Society for Vol. 85	5	5	0
do. for Vol. 86	5	5	0
Chicago Natural History Museum	6	2	5
Conchological Society of Great Britain and Ireland	2	0	0

	£	s.	d.
Entomological Society of America	24	13	3
Geological Society of London	15	0	0
Hawaiian Entomological Society	12	5	8
International Union of Biological Sciences	123	17	2
Kaffrarian Museum	5	0	0
Linnean Society of London	15	0	0
Linnean Society of New South Wales	7	19	4
Liverpool School of Tropical Medicine, for Vol. 82	3	3	0
do. do. do. for Vol. 83	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
Messrs. Schmitt, Chace, Shoemaker, Ellis & Wilson	8	12	0
Museum of Comparative Zoology, Cambridge, Mass., U.S.A.	30	17	1
Naples Zoological Station	10	0	0
New York Zoological Society	24	13	2
Northern Ecological Association	3	0	0
Royal Entomological Society	25	0	0
Royal Society	250	0	0
Royal Society of Tropical Medicine and Hygiene	5	5	0
Smithsonian Institution	24	13	2
Wellcome Research Institution	17	10	0
Zoological Society of London	250	0	0
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	£1,602	2	1
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To supplement these donations, Fellows are invited to become subscribers for the separate sections of the Record in which they are particularly interested, details of which are on the inside back cover of this report.

ZOO LIFE.—The second volume of this magazine was completed by the issue of Part 4 in February, 1948, and the first part of Volume III is now in the Press. Circulation to the general public is still restricted owing to paper control, but at present sufficient copies are available to supply every Fellow of the Society who wishes to become a subscriber, although to be certain of obtaining copies it is advisable to complete the Order Form and return it, together with the remittance, without undue delay. The Subscription rate is 10s. per annum to the public, but Fellows may obtain it at the reduced rate of 7s. 6d. per annum, plus 1s. extra for postage in each case. Subscription forms for Volume III were circulated to all Fellows with the green admission tickets. Last year many of these forms seem to have been overlooked, and therefore in the current year a second Subscription form is being enclosed with the Annual Report. It is hoped that all Fellows will become subscribers to this, their official magazine. It must be emphasized that all subscriptions should be forwarded to the publishers, Messrs. Gale & Polden, Ltd., Ideal House, Argyll Street, London, W.1, and not to the Society's offices.

LIBRARY.—The new catalogue of periodicals in the Library which has been prepared is now in the Press, and will, it is hoped, be published later this year.

The books in the Library continue to be extensively used by Fellows and persons introduced by them, both for reference and reading, and 1,946 volumes were borrowed from the Library under the regulations.

The additions to the Library acquired by purchase, presentation or exchange were 224 books and 3,694 parts of 480 serials. The volumes bound during the year were 1,016 in number.

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 :—

<i>Donor.</i>	<i>Donation.</i>
APLIN, R. M. S., F.Z.S.	Our Common Sea Birds. Cormorants, Terns, Gulls, Skuas, Petrels, and Auks. By Percy R. Lowe. 1914. Studies of British Birds. By "Fish-Hawk" (David K. Wolfe Murray). 1937. Birds Through the Year. By "Fish-Hawk" (David K. Wolfe Murray). 1938. Butterflies. By E. B. Ford. 1945. Jungle in the Clouds. By Victor W. von Hagen. 1945.
BLEZARD, ERNEST, F.Z.S. ✓	Lakeland Natural History. Compiled by Ernest Blezard. 1946.
BOUNOURE, LOUIS.	Reproduction sexuelle et histoire naturelle du sexe. By Louis Bounoure. 1947.
BRISTOWE, W. S., D.Sc., F.Z.S. ✓	A Book of Spiders. By W. S. Bristowe. 1947.
BRITISH COUNCIL.	Entre o Gambá e o Macaco. (Vida e costumes dos mamíferos do Brasil). By Eurico Santos. 1945. Razmnozhenie i razvitie organizma. By V. A. Dorfman. 1946. [In Russian.]
BRITISH MUSEUM, TRUSTEES OF THE	Report on Cetacea Stranded on the British Coasts from 1933 to 1937. By F. C. Fraser. 1946.
CAMBRIDGE, CENTRAL LIBRARY.	Prodromus of the Zoology of Victoria. By Frederick McCoy. 1878-90. 2 vols.
CANSDALE, G. S., B.A., B.Sc., C.M.Z.S.	Animals of West Africa. By G. S. Cansdale. 1946.
COFFEY, G. A. COURTNEY, F.Z.S.	A Moth-Hunter's Gossip. By P. B. M. Allan. 1937.
DAVIDSON, MISS GLADYS, F.Z.S.	Wonderful Living Things. By Gladys Davidson. [n.d.]
DELACOUR, JEAN, F.M.Z.S. ✓	Birds of Malaysia. By Jean Delacour. 1947.
DUNCAN, F. MARTIN, F.R.M.S., F.Z.S.	Wonders of Migration. By F. Martin Duncan. [1946.]
FISHER, JAMES, M.A., F.Z.S.	The Natural History of Selborne. By Gilbert White. Edited and with an introduction by James Fisher. 1947.
HERKLOTS, G. A. C.	The Birds of Hong Kong. Field Identification and Field Note Book. By G. A. C. Herklots. 1946.

Donor.

JONES, MRS. E. M.

Donation.

A collection of books which includes the following, copies of which were not previously in the Library :—

- The Folk Lore and Provincial Names of British Birds. By Charles Swainson. 1886.
- Notes and Jottings from Animal Life. By Frank Buckland. New edition. 1887.
- The Shell Collector's Handbook for the Field. By J. W. Williams. 1888.
- Journal of Researches into the Natural History and Geology of the Countries Visited during the Voyage of H.M.S. *Beagle* round the World. By Charles Darwin. 1890.
- Science in Arcady. By Grant Allen. [1892.]
- Natural History Lore and Legend. By F. E. Hulme. 1895.
- Beasts. Thumb-nail Studies in Pets. By Wardlaw Kennedy. 1899.
- In Nature's Workshop. By Grant Allen. 1901.
- Land and Freshwater Shells of Great Britain. By John G. Jeffreys. 1904.
- The Gamekeeper at Home. Sketches of Natural History and Rural Life. By Richard Jefferies. New edition. 1906.
- Popular Natural History of the Lower Animals. (Invertebrates.) By Henry Scherren. 1908.
- Wild Life in the West Highlands. By Charles H. Alston. 1912.
- Spiderland. By R. A. Ellis. 1912.
- Big Game Shooting in Upper Burma. By G. P. Evans. 1912.
- The Life of an Elephant. By S. Eardley-Wilmot. 1912.
- Wild Life in Wales. By George Bolam. 1913.
- The Young People's Birds'-Nest Chart. A Simple Guide to identify the nests of Common British Birds. By S. N. Sedgwick. 1913.
- The Story of a Hare. By J. C. Tregarthen. 1915.
- Shells as Evidence of the Migrations of Early Culture. By J. Wilfrid Jackson. 1917.
- A Naturalist in Himalaya. By R. W. G. Hingston. 1920.
- Wanderings of a Naturalist. By Seton Gordon. 1921.
- Trapping Wild Animals in Malay Jungles. By Charles Mayer. 1922.
- British Reptiles and Amphibians. By A. Nicol Simpson. 1924.
- The Life of the Bat. By Charles Derennes. Translated by L. C. Wilcox. 1925.
- The Hunter. A Story of Bushman Life. By Ernest Glanville. 1926.

- | <i>Donor.</i> | <i>Donation.</i> |
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| JONES, MRS. E. M. | Mysteries of the Zoo. By Helen M. Sidebotham. 1927. |
| | Gilbert White. Pioneer Poet and Stylist. By Walter Johnson. 1928. |
| | The Wild Grizzlies of Alaska. By John M. Holzworth. 1930. |
| | A Bird Watcher's Note Book. Studies of Woodcock, Snipe and other Birds. By J. W. Seigne. 1930. |
| | Fishes. By E. G. Boulenger. 1931. |
| | ✓ Bird and other Nature Problems. By T. A. Coward. 1931. |
| | Watchings and Wanderings among Birds. By H. A. Gilbert and Arthur Brook. 1931. |
| | ✓ Hunting Insects in the South Seas. By Evelyn Cheesman. 1932. |
| | ✓ Bird Haunts in Wild Britain. By R. N. Winnall and G. K. Yeates. 1932. |
| | In the Season of the Year. A Record of Country Life throughout the months. By James J. Cash. 1933. |
| | Why Birds Sing. By Jacques Delamain. Translated by R. and A. Sarason. 1933. |
| | Ethics of Egg-Collecting. By Eric Parker. 1935. |
| | A Bird-Painter's Sketch Book. By Philip Rickman. 1935. |
| | ✓ Hunting Beasts and Men. By P. H. Combe. 1937. |
| | Wild Life in a Southern County. By Richard Jefferies. [n.d.] |
| | Days with Rarer Birds. By Frank A. Lowe. [n.d.] |
| | Bird Facts and Fallacies. By Lewis R. W. Loyd. [n.d.] |
| | The Story of Fish Life. By W. P. Pycraft. [n.d.] |
| | The Black Bear. By William H. Wright. [n.d.] |
| | Darwin's Finches. By David Lack. 1947. |
| LACK, DAVID. | Far Ridges. A Record of Travel in North-Eastern Burma, 1938-39. By J. K. Stanford. 1944. |
| MATTHEWMAN, S., F.Z.S. | |
| MAURICE, H. G., C.B., F.Z.S. | ✓ Sometimes an Angler. By H. G. Maurice. 1947. |
| MAXWELL, P. H., F.Z.S. | The End of the Trail. By Willoughby P. Lowe. 1947. |
| MOHR, DR. ERNA. | Die Lurche und Kriechtiere des Rhein-Main-Gebietes. By Robert Mertens. 1947. |
| MOLTONI, DR. EDGARDO, C.M.Z.S. | Gli Uccelli dell' Africa Orientale Italiana. By Edgardo Moltoni and Giuseppe G. Ruscone. 1940-44. Vols. 1-3. |
| NEAVE, SHEFFIELD A., C.M.G., O.B.E., M.A., D.Sc., F.Z.S. | Catalogus der Bibliothek. Nederlandsche Entomologische Vereeniging. 1938. |
| | Genetics of Domestic Fowl. Edited by N. K. Koltzoff. 1926. [In Russian.] |

*Donor.**Donation.*

- OGNEV, PROF. S. I., F.M.Z.S. The Mammals of Russia (U.S.S.R.) and Adjacent Countries. By S. I. Ognev. 1947. Vol. V. [In Russian.]
- PRESTWICH, A. A., F.Z.S. Wing-Tips. The Identification of Birds in Flight. By Roland Green. 1947.
- SAWAYA, DR. PAULO Mammals of Amazonia. By Eladio da Cruz Lima. 1945. Vol. I.
- SOWERBY, ARTHUR DE CARLE, F.Z.S. A Sportsman's Miscellany. By Arthur de Carle Sowerby. 1917.
A Naturalist's Note-Book in China. By Arthur de Carle Sowerby. 1925.
China's Natural History. A Guide to the Shanghai Museum (R.A.S.). By Arthur de Carle Sowerby. 1936.
China and Ivory. By Arthur de Carle Sowerby. 1936.
"China Journal." Vols. 1-39.
"Audubon Magazine." Vols. 47-48.
- TENISON, LT.-COL. W. P. C., D.S.O., F.Z.S. Animals of West Africa. By G. S. Cansdale. 1946.
- VEVERS, G. M., F.R.C.S., F.Z.S. Popular Animals of the World. By G. M. Vevers. [1947.]
- WOODFORD, MRS. M. K., F.Z.S. The Puma. Mysterious American Cat. By Stanley P. Young and Edward A. Goldman. 1946.

PICTURES.—The oil painting of a giraffe, one of the pictures on loan from His Majesty the King, has been cleaned and restored and is now once again hanging in the Entrance Hall. Permission has been granted for its reproduction in "Zoo Life," and it forms the cover of Volume II, Part 4. The corresponding painting of Gnus, also by Agasse, is being similarly restored. The original picture of the Maned Wolf, painted by Mr. J. Murray Thomson, A.R.S.A., R.W.S., in 1943, was very kindly repainted by Mr. Thomson from a living specimen in September, 1947, as the former painting was made from a sketch of a sick animal shortly before it died, and was, therefore, unsatisfactory. The picture of the Maned Wolf, together with that of the Monkey-eating Eagle, painted by Mr. G. E. Lodge, have both been hung in the Fellows' Restaurant.

MODEL OF HIPPOPOTAMUS.—The Rev. A. L. Bird has presented to the Society a seven-inch long model of a young male hippopotamus reputed to be a model of "Obaysch" the first hippopotamus to be brought to this country and presented to the Society in 1850.

VISITORS.—The number of visitors during 1947 was 2,280,007 at Regent's Park and 500,430 at Whipsnade Park. The corresponding figures for 1946 were 2,745,483 and 458,041 respectively. The number of visitors at Regent's Park was the second highest in the history of the Society.

AQUARIUM.—The number of visitors during 1947 was 361,352 compared with 605,003 for the year 1946. The admission price was increased from 6d.

to 1s. (6d. on Mondays, except Bank Holidays), on the 1st July, 1947, when the Sea Water Halls were re-opened.

CHILDREN'S ZOO.—The Children's Zoo was open for the summer season from 4th April until 31st October. The number of visitors during the season was 413,960 compared with 383,815 for the 1946 season. The number for 1947 exceeded the previous highest figure (1946) by 30,145.

BAND.—The London Military Band played in the Gardens at Regent's Park on Sunday afternoons during the summer months, and the A.T.C. Central Band of No. 65 Group R.A.F. on one Saturday afternoon towards the end of the season.

CATERING FACILITIES.—The Regent Building was re-opened at Easter, 1947, the ground floor as a cafeteria for the general public and the first floor as a Fellows' Restaurant. During the winter, part of the ground floor is converted to a waitress-served restaurant for the public in lieu of a similar restaurant on the ground floor of the Pavilion which is only open during the summer. In June, 1947, the old Popular or Public Teas Pavilion was re-opened as the Penguin Pavilion on the cafeteria system. A mobile tea trolley service was also introduced during the year.

LEGACIES.—The following legacies were received during the year:—£2,256 15s. 10d. from the late Miss M. M. Salusbury and £100 from the late Mrs. K. Lipscombe.

PROSECTORIUM.—During the year 1,158 necropsies (336 mammalian, 432 avian and 390 reptilian) were performed on animals dying in the Gardens in Regent's Park and 37 (13 mammalian and 24 avian) on animals from Whipnade, the bodies of which were considered of sufficient importance to demand a more thorough examination than can be conducted there. The number carried out at Whipnade was 68 (50 mammalian and 18 avian).

Under the supervision of the Scientific Director, research in pathology and bacteriology and their applications in the Gardens and in comparative anatomy has been carried out and much material sent out to other workers and to teaching departments in schools and universities.

The Prosectorial Committee, which had been in abeyance during the war, has been reconstituted and has held several meetings.

COLLECTIONS.—The majority of the 2,487 specimens acquired by gift and purchase during 1947 were obtained as the result of collecting expeditions organised by the Society.

Mr. L. M. Flewin, Overseer of Carnivora, made two journeys to Germany, under the auspices of the Allied Control Commission, and brought back collections from German Zoos which included a pair of adult Hippopotamus, a young Indian Elephant, two Chapman's Zebra mares, a pair of Mongolian Wild Horses, and a number of birds of various kinds.

During the summer, three large collections arrived. Mr. C. S. Webb, the Society's Curator-Collector, returned from British Guiana with 57 mammals, 95 birds and 28 reptiles and fish. This very valuable collection included Two-toed Sloths, Brazilian Tapirs, many rare monkeys, a Harpy

Eagle, Toucans, Curassows and Iguanas. Mr. Flewin flew out to India and returned with 50 mammals, 153 birds and 47 reptiles. The most notable arrival in this collection was a fine male Indian Rhinoceros from the Kaziranga Game Sanctuary in Assam. There were also Tigers, Leopards, Bears, Antelope and Deer. From West Africa, in charge of Mr. C. G. Harwood, Supervisor of the Quarantine Station, came a collection which, though smaller than those mentioned above, included two young Chimpanzees and many other interesting specimens of the African fauna.

In October, Mr. Wilfrid Frost returned from Singapore with Orang Utans, Malay Bears, large Reticulated Pythons, and a rare Malayan Wild Dog presented to the Society by H.E. Sir Edward Gent, the Governor of the Malayan Union.

The last collection of the year was from East Africa, and we are indebted to the Dudley Zoological Society for allowing us to share the services of their Head Keeper, Mr. H. L. Hatch, who was responsible for the safe arrival of many valuable specimens, including a fully-grown pair of Hippopotamus, a female African Rhinoceros, a pair of Eland and two Kenya Bush Pigs.

Special mention must be made of the young male Gorilla acquired in November by exchange from the Paris Zoo, so that the higher apes are once more fully represented in the Society's collection.

ANIMALS AT REGENT'S PARK.

Animals of all kinds (except Fish and Invertebrates) on 1st January, 1947	2,956
Animals of all kinds (except Fish and Invertebrates) received in 1947 by presentation, exchange, deposit, purchase, or birth (and transferred from Whipsnade)	2,487
	<hr/> 5,443
Animals of all kinds (except Fish and Invertebrates) dead, sold, sent in exchange, or returned to depositors (and transferred to Whipsnade) in 1947	2,356
	<hr/> 3,087

LIST OF GENERA, SPECIES AND SUB-SPECIES NEW TO THE COLLECTION.—35 new genera, species and sub-species were added to the collection in 1947 as compared with 78 in 1946. (The figures placed before each name indicate its approximate position in the current Vertebrate List.)

NEW GENERA.

(I) Mammals.

ORDER RODENTIA.

- 490a. *Oenomys hypoxanthus* (Pucheran). Rusty-nosed Rat.
535a. *Taterillus gracilis* (Thomas). Kemp's Gerbil.

(II) Birds.

ORDER PASSERIFORMES.

- 411a. *Geospiza magnirostris* Gould. Large Darwin's Finch.
 889f. *Pipra erythrocephala* (Linn.). Golden-headed Manakin.

ORDER EURYLAIMIFORMES.

- 912a. *Aulacorhamphus haematopygius sex-notatus* (Gould). Red-rumped Green Toucanet.
 928b. *Capito aurovirens* (Cuv.). Plaintive Barbet.
 928c. *Capito niger* (P.L.S. Mull.). Black-spotted Barbet.

(III) Reptiles and Amphibia.

ORDER SALIENTIA.

- 146a. *Phrynobatrachus plicatus* (Gunther). Folded Toad-Frog.
 152b. *Arthroleptis poecilonotus* Peters. Small Spotted Frog.

NEW SPECIES AND SUB-SPECIES.

(I) Mammals.

- 252a. *Paguma larvatus wroughtoni* (Schwarz). Wroughton's Palm Civet. Northern India.
 355a. *Ictonyx striatus albescens* (Heller). Kenya Striped Weasel. Kenya.
 438e. *Heliosciurus mutabilis* (Gray). Nyasaland Tree Squirrel. Nyasaland.
 490a. *Oenomys hypoxanthus* (Pucheran). Rusty-nosed Rat. Gold Coast.
 535a. *Taterillus gracilis* Thomas. Kemp's Gerbil. Gold Coast.
 634b. *Dendrohyrax dorsalis sylvestris* (Temm.). Ashanti Tree Hyrax. Gold Coast.

(II) Birds.

- 206c. *Lagonosticta rubricata virata* Bates. Bates's Fire Finch. Kulikoro, French Sudan.
 411a. *Geospiza magnirostris* Gould. Large Darwin's Finch. Indefatigable Island.
 889f. *Pipra erythrocephala* (Linn.). Golden-headed Manakin. British Guiana.
 890a. *Rupicola peruviana aequatorialis* Tacy. Scarlet Cock-of-the-Rock. Colombia.
 912a. *Aulacorhamphus haematopygius sex-notatus* (Gould). Red-rumped Green Toucanet. Ecuador.
 928b. *Capito aurovirens* (Cuv.). Plaintive Barbet. Ecuador.
 928c. *Capito niger* (P.L.S. Mull.). Black-spotted Barbet. British Guiana.
 977b. *Pharomachrus mocino costaricensis* (Cabanis). Southern Resplendent Trogon. Costa Rica.
 989f. *Amazilia chionopectus whitelyi* (Boucard). Whitely's Emerald Humming Bird. British Guiana.
 1014a. *Tockus fasciatus semifasciatus* (Hartlaub). Allied Hornbill. Gold Coast.
 1705a. *Ardeola speciosa* Horst. Javan Pond Heron. Java.
 1813a. *Charadrius alexandrinus* (Linn.). Kentish Plover. Denmark.
 1897a. *Pygoscelis antarctica* Forster. Ringed Penguin. South Georgia.
 1927a. *Aramides axillaris* (Lawr.). Venezuelan Wood Rail. Trinidad and British Guiana.
 2145a. *Callipepla elegans bensoni* Ridgw. Benson's Quail. N. America.

(III) Reptiles and Amphibia.

- 142a. *Cycloderma frenatum* Peters. Bridled Soft-Shelled Turtle.
 165b. *Pristurus carteri* Gray. Carter's Scrub Gecko. Masirah.
 297b. *Rampholeon brevicaudatus* (Matschie). Short-tailed Chameleon. Nyasaland.

- 318c. *Mabuya varia* Peters. Variable Skink. Nyasaland.
 561a. *Thrasops occidentalis* Parker. West African Black Tree Snake. Gold Coast.
 619a. *Boiga trigonata* Russell. Common Indian Cat Snake. Asia.
 645a. *Psammophis lineolatus* (Brandt). Lined Sand Snake. Asia.
 1b. *Geotrypetes serafini* (Dum.). Seraphin Coecilian. French Cameroons.
 15a. *Triturus sinensis* (Gray.) Chinese Newt. Hong Kong.
 145a. *Chiromantis petersii* Boulenger. Peter's Tree Frog. Nyasaland.
 146a. *Phrynobatrachus plicatus* (Gunther). Folded Toad-Frog. Gold Coast.
 152a. *Megalixalus brachycnemis* Boulenger. Banana Tree Frog. Nyasaland.
 152b. *Arthroleptis poecilonotus* Peters. Small Spotted Frog. Gold Coast.
 159a. *Microhyla ornata* Boulenger. Ornate Pygmy Frog. Kowloon, China.

LIST OF DONORS OF ANIMALS TO REGENT'S PARK.

(*New to the Collection.)

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

- Ackerill, Mrs. H. E., F.Z.S., 1 Angel Fish.
 Adamczewski, Stanislaus, 1 European Gecko.
 Alessi, L., 1 British Jackdaw.
 Amsler, Dr. Maurice, F.Z.S., 4 Golden Orfe, 10 Crucian Carp.
 Ashton, Mrs., 1 Greek Tortoise.
 Atkins, G. J., 1 African Civet Cat.
 Auger, A. E., 6 Golden Hamsters.
- Basel, Zoologischer Garten, 4 Alpine Marmots.
 Bass, H., 1 Greater Sulphur-crested Cockatoo.
 Bates, H. F., 1 Two-spotted Palm Civet.
 Beauchamp, P. W., F.Z.S., 2 Jays.
 Bennett, Mrs. G. R., 1 Grey Parrot.
 Bentley, Mrs., 3 Greek Tortoises.
 Bishop, A. S., 1 Guinea Pig.
 Bishop, R. G., 3 Golden Hamsters.
 Black, Mrs. B., 1 White Saanen Goat ♀.
 Blakesley, V., 1 British Jackdaw.
 Braithwaite, Mrs., 1 Bosman's Potto.
 Brauer, Capt. G., 1 Mallard.
 British Guiana, The Government of, 1 Sulphur-and-White-breasted Toucan,
 4 Crested Curassows, 1 Grant's Guan.
 Broad, A., 1 European Hedgehog.
 Brown, C. Clifton, F.Z.S., 2 European Badgers.
 Browne, P. W. P., 3 Carter's Scrub Geckos.*
 Brunner, S. Fraser-, F.Z.S., 4 Dark Green Swordtails.
 Burke, Miss Dorothy, 1 Barbary Turtle Dove.
 Bushby, L. C., F.Z.S., 1 Carrion Crow.
- Cairo, Government Zoological Gardens, 3 Lesser Egyptian Gerbils, 3 Lesser Egyptian Jerboas.
 Calcutta, Zoological Gardens, 5 Palm Squirrels.
 Campbell, Major B. R. Keyon, 6 Egyptian Dabb-Lizards, 3 Grey Monitors.
 Cansdale, G. S., C.M.Z.S., 1 White-thighed Colobus Monkey, 1 Rufous-necked Weaver Bird, 2 Western Forest File Snakes, 3 Smyth's Snakes, 2 Senegal Touracous, 1 Allied Hornbill,* 1 Gold Coast White-crested Hornbill, 1 African Python, 2 Blanding's Snakes, 3 Hallowell's Green Mambas, 8 River Jack Vipers, 1 West African Sparrow Hawk, 2 Helmeted Terrapins, 10 Margouillat

- Lizards, 1 West African House Snake, 1 African Lined Snake, 4 Odd-scaled Snakes, 2 Elegant Snakes, 7 Black-and-White Cobras, 1 Black-necked Cobra, 17 Night Vipers, 2 Raddon's Skinks, 6 Orange-flanked Skinks, 5 African Sand Snakes, 1 Reinhardt's Mole Viper, 6 Pygmy Mice, 5 Tullberg's Rats, 5 Browed Leaf Toads, 4 Common African Toads, 1 Kirtland's Tree Snake, 1 Lined Tree Snake, 4 Nose-horned Vipers, 4 Senegal Chameleons, 1 Huet's Large Dormouse, 1 Rusty-nosed Rat,* 3 Western Coucha Rats, 2 Kemp's Gerbils,* 1 Schweigger's Hinged Tortoise, 1 Bell's Hinged Tortoise, 3 Elegant Striped Mice, 2 Gambian Pouched Rats, 5 Sikapus's Mice, 3 Brook's Geckos, 8 Nile Monitors, 1 Royal Python, 1 Red-lined Snake, 1 African Green Tree Viper, 3 Emerald Tree Snakes, 1 West African Black Tree Snake,* 1 Folded Toad-Frog,* 4 Small Spotted Frogs,*
- Cansdale, Mrs. G. S., 1 Royal Antelope.
 Carret, Père, 1 Seraphin Coecilian.*
 Chaplin, The Hon. Anthony, F.Z.S., 1 Viperine Snake, 1 Western Melba Finch ♀, 2 Zebra Finches ♂♀, 2 Golden-breasted Finches ♂♀.
 Chatfield, Miss A., 1 Budgerigar.
 Christie, Harold, 1 Common Carp.
 Christopher, Mrs., 1 Donkey ♀.
 Clark, Miss S. L., 2 Greek Tortoises.
 Clark, Mrs. W. W., 1 European Squirrel.
 Clayton, A., 1 Fox.
 Clayton, Mrs. H. E., 3 Greek Tortoises.
 Cobb, Mrs. Powys-, 2 East African Eland, 2 Kerrya Bush Pigs.
 Colman, S. H., 1 Greater Sulphur-crested Cockatoo.
 Condon, Mrs. I. M., 1 Himalayan Black Bear ♀.
 Coryndon Museum, Nairobi, 3 Straw-coloured Fruit Bats.
 Cotterill, A. J., 1 Little Owl.
 Cowan, D. S., 1 Fraser's Eagle Owl.
 Cox, Mrs. C. H., 1 European Pond Tortoise.
 Cresswell, A., 1 British Tawny Owl.
 Crowhurst, L., 1 Greek Tortoise.
 Culver, E., 3 Greek Tortoises.
- Dando, Mrs., 1 Bittern.
 Daneman, Miss, 1 Budgerigar.
 Darby, Miss, 2 Foxes ♂♀.
 Darling, P. Stormouth, 1 Mikado Pheasant ♂.
 Davies, Mrs. H. Cotterill, 1 Common Guillemot.
 Davis, Mrs. L., 1 British Song Thrush.
 Dolbey, Miss Virginia, 2 Red-eared Bulbuls.
 Dutson, Miss J., 1 Black-headed Gull.
- Eaton, W. B., 1 Red-legged Partridge.
 Edgar, Capt. Douglas B., 1 Canary, 1 Brazilian Tortoise.
 Elbourne, S., 4 Bell's Hinged Tortoises.
 Elliot, Miss M. C., F.Z.S., 1 Pigeon.
 Elston, A., 1 Mississippi Alligator.
 Emden, Master Henry L., 8 Golden Hamsters.
 Evans, Mrs., 1 Erie Map Terrapin.
 Evans, Gwynne, 2 Ravens.
- Fenton, H., F.Z.S., 1 Soay Lamb ♂.
 Fitzgerald, Col. A., 1 European Turtle Dove.
 Forrest, Mrs. L. B. M., 1 Indian Desert Fox ♀.
 Fox, Miss Mabel A., 1 Rook.

- Franks, J., 1 Gannet.
 Freeman, L. J., 1 Black-headed Gull.
 Freer, Mrs., 1 Budgerigar.
 Frost, W. J. C., 1 European Roller.
- Gent, H.E. Sir Edward, K.C.M.G., D.S.O., O.B.E., M.C., 1 Malay Wild Dog.
 Georgetown Museum, The, 4 Black-headed Lined Finches, 30 Lined Finches, 1
 Scorpion Mud Terrapin, 2 Rough Terrapins, 1 Brazilian Tortoise.
 Gibbons, Dr. S. G., F.R.S.E., 2 Long-eared Hedgehogs.
 Gibbs, Dennis, D.S.O., 1 Leopard.
 Godfrey, Miss K., 1 Grey Parrot.
 Goulden, Mrs., 1 Mallard ♀.
 Griffin, A. R., 1 Orang Utan ♂.
- Haig, E. F. G., 1 Guinea Touracou.
 Hampstead Borough Council, Superintendent, Works Department, 1 Muscovy
 Duck.
 Hanks, A., 1 British Tawny Owl.
 Hansell, Mr. & Mrs. P., 1 Greater Sulphur-crested Cockatoo.
 Harris, Mrs. W. T., 2 Nile Soft-shelled Turtles.
 Harvey, William, 1 Martinique Gallinule.
 Henderson, Mrs. A. J., 1 Wood Pigeon.
 Herklots, Dr., 1 Indian Python.
 Hill, Dr. W. C. Osman, F.Z.S., 2 Lampreys.
 Hindle, Dr. E., F.R.S., F.Z.S., 12 Common Smooth Newts, 6 Palmated Newts.
 Hobbs, F. T. J., 1 Blue-fronted Parrot, 1 Ring-necked Parrakeet.
 Holden, The Rev. J. H., 1 Grant's Guan, 2 Brazilian Tortoises, 3 One-bearded
 Greaved Tortoises.
 Hopper, A., 4 Black Rats (brown var.), 1 Pipistrel Bat, 1 Long-eared Bat.
 Howe, Mr. & Mrs., 1 Greek Tortoise.
 Howell, Mrs. J., 1 British Jackdaw.
 Hudson, Col. N., 1 Greater Sulphur-crested Cockatoo.
 Hull, Samuel, 1 Geoffroy's Marmoset.
- Illingworth, Frank, 1 Goshawk.
- James, The Misses Nance & Grace, 1 Blue-fronted Parrot.
 Johnson, C. J., 1 European Badger.
 Johnston, Capt. C. D. Howard-, R.N., 1 Indian Python.
 Jones, T. S., 1 Bosman's Potto ♂.
 Jones, Terry, 1 Chestnut-breasted Teal ♂.
- Kadry, Ibrahim, C.M.Z.S., 4 Egyptian Dabb Lizards, 1 Skink, 2 Eyed Skinks, 4
 Egyptian Cobras.
 Kerr, D. F., 1 Vervet Monkey, 1 Weeper Capuchin, 1 Spider Monkey (black var.),
 1 Red Howling Monkey, 1 Brazilian Tree Porcupine, 1 Spotted Paca, 4 Black-
 headed Lined Finches, 5 Blue-winged Parrakeets, 1 Venezuelan Wood Rail,*
 2 Talpacoti Ground Doves.
 Knight, Major Maxwell, O.B.E., F.Z.S., 1 African Python, 2 European Pond
 Tortoises, 2 Sand Lizards, 1 Axolotl, 1 Sand Lizard.
- Lantz, L. A., 1 Eyed Lizard.
 Laverton, George, 1 Barn Owl.
 Leakey, Dr. L. S. B., 3 Leopard Tortoises.
 Le Marchand, Mrs., 1 Golden Hamster.

- Levy, Terence, 1 Finlayson's Squirrel.
 Lewis, Mrs. L., 3 Greek Tortoises.
 Lipscombe, Mrs. K., Bequest of the late, 1 Blue-fronted Parrot.
 Littlewood, A., 1 Bosc's Monitor.
 Loades, C. R., 1 Cuckoo.
 Lowe, Miss R. H., 1 Natal Terrapin, 1 Young's Hinged Tortoise, 1 Bridled Soft-shelled Turtle.*
 Lowes, Miss, 1 British Great Spotted Woodpecker.
 Lowndes, Col. D. G., 1 Lar Gibbon.
 Lucas, Eric, 7 Hoehneli's Two-banded Chameleons.
 Lumsden, Lt.-Col. W. V., 2 Eider Ducks.
 Lynn, Miss A. J., 1 European Hedgehog.
- McGregor, W. McK., 1 Chimpanzee.
 McNabb, W., 1 Budgerigar.
 McTurk, Miss C., 1 Tayra (cream coloured var.).
 Maile, Miss Maureen Anne, 1 Brazilian Tortoise.
 Makongoro, Chief, 1 Lion ♂.
 Markham, Miss Stella, 1 Grey Squirrel.
 Martin, Miss E. F. J., 1 Common Goat ♀.
 Mathews, Master John, 1 Pygmy Chameleon.
 Matthews, R., 1 Rabbit ♀.
 Maynard, Mrs. F. D., 1 Anglo-Nubian Goat ♂.
 Meldrum, Mrs. P. M., 1 Budgerigar.
 Miller, A., C.M.Z.S., 2 Beecroft's Hyrax, 1 Pied Crow, 1 Occipital Vulture, 2 Spur-winged Geese, 2 Ostriches, 2 Nile Monitors, 1 Royal Python, 1 Spotted Leaf Snake, 5 Black-and-White Cobras.
 Mitchell, Mrs., 1 Common Carp.
 Mohr, Dr. Erna, 1 Smooth Snake, 5 Black Salamanders.
 Morris, Cdr. & Mrs. M. C., 2 Leopards.
 Mountain, G. H., 1 Common Bream.
 Moussouras, A. G., 2 Grey Parrots.
 Murrow, Mrs., 1 Pigeon.
- Nevile, Lady, 1 Budgerigar.
 New York, The Children of the State of, 1 Virginian Deer.
 New York Zoological Society, 1 Ruby-throated Humming Bird.
 Norris, Miss June, 3 Golden Hamsters.
- Paignton Zoological & Botanical Gardens, 2 Dingoes ♂♀.
 Palmer, Mrs. Emily M., 1 Greater Sulphur-crested Cockatoo.
 Parkinson, Master John, 5 Guinea Pigs.
 Parkinson, T. B., 1 Common Barbel.
 Parrott, Miss G. W., 1 Greek Tortoise.
 Peploe, A. G., 1 Greek Tortoise.
 Philby, F., 1 Rook.
 Pierce, F. J., 18 Thread-finned Gurami.
 Pike, Oliver, G., F.Z.S., 1 Puffin.
 Porritt, Mrs. M. A., 1 Chameleon.
 Portal, Maurice, D.S.O., F.Z.S., 90 Harvest Mice.
 Preston, Mrs., 1 British Jackdaw.
 Price, Miss Heather, 1 Moholi Bush Baby.
 Proctor, Mrs., 1 Greater White-crested Cockatoo.
- Queen's College, Georgetown, 1 Collared Peccary.

- Read, D. E., 1 Chinese Silver Pheasant ♂.
 Read, E. C., F.Z.S., 3 Wall Lizards, 2 Green Lizards, 1 Canary Island Hyla.
 Richards, P. E. M., 2 Guinea Touracous, 5 Red-faced Lovebirds.
 Riches, S., Jr., 1 Crucian Carp, 1 Common Carp.
 Ritchie, Capt. A. T. A., O.B.E., M.C., C.M.Z.S., 1 Stuhlmann's Monkey.
 Romer, J. D., F.Z.S., 6 Ornate Pygmy Frogs,* 2 Chinese Newts.*
 R.S.P.C.A., 1 Green Monkey.
- Sankey, J. H. P., B.Sc., F.Z.S., 1 Water Vole.
 Scott, Peter, M.B.E., D.S.C., F.Z.S., 1 Common Frog.
 Seymour, Mrs. J., 1 Little Owl.
 Shaw, Mrs., 1 Roseate Cockatoo.
 Shaw, B. J., 1 Ayre's Hawk-Eagle.
 Shrub, Master Derek, 4 Golden Hamsters.
 Simpson, Dr. Errol R., 1 Blackbird.
 Skeet, Mrs., 1 Rabbit (white var.).
 Slazenger, Mrs., 1 St. Bernard Dog.
 Smith, H. G. Gregory, C.M.Z.S., 1 Red-handed Tamarin Monkey, 1 Ring-tailed
 Coati, 2 Hawk-headed Parrots, 1 Grey-winged Trumpeter.
 Smith, Kenneth, 1 Field Vole.
 Smooker, Mrs., 2 Blue-winged Parrakeets.
 Snook, F. J., 1 Peregrine Falcon.
 Snow, Miss, 1 Stanley Parrakeet.
 Sorrell, Mrs. E., 1 Ashanti Tree Hyrax.**
 Sowter, Y. H., 1 British Tawny Owl.
 Spence, Tom, M.R.C.V.S., 1 Weasel.
 Spring, C. P. R., 1 Kestrel.
 Stobie, A., 1 Red-legged Partridge.
 Surrey Trout Farm, 3 Snappers, 5 Painted Terrapins.
- Taylor, C. K., 1 Common Barbel.
 Taylor, Mrs. Marjorie, 3 Bosman's Pottos, 5 Demidoff's Galagoes, 2 African
 Civet Cats, 1 Beecroft's Hyrax.
 Teagle, W. G., 1 Common Guillemot.
 Three Commando Brigade, Officers of, 3 Indian Pythons.
 Tibbet, T., 38 Crayfish.
 Tidball, B., 2 Kestrels.
 Tong, E. H., 1 Weasel.
 Travers, Mrs. M., 1 Budgerigar.
 Trowbridge, R. T., 1 European Hedgehog.
 Turner, H. F. Allen, 5 Jackson's Chameleons.
 Tyser, Mrs. J., F.Z.S., 2 Scottish Wild Cats, 2 Grey Lag Geese.
- Underwood, Mrs. R., 1 European Hedgehog.
- Van den bergh, W., 10 Carolina Anolis Lizards.
 Venables, B., 1 Mirror Carp, 1 Common Carp, 2 Common Perch.
 Venables, G. R., 2 Budgerigars.
 Vevers, G. M., F.R.C.S., F.Z.S., 5 Fat Dormice.
- Wade, Miss B. M., 1 British Tawny Owl.
 Wake, Mrs., 4 Guinea Pigs.
 Watson, Mrs. A. B., 2 Golden Hamsters.
 Watson, Mrs. L. A., 1 Blue-fronted Parrot.
 Watson, R. V., 2 Budgerigars.
 Webb, B. A. Stirling-, F.Z.S., 4 White-tailed Pigeons.

- Webster, D. G., 3 Budgerigars.
 Weed, Mr. & Mrs. W. J., 1 Nepal Hill Myna.
 Welch, T. B. G., 1 Grey Parrot.
 Wildash, D. M., 1 Roseate Cockatoo.
 Wilkie, Mrs., 1 Quail.
 Williams, Miss M. M. B., 1 Flap-necked Chameleon.
 Willis, Master Timothy, 2 Guinea Pigs.
 Wilson, Mrs. M., 2 Greek Tortoises.
 Wood, Miss, 1 Grey Parrot.
 Wood, Mrs., 1 Green-naped Lorikeet.
 Woods, D. W., 1 European Badger.
 Woodward, H., 1 Smooth-headed Skink.
 Woodward, Stanley F., C.M.Z.S., 1 Russell's Viper, 1 Green Pit Viper, 2 Gokool
 Cat Snakes, 3 Hodgson's Snakes, 1 Dhaman.
 Wright, Mrs., 2 Greek Tortoises.
 Wynne, Mrs., 3 Greek Tortoises.
 Wynne, David, 1 Grey Mongoose.

 Yorke, Major H. E., M.C., 1 Guiana White-tailed Deer.
 Young, Miss L., 2 Greek Tortoises.

LIST OF ANIMALS BRED AT REGENT'S PARK.

Mammals.

- 1 Concolor Gibbon (*Hylobates concolor*).
 2 Ring-tailed Lemurs (*Lemur catta*).
 16 Lions (*Felis leo*).
 1 Leopard (*Felis pardus*).
 2 Foxes (*Vulpes vulpes*).
 2 Polar Bears (*Thalarctos maritimus*).
 3 Brown Bears (*Ursus arctos*).
 4 Wood Mice (*Apodemus sylvaticus*).
 3 Lesser Egyptian Gerbils (*Gerbillus gerbillus*).
 6 Orkney Voles (*Microtus orcadensis*).
 2 Kenya Crested Porcupines (*Hystrix galeata somalensis*).
 1 Spotted Paca (*Cuniculus paca*).
 16 Guinea Pigs (*Cavia porcellus*).
 1 Shetland Pony (*Equus caballus*).
 1 Cream Pony (*Equus caballus*).
 1 Mountain \times Hartmann's Mountain Zebra (*Equus zebra* \times *E.z.hartmannae*).
 3 Mouflon (*Ovis musimon*).
 1 Barbary Wild Sheep (*Ammotragus lervia*).
 19 Common Goats (*Capra hircus*).
 5 Anglo-Nubian Goats (*Capra hircus* var.).
 1 Thar (*Hemitragus jemlahicus*).
 1 Kenya Impala (*Aepyceros melampus rendilis*).
 1 Muntjac (*Muntiacus muntjak*).
 1 Virginian Deer (*Odocoileus virginianus*).
 1 Reindeer (*Rangifer tarandus*).
 3 Llamas (*Lama glama*).
 1 Tamandua Anteater (*Tamandua tetradactyla*).
 1 Black Wallaby (*Macropus ualabatus*).
 1 Bennett's Wallaby (*Macropus rufogrisea fruticus*).

Birds.

- 1 Hybrid Rosella × Red-rumped Parrakeet (*Platycercus eximius* × *Psephotus haematonotus*).
 79 Budgerigars (*Melopsittacus undulatus*).
 4 Night Herons (*Nycticorax nycticorax*).
 2 Black-footed Penguins (*Spheniscus demersus*).
 9 Barbary Turtle Doves (*Streptopelia roseogrisea*).
 5 Jungle Fowl (*Gallus gallus*).

Reptiles.

- 2 Lord Derby's Zonures (*Zonurus giganteus*).
 42 Western Boas (*Constrictor occidentalis*).
 6 Russell's Sand Boas (*Gongylophis conicus*).
 7 Javelin Sand Boas (*Eryx jaculus*).

LIST OF ANIMALS DEPOSITED AT REGENT'S PARK.

(* New to the Collection.)

Mammals.

- | | |
|---------------------------|-----------------------------|
| 36 Rhesus Monkeys. | 1 Indian Elephant ♀. |
| 2 Tigers ♂♀. | 1 Exmoor Pony ♂. |
| 1 Fox ♀. | 1 Cream Pony ♀. |
| 1 Ferret. | 2 Mongolian Wild Horses ♂♀. |
| 2 Raccoons. | 2 Chapman's Zebras ♀♀. |
| 1 Raccoon (black var.). | 1 Aberdeen Angus Calf ♀. |
| 1 Polar Bear ♀. | 4 Malayan Mouse Deer. |
| 3 Californian Sea Lions. | 2 Hippopotamus ♂♀. |
| 1 Malabar Giant Squirrel. | 1 Great Grey Kangaroo. |
| 18 Golden Hamsters. | 2 Black-faced Kangaroos. |
| 12 Rabbits. | 1 Wallaroo. |

Birds.

- | | |
|--------------------------------|--------------------------------|
| 1 Bates's Fire Finch.* | 1 Greater Snow Goose ♂. |
| 2 Avadavats. | 2 Red-crested Pochards ♂♀. |
| 1 Superb Sunbird. | 1 Marabou Stork. |
| 1 Blue-throated Brown Sunbird. | 1 Eastern Sarus Crane. |
| 2 Indian White-eyes. | 9 Demoiselle Cranes. |
| 1 Indian Shama. | 3 Black-necked Crowned Cranes. |
| 6 Yellow-backed Lories. | 2 Budgerigars. |
| 1 Ornate Lorikeet. | 1 Barn Owl. |
| 1 Blue-and-yellow Macaw. | 2 White Pelicans. |
| 1 Grey Parrot. | 9 Greater Flamingoes. |
| 4 Whooper Swans. | 1 Herring Gull. |
| 2 Black Swans. | 2 Ringed Penguins.* |
| 1 Semipalmated Goose. | 1 Rock-hopper Penguin. |
| 2 Carolina Ducks ♂♀. | 4 Ostriches. |

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

(* New to the Collection.)

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

Mammals.

- | | |
|-------------------|--------------------|
| 1 Gorilla ♂. | 1 Japanese Monkey. |
| 1 Bonnet Monkey. | 1 Sacred Baboon. |
| 1 Toque Monkey. | 1 Bosman's Potto. |
| 6 Rhesus Monkeys. | 1 Northern Lynx ♀. |

- 1 Ruddy Mongoose.
- 3 Raccoon-like Dogs.
- 1 Pine Marten.
- 1 Beech Marten.
- 2 Kinkajous.
- 2 Californian Sea Lions.

- 2 Central American Agoutis.
- 1 Shetland Pony.
- 1 Nylghaie.
- 2 Spotted Deer ♂♀.
- 2 Sambar ♂♀.
- 4 Virginian Deer.

Birds.

- 2 Ravens.
- 1 Troupial.
- 2 Blue-and-Black Tanagers.
- 2 Golden Tanagers.
- 2 Yellow-bellied Tanagers.
- 3 Yellow-rumped Tanagers.
- 2 Yellow-winged Sugar Birds.
- 2 Black-headed Sugar Birds.
- 2 Hermit Thrushes.
- 2 Colombian Mocking Birds.
- 1 Scarlet Cock-of-the-Rock.*
- 1 Green-billed Toucan.
- 2 Red-rumped Green Toucanets.*
- 1 Plaintive Barbet.*
- 2 Southern Resplendent Trogons.**
- 6 Gannets.
- 8 Cormorants.
- 3 Shags.
- 2 Derbyan Screamers.
- 2 Whooper Swans.
- 4 Coscoroba Swans.
- 4 Carolina Ducks.
- 2 White-fronted Geese.
- 1 Emperor Goose.
- 2 Red-breasted Geese.
- 2 Common Sheld-Duck.
- 1 Crested Duck.

- 1 Chilean Teal.
- 1 Falcated Teal.
- 4 Tufted Ducks.
- 2 White Storks.
- 1 Scarlet Ibis.
- 1 Eastern Sarus Crane.
- 2 Stanley Cranes.
- 1 Common Sandpiper.
- 3 Ruffs.
- 2 Grey Plovers.
- 2 Ringed Plovers.
- 4 Kentish Plovers.*
- 2 Lapwings.
- 2 Oyster-catchers.
- 1 Turnstone.
- 6 Common Guillemots.
- 3 Puffins.
- 4 Valley Quail.
- 4 Gambel's Quail.
- 2 Benson's Quail.**
- 4 Manchurian Eared Pheasants.
- 4 Pallas's Eared Pheasants.
- 4 Swinhoe's Pheasants.
- 2 Ring-necked Pheasants.
- 5 Elliot's Pheasants.
- 1 Peacock Pheasant.
- 2 Emus.

Reptiles and Amphibia.

- 2 Giant Tortoises.
- 1 Porter's Blackish Tortoise.
- 2 Muggers.
- 24 Green Lizards.
- 7 Eyed Lizards.
- 3 Bengal Monitors.
- 2 Two-banded Monitors.
- 1 Blood Python.
- 7 Javelin Sand Boas.
- 16 Viperine Snakes.

- 3 Dhaman.
- 2 Ravergier's Whip Snake.
- 1 Common Indian Cat Snake.*
- 2 Montpellier Snakes.
- 1 Lined Sand Snake.
- 2 River-Jack Vipers.
- 1 Fire-bellied Toad.
- 4 Green Toads.
- 1 Common European Toad.

LIST OF ANIMALS PURCHASED FOR REGENT'S PARK.
(* New to the Collection.)

Mammals.

- 1 Chimpanzee.
- 3 Orang Utans ♂♂♀.
- 5 Lar Gibbons ♂♂♂♀♀.
- 1 Stuhlmann's Monkey.
- 2 Green Monkeys.
- 2 White-collared Mangabeys.
- 2 Brown Stump-tailed Monkeys.
- 2 Humboldt's Saki Monkeys.

- 7 Squirrel Monkeys.
 1 Weeper Capuchin Monkey.
 2 Brown Capuchin Monkeys.
 1 Spider Monkey (brown var.).
 1 Red Howling Monkey.
 2 Red-handed Tamarin Monkeys.
 3 Slender Loris.
 3 Indian Fruit Bats.
 3 Tigers ♂♂♀.
 4 Leopards.
 2 Clouded Leopards.
 2 Ocelots.
 2 Cheetahs ♂♀.
 2 Indian Palm Civets.
 1 Wroughton's Palm Civet.**
 1 Hardwicke's Civet Cat.
 2 Grey Mongooses ♂♀.
 2 Silver Foxes.
 2 Pine Martens.
 9 European Badgers.
 1 Ratel.
 2 Kenya Striped Weasels.*
 1 Crab-eating Raccoon.
 1 Ring-tailed Coati.
 2 Himalayan Black Bears.
 3 Malay Bears.
 2 Sloth Bears.

- 1 Nyasaland Tree Squirrel.*
 2 Kenya Crested Porcupines.
 1 Brazilian Tree Porcupine.
 5 Spotted Pacas.
 7 Orange-rumped Agoutis.
 1 Capybara.
 1 Skewbald Pony.
 2 Shetland Ponies.
 1 Grevy's Zebra ♂.
 1 Great Indian Rhinoceros ♂.
 1 Black Rhinoceros ♀.
 2 Brazilian Tapirs ♂♀.
 1 Dexter Calf ♀.
 2 American Bison ♂♀.
 1 Cape Buffalo ♀.
 6 Lambs.
 1 Brindled Gnu.
 6 Blackbuck.
 1 Beisa Oryx ♂.
 3 Nylghaie.
 1 Muntjac.
 6 Tamworth Pigs.
 1 White-lipped Peccary.
 1 Collared Peccary.
 2 Hippopotamus ♂♀.
 4 Two-toed Sloths.
 2 Tamandua Anteaters ♂♀.

Birds.

- 6 Southern Hill Mynas.
 1 Yellow-backed Cacique.
 1 Yellow-crowned Troupial.
 1 Golden Hang-nest.
 6 Avadavats.
 9 Three-coloured Mannakins.
 16 Black-headed Mannakins.
 11 Nutmeg Finches.
 24 Indian Silver Bills.
 3 Baya Weaver Birds.
 1 Bengal Weaver Bird.
 3 Indian Manyar Weaver Birds.
 2 Violet Tanagers.
 1 Black-spotted Barbet.*
 1 Maroon Tanager.
 1 Greenfinch.
 6 Lavender-backed Finches.
 3 Jacarini Finches.
 4 Large Darwin's Finches.*
 1 Chaffinch.
 1 Brambling.
 18 British Goldfinches.
 1 Linnet.
 1 Twite.
 5 Rose Finches.
 8 Red-headed Buntings.

- 3 Yellow Wagtails.
 4 Tree Pipits.
 4 Indian White-eyes.
 2 Red-backed Shrikes.
 2 Waxwings.
 3 Willow Warblers.
 1 Tickell's Thrush.
 4 Indian Shamas.
 6 Hardwicke's Fruit Suckers.
 3 White-cheeked Bulbuls.
 1 Golden-headed Manakin.*
 2 Red-billed Toucans.
 4 Sulphur-and-white-breasted
 Toucans.
 2 Banded Aracari.
 2 Blue-cheeked Barbets.
 3 Crimson-breasted Barbets.
 2 Senegal Touracous.
 2 Hartlaub's Touracous.
 2 White-bellied Emerald Humming
 Birds.
 1 Whitely's Emerald Humming Bird.*
 1 Indian Pied Hornbill.
 2 Nepalese Hornbills.
 2 Blossom-headed Parrakeets.
 10 Banded Parrakeets.

- | | |
|------------------------------|-----------------------------------|
| 1 Harpy Eagle. | 2 Saddle-billed Storks. |
| 1 Lammergeyer. | 3 Indian Adjutants. |
| 2 Secretary Birds. | 1 Eastern Sarus Crane. |
| 5 Eastern White Pelicans. | 6 Demoiselle Cranes. |
| 16 Greater Flamingoes. | 8 Black-necked Crowned Cranes |
| 1 Black Swan. | 2 Grey-necked Crowned Cranes. |
| 19 Mandarin Ducks. | 2 Redshanks. |
| 2 Grey-breasted Tree Ducks. | 6 Avocets. |
| 3 Red-crested Pochards. | 24 King Penguins. |
| 12 Chicks. | 1 Venezuelan Wood Rail.* |
| 12 Khaki Campbell Ducklings. | 4 Olive Pigeons. |
| 2 Goslings. | 2 Indian Green-winged Doves. |
| 3 Bantams. | 6 Impeyan Pheasants. |
| 1 Tiger Bittern. | 6 Black-breasted Kalij Pheasants. |
| 1 Javan Pond Heron.* | 3 Mikado Pheasants. |
| 2 Shoebills. | 4 Crested Curassows. |

Reptiles and Amphibia.

- | | |
|--------------------------------|-------------------------------|
| 6 Ornate Terrapins. | 1 African Lined Snake. |
| 2 Rough Terrapins. | 3 Dhaman. |
| 10 Young's Hinged Tortoises. | 1 Aesculapian Snake. |
| 2 Giant Tortoises. | 1 Red-tailed Tree Snake. |
| 1 Brazilian Tortoise. | 4 Dark Green Snakes. |
| 1 Lord Derby's Terrapin. | 1 Spotted Leaf Snake. |
| 1 Helmeted Terrapin. | 3 Black-and-Gold Tree Snakes. |
| 1 Flat-headed Terrapin. | 2 Rufescent Snakes. |
| 1 Bridled Soft-shelled Turtle. | 2 Rhomb-marked Snakes. |
| 3 Estuarine Crocodiles. | 2 Striped Sheepstickers. |
| 8 Moreau's Geckos. | 3 Kirtland's Tree Snakes. |
| 6 Cape Geckos. | 1 Banded Krait. |
| 6 Bibron's Clawless Geckos. | 2 Black-necked Cobras. |
| 10 Iguanas. | 12 Indian Cobras. |
| 6 Harlan's Horned Lizards. | 1 Night Viper. |
| 2 Mozambique Agama Lizards. | 8 Asp Vipers. |
| 2 Black-necked Agama Lizards. | 4 Russell's Vipers. |
| 41 Flap-necked Chameleons. | 3 Puff Adders. |
| 23 Meller's Chameleons. | 6 Marbled Newts. |
| 2 Spiny Chameleons. | 4 Alpine Newts. |
| 1 Short-tailed Chameleon.* | 2 Pleurodele Newts. |
| 1 Five-lined Skink. | 2 Yellow-bellied Toads. |
| 2 Variable Skinks.* | 2 Midwife Toads. |
| 13 Grant's Skinks. | 12 Brown Mud Frogs. |
| 6 Brown-backed Skinks. | 2 Fowler's Toads. |
| 6 Green Lizards. | 1 Peter's Tree Frog.* |
| 4 Black-pointed Tegu. | 8 Marbled Tree Frogs. |
| 6 Yellow Monitors. | 2 Pfeffer's Tree Frogs. |
| 1 Two-banded Monitor. | 12 Banana Tree Frogs.* |
| 5 Nile Monitors. | 20 Fornasin's Tree Frogs. |
| 3 Spotted Blind Snakes. | 1 Spotted Tree Frog. |
| 5 Reticulated Pythons. | 2 Bocage's Tree Frogs. |
| 4 Indian Pythons. | 4 Aubry's Frogs. |
| 1 Blood Python. | 1 Pig Toad. |
| 3 Anacondas. | 1 Pug-faced Frog. |
| 1 Boa Constrictor. | |

ANIMALS AT WHIPSNAD PARK.

Animals of all kinds (except Fish and Invertebrates) on 1st January, 1947	1,099
Animals of all kinds (except Fish and Invertebrates) received in 1947 by presentation, exchange, deposit, purchase, or birth (and transferred from Regent's Park)	728
	<hr/> 1,827
Animals of all kinds (except Fish and Invertebrates) dead, sold, sent in exchange, or returned to depositors (and transferred to Regent's Park) in 1947	665
	<hr/> 1,162

LIST OF DONORS OF ANIMALS TO WHIPSNAD PARK.

Alban, Mrs. Lois, 2 Greek Tortoises.
 Allen, G. H., 2 Greek Tortoises.
 Frost, Mrs. E. J., 2 Greek Tortoises.
 Glossop, Miss, 1 Grey Parrot.
 Legg, F. G., 2 Reeves's Pheasants.
 Mason, G., 1 Grey Parrot.
 Pam, Major Albert, O.B.E., F.Z.S., 6 Barnacle Geese.
 Taylor, Mrs. M., 1 Greek Tortoise.
 Trimming, Mrs. H. G., 2 Greek Tortoises.
 White, F. R., 1 Greek Tortoise.
 Wickenden, Mrs. S. V., 1 Grey-breasted Helmet Guinea Fowl.

LIST OF ANIMALS BRED AT WHIPSNAD PARK.

Mammals.

- 20 Husky Dogs (*Canis familiaris*).
- 4 Wolves ♂♂♀♀ (*Canis lupus*).
- 3 Arctic Foxes (*Alopex lagopus*).
- 5 Brown Bears (*Ursus arctos*).
- 10 Golden Hamsters (*Mesocricetus auratus*).
- 10 Guinea Pigs (*Cavia porcellus*).
- 6 Domestic Rabbits (*Oryctolagus cuniculus*).
- 9 Argente Creme Rabbits (*Oryctolagus cuniculus*).
- 1 Donkey ♂ (*Equus asinus*).
- 2 Shetland Ponies (*Equus caballus*).
- 1 Hybrid Shetland Pony × Donkey (*Equus caballus* × *E. asinus*).
- 6 Yaks (*Poephagus grunniens*).
- 2 Cape Buffalo (*Syncerus caffer*).
- 7 Mouflon (*Ovis musimon*).
- 12 Common Goats (*Capra hircus*).
- 2 Nylghaie (*Boselaphus tragocamelus*).
- 2 Fallow Deer (*Dama dama*).
- 1 Spotted Deer (*Axis axis*).
- 1 Hog Deer (*Hyelaphus porcinus*).
- 2 Sika Deer (*Sika nippon*).
- 2 Red Deer (*Cervus elaphus*).
- 1 Père David's Deer (*Elaphurus davidianus*).
- 2 Chinese Water Deer (*Hydropotes inermis*).
- 3 Bactrian Camels (*Camelus bactrianus*).
- 65 Bennett's Wallabies (*Macropus rufogrisea fruticus*).

Birds.

- 9 Domestic Geese.
- 17 Silky Bantams.
- 2 Hybrid Canada × Domestic Geese.
- 4 Muscovy Ducks (*Cairina moschata*).
- 1 Blue Snow Goose (*Chen coerulescens*).
- 7 Chinese Geese (*Cygnopsis cygnoides*).
- 1 Hybrid Barnacle × Bar-headed Goose (*Branta leucopsis* × *Anser indicus*).
- 5 Canada Geese (*Branta canadensis*).
- 2 Upland Geese (*Chloephaga magellanica*).
- 6 Paradise Sheld-Duck (*Casarca variegata*).
- 31 Mallard (*Anas platyrhynchos*).
- 1 Stanley Crane (*Tetrapteryx paradisea*).
- 5 Temminck's Tragopans (*Tragopan temmincki*).
- 11 Pallas's Eared Pheasants (*Crossoptilon auritum*).
- 11 Chinese Silver Pheasants (*Gennaesus nycthemerus*).
- 5 Swinhoe's Pheasants (*Gennaesus swinhoi*).
- 4 Edward's Pheasants (*Gennaesus edwardsi*).
- 5 Mongolian Pheasants (*Phasianus colchicus mongolicus*).
- 5 Common Pheasants (dark var.) (*Phasianus colchicus mut. tenebrosus*).
- 21 Reeves's Pheasants (*Syrmaticus reevesi*).
- 28 Golden Pheasants (*Chrysolophus pictus*).
- 40 Jungle Fowl (*Gallus gallus*).
- 12 Common Peafowl (*Pavo cristatus*).
- 72 North American Turkeys (*Meleagris gallopavo sylvestris*).
- 7 Common Rheas (*Rhea rothschildi*).
- 2 Partridges (*Perdix perdix*).

LIST OF ANIMALS DEPOSITED AT WHIPSNAD PARK.

Mammals.

- 1 Anglo-Nubian Goat.

Birds.

- 6 Barnacle Geese.

LIST OF ANIMALS RECEIVED IN EXCHANGE AT WHIPSNAD PARK.

Birds.

- 3 Pink-footed Geese ♂♂♀.
- 4 Golden Pheasants.
- 4 Dark-breasted Brent Geese ♂♂♀♀.
- 1 Common Peafowl ♀.

LIST OF ANIMALS PURCHASED FOR WHIPSNAD PARK.

Mammals.

- 1 Formosan Deer.

Birds.

- 6 Mandarin Ducks.
- 4 Red-crested Pochards.
- 12 Carolina Ducks.
- 1 Pallas's Eared Pheasant.
- 2 Emperor Geese ♂♀.
- 3 Black-breasted Kalij Pheasants ♂♀♀.

ACKNOWLEDGMENTS.—The Society is much indebted to Fellows, Corresponding Members, Private Donors, and to Institutions, Societies, Government Ministries and Shipping Companies for their kind help in re-stocking the Society's Collections by gifts and by assistance in transport. Specially to be mentioned in respect of 1947 are H.E. Sir Edward Gent, K.C.M.G., Mr. G. S. Cansdale, C.M.Z.S., Mrs. Powys-Cobb, Mr. A. R. Griffin, Mr. D. F. Kerr, Miss C. McTurk, Mr. A. Miller, C.M.Z.S., Mr. H. G. Gregory Smith, C.M.Z.S., Mrs. M. Taylor, Mr. S. F. Woodward, C.M.Z.S., the Allied Control Commission in Germany, the Government of British Guiana, the Georgetown Museum, the Calcutta Zoological Garden, Colombo Zoological Gardens, the Dudley Zoological Society, the Ministries of Transport, Education, Works, Food, Agriculture and Fisheries, Fuel and Power, the Board of Trade, H.M. Customs and Excise, the British Broadcasting Corporation, British Overseas Airways Corporation, Messrs. Booker Bros. McConnell & Co. Ltd., British India Steam Navigation Co. through Messrs. Gray, Dawes & Co., Messrs. Elder Dempster Lines, Messrs. Montgomerie & Workman Ltd., City Line Ltd., United States Lines, Union-Castle Mail Steamship Co. Ltd., General Steam Navigation Co. Ltd., and Messrs. Mitchell Cotts & Co. Ltd. As usual, Mr. A. G. Beach, F.Z.S., of Messrs. Gray, Dawes & Co., and Mr. R. Lennox, F.Z.S., of the Ministry of Transport, have rendered invaluable services in regard to the transport both of animals and personnel. In addition, the Society is much indebted to the Earl of Leicester, G.C.V.O., and to Mrs. Powell-Cotton for their continued kindness in providing evergreen oak for the Okapi and Giraffes, to Mr. H. Larman for valuable gifts of seed, and to Mr. T. P. Vandeleur, who has sent regular supplies of bamboo shoots for the Giant Panda.

FINANCE.

INCOME AND EXPENDITURE.

- (a) REGENT'S PARK. The income was £248,546 (a decrease of £34,063) and the expenditure amounted to £217,984 (an increase of £13,734).
- (b) WHIPSNADÉ PARK. The income was £56,864 (an increase of £6,820), and the expenditure amounted to £65,046 (an increase of £17,521).
- (c) SURPLUS. The net surplus (after making appropriations to Funds to meet future liabilities) amounted to £22,205, as compared with a surplus of £15,753 for 1946.

ASSETS, LIABILITIES AND BALANCE.

- (a) ASSETS. At the end of the year the total assets of the Society amounted to £759,680, an increase of £77,581 on the corresponding figure for 1946.
- (b) LIABILITIES. The liabilities amounted to £112,916, an increase of £28,388 on the corresponding figure for 1946.
- (c) BALANCE. The balance, a surplus of assets over liabilities, amounted to £646,764, an increase of £49,193 on the corresponding figure for 1946.

The most significant of these figures appear to be the great increase in the cost of maintenance of Regent's Park and Whipnade Park. This in 1946 was £251,775 and though estimated at not less than £260,000 for 1947 was, in fact, £283,030. Furthermore, the income decreased by £27,243. If, as seems likely, both these tendencies continue during 1948, the general financial position of the Society will give rise to considerable anxiety even though all possible economies are being effected.

Signed (for the Council),

SHEFFIELD A. NEAVE,

Secretary.

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

17th March, 1948.

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 VIII of the Bye-laws, we hereby certify that we have audited the Accounts of the Society for the year ended 31st December, 1947, 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 £759,680, and the Liabilities, Pension Fund and Depreciation of Investments Reserve Fund to £112,916, showing a surplus of Assets over Liabilities amounting to £646,764, subject to the estimated values of some of the Assets. The Cash in the Bankers' hands and at the Office amounted to £80,739.

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

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

13th February, 1948.

Comp. Figures, 1946.		LIABILITIES.		
£		£	£	£
21,980	Sundry Creditors—			
	Provisions, Materials and General Expenses			14,185
	Reserves and Suspense Account—			
619	Receipts in Advance (Subscriptions, etc.)		597	
	Pensions Fund—			
	Balance at 1st January, 1947	53,944		
	Add Transfer of Fees of deceased Compounders	1,080		
	Interest on Investments	1,660		
	Contributions to Fund	11,176		
	Deduct Pensions Paid	67,860		
53,944		9,826	58,034	
	Depreciation of Investments Reserve Fund—			
	Transfer from General Reserve and Post-War Development Fund		35,000	
	Loan and Mortgage Accounts—			
	Drummonds Branch, Royal Bank of Scotland			
	Regent's Park Catering Department Building—			
	Balance at 1st January, 1947	2,085		
	Deduct Amount repaid during year	2,085		
2,085				
	Art Studio Building—			
	Balance at 1st January, 1947	2,930		
	Deduct Amount repaid during year	400		
2,930		2,530		
	Purchase of Land and Premises at Whipsnade—			
	Balance at 1st January, 1947	720		
	Deduct Amount repaid during year	150		
720		570		
	Mortgage on Quarantine Station, Gloucester Gate—			
	Balance at 1st January, 1947	2,250		
	Deduct Amount repaid during year	250		
2,250			2,000	
				5,100
84,528				112,916
	Balance being Excess of Assets over Liabilities—			
	Heer Bequest—			
91	Balance at 1st January, 1947		91	
	Composition Fund—			
	Balance at 1st January, 1947	20,790		
	Add Fees received during year	1,005		
		21,795		
	Deduct Transfer to Pensions Fund—Fees of deceased Compounders	1,080		
20,790			20,715	
	Catering Departments Equipment and Repairs Stabilisation Fund—			
	Balance at 1st January, 1947	8,926		
	Add Interest on Investments	117		
	Annual Contribution by Catering Depts.	13,000		
		22,043		
	Deduct Expenditure during year	16,350		
8,926			5,693	
£114,335	Carried forward		£26,499	£112,916

Comp. Figures, 1946.		ASSETS.		
£		£	£	£
	Freehold Property, Whipsnade Park—			
	Cost of Land and Buildings, Enclosures, etc., including Redemption of Land Tax and Tithes at 1st January, 1947		91,725	
	Add Purchase of Properties:—			
	123, Common Road, Kensworth	2,040		
	49, Holywell Road, Studham	1,250		
	Holly Frindle Bungalow, Whipsnade Park (completion)	50		
	The Bungalow, Whipsnade Park	1,550		
			4,890	
	Expenditure on Agricultural Buildings		52	
91,725				96,667
	Leasehold Property, Quarantine Station, Gloucester Gate—			
	Balance at 1st January, 1947		2,250	
	Deduct Amount written off transferred to Income and Expenditure Account (see page 33)		250	
2,250				2,000
	Plant, Fittings and Furniture—			
	In Buildings and Enclosures at Regent's Park and Whipsnade Park (not valued)			
	In Catering Departments (not valued)			
	Stock Accounts—			
80,329	Animals belonging to the Society			*117,835
100,000	Books in Library			*100,000
1,000	Publications and Zoological Record... ..			*1,000
5,896	Guides, Films, and Souvenirs, etc. (at cost)			8,053
4,331	Catering Departments—Provisions, etc. (at cost)			8,696
3,202	Farm and Garden: Crops, Implements, etc. (Whipsnade)			*3,957
				239,541
	Sundry Debtors—			
3,859	Miscellaneous Accounts since received or considered good			5,069
	Suspense Accounts—			
1,121	Rates, Insurances, etc., paid in advance			1,252
	Investments (at cost)—			
	Pension Fund—			
53,923	£58,033 14s. 8d. 3 per cent. Savings Bonds 1965-75		58,034	
	Heer Bequest—			
91	£91 8s. 1d. Consolidated 2½ per cent. Stock		91	
	Composition Fund—			
	£16,459 11s. 7d. Consolidated 2½ per cent. Stock	16,307		
	£ 4,138 8s. 0d. 3 per cent. Savings Bonds 1965-75	4,138		
20,700			20,445	
	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		
5,872			5,055	
	Staff Compensation and Sick Benefit Fund—			
204	£404 3s. 5d. 3 per cent. Savings Bonds, 1965-75		404	
	Hance Bequest—			
10,052	£10,374 2s. 11d. Consolidated 2½ per cent. Stock		10,316	
£384,555	Carried forward		£94,345	£344,529

* As per valuations by Society's Officials.

Comp. Figures 1946.	LIABILITIES.		
£	£	£	£
114,335	Brought forward ...	26,499	112,916
Balance being Excess of Assets over Liabilities—continued—			
Staff Compensation and Sick Benefit Fund—			
	Balance at 1st January, 1947 ...	341	
	Add Interest on Investments ...	9	
	Donations ...	79	
	Transfer from Income and Expenditure Account (see page 37) ...	175	
		604	
341	Deduct Expenditure during year ...	37	567
Hance Bequest—			
	Balance at 1st January, 1947 ...	10,126	
	Add Interest on Investments ...	255	
10,126			10,381
Salisbury Bequest—			
	Legacy from the late Miss M. M. Salisbury ...	2,257	
4,277	Zoological Record Fund (see page 39) ...	6,273	
1,996	Neave-Lloyd Nomenclator Zoologicus Fund (see page 39) ...	2,086	
Label Fund—			
	Balance at 1st January, 1947 ...	3,920	
	Add Interest on Investment ...	89	
		4,009	
3,920	Deduct Expenditure during year ...	884	3,125
General Reserve and Post-War Development Fund—			
	Balance at 1st January, 1947 ...	238,285	
	Add Interest on Investments ...	7,774	
	Seven Year Covenants and Adoption Scheme Donations ...	15,129	
	Donations ...	858	
		262,046	
	Deduct Transfer to Depreciation of Investments Reserve Fund ...	35,000	
	Transfer to General Purposes Account for Capital Expenditure and Augmentation of Working Balance ...	33,000	
		68,000	
238,285			194,046
General Purposes Account—			
	Balance at 1st January, 1947 ...	308,819	
	Add Increase in value of Animals ...	37,506	
	Transfer from General Reserve and Post-War Development Fund ...	33,000	
		379,325	
	Add Excess of Income over Expenditure for Year (see page 37) ...	22,205	
308,819			401,530
			646,764
<u>£682,099</u>			<u>£759,680</u>

Comp. Figures 1946.	ASSETS.		
£	£	£	£
384,555	Brought forward ...	94,345	344,529
Investments (at cost)—continued—			
Salisbury Bequest—			
	£2,270 11s. 8d. 3 per cent. Savings Bonds, 1965-75 ...	2,257	
Zoological Record Fund—			
	£1,500 0s. 0d. 3 per cent. Savings Bonds, 1965-75 ...	1,500	
	£1,508 19s. 5d. Consolidated 2½ per cent. Stock ...	1,500	
1,500			3,000
Neave-Lloyd Nomenclator Zoologicus Fund—			
	£1,500 0s. 0d. 3 per cent. Savings Bonds, 1965-75 ...	1,500	
1,500			1,500
Label Fund—			
	£3,101 11s. 4d. Consolidated 2½ per cent. Stock ...	3,084	
3,784			3,084
Depreciation of Investments Reserve Fund—			
	£10,094 2s. 8d. 2½ per cent. Funding Loan, 1956-61 ...	10,000	
	£25,000 0s. 0d. 3 per cent. Savings Bonds, 1965-75 ...	25,000	
			35,000
General Reserve and Post-War Development Fund—			
	£110,356 12s. 4d. Consolidated 2½ per cent. Stock ...	109,738	
	£8,023 13s. 11d. 3 per cent. Savings Bonds, 1965-75 ...	8,024	
	£1,750 0s. 0d. British American Tobacco Co., Ltd., £1 Units ...	10,867	
	£1,400 0s. 0d. Distillers Co., Ltd., £1 Units ...	9,416	
	£8,000 0s. 0d. Imperial Continental Gas Association, Capital Stock ...	9,070	
	£10,000 0s. 0d. London & North-Eastern Railway Co., 4 per cent. 1st Guaranteed Stock ...	10,087	
	£7,500 0s. 0d. Powell Duffryn Ltd., £1 Units ...	9,259	
	£260 0s. 0d. Prudential Assurance Co., Ltd., 260 "A" Shares of £1 each ...	8,910	
	£1,900 0s. 0d. Shell Transport and Trading Co., Ltd., £1 Units (Bearer) ...	8,693	
	£425 0s. 0d. Union Corporation Ltd., 680 Ordinary Shares of 12s. 6d. each ...	8,912	
231,455			192,976
General Purposes Account—			
	Loan on Mortgage ...	2,250	
			334,412
Cash at Bank and in Office—			
Deposit and Current Accounts—			
25,339	General Accounts ...	52,298	
20,351	Catering Departments ...	22,335	
3,054	do. Equipment and Repairs Stabilisation Fund ...	638	
90	Composition Fund ...	270	
6,831	General Reserve and Post-War Development Fund ...	1,070	
21	Pensions Fund ...		
135	Label Fund ...	41	
2,777	Zoological Record Fund ...	3,273	
497	Neave-Lloyd Nomenclator Zoologicus Fund ...	586	
74	Hance Bequest ...	65	
136	Staff Compensation and Sick Benefit Fund ...	163	
			*80,739
<u>£682,099</u>			<u>£759,680</u>

* £50,000 on Deposit Account.

The Market Value of the Securities held on 31st December, 1947, at minimum Stock Exchange quotations was £310,151, showing a Depreciation of £22,011 on original cost.

**INCOME AND EXPEN
FOR THE YEAR ENDED**

Comp. Figures, 1946.	<i>INCOME.</i>						£	£
£	<u>REGENT'S PARK.</u>						£	£
FELLOWS.								
2,212	Admission Fees	...	...	...	...	...	2,399	
16,922	Subscriptions	...	...	...	...	...	17,312	
307	Blue Tickets—Sale of	...	...	...	...	...	184	
							19,895	
 GARDENS.								
203,821	Admission of Visitors to Gardens	...	...	...	...	...	165,582	
14,969	do. do. to Aquarium	...	...	...	...	...	12,011	
9,553	do. do. to Children's Zoo	...	...	...	...	...	10,428	
63	Photographers', Artists' and Students' Permits	...	...	...	...	...	25	
209	Cinematograph Film Permits	...	...	...	...	...	582	
1,578	Riding Receipts	...	...	...	...	...	1,490	
86	Automatic Exhibit Machines—Receipts	...	...	...	...	...	—
680	Bath and Push Chairs, Hire of	...	...	...	...	...	3,421	
1,630	Animals, etc., Sale of	...	...	...	...	...	1,509	
53	Prosectorium Specimens, Sale of	...	...	...	...	...	104	
12,638	Books, Souvenirs, etc., Sale of	...	...	...	...	...	10,327	
2,803	Official Guides, Sale of	...	...	...	...	...	2,304	
	Art Studio—							
500	Grants for the Year	...	...	...	...	...	125	
322	Rents Receivable	...	...	...	...	...	—
							207,908	
 SCIENTIFIC.								
	Zoological Record—							
	Subscriptions and Sales—							
34	Vols 1-58 (see also page 38)	...	...	...	...	...	345	
	Scientific Publications—							
1,019	Subscriptions and Sales	...	...	...	...	...	1,362	
67	Library Photographs, Copyright Fees	...	...	...	...	...	113	
							£	
328	Zoo Life Magazine—Sales in the Gardens	...	...	...	...	...	181	
	Share of Sales by Publishers, Vol. 1	...	...	...	...	...	384	
	(Society's share of Sales by the publishers for Vol. 2 not yet ascertained.)						565	
							2,385	
 INTEREST.								
911	Investments and Bank Deposit	...	...	...	...	...	770	
£270,705	Carried forward	...	...	...	...	...	£230,958	

DITURE ACCOUNT.

31ST DECEMBER, 1947.

Comp. Figures, 1946.	<i>EXPENDITURE.</i>						£	£
£	<u>REGENT'S PARK.</u>						£	£
GARDENS.								
3,025	Rent, Rates and Insurance	...	...	...	...	...	3,265	
46,596	Salaries—Menagerie Staff and Keepers	...	...	...	...	...	54,759	
14,576	Animals, Cost and Carriage of	...	...	...	...	...	19,234	
12,344	Provisions	...	...	...	...	...	17,904	
	Menagerie Repairs and Maintenance—Wages, Materials, Fuel, Light, Water, Cleaning, Utensils, Transport and Other Expenses	...	...	...	...	...	59,138	
	Deduct War Damage repaid	...	...	...	...	...	1,834	
71,235							57,304	
	Prosectorium Expenses—							
2,381	Salaries, Wages, Chemicals, Apparatus, etc.	...	...	...	...	...	3,124	
	Gardeners' Expenses—							
3,838	Salaries, Wages, Seeds, Plants, Implements, etc.	...	...	...	...	...	4,587	
	Aquarium Maintenance—							
	Salaries, Wages, Exhibits, Provisions, Fuel, Light and Other Expenses	...	...	...	...	...	12,269	
9,112	Advertising	...	...	...	...	...	1,502	
1,643	Band Expenses	...	...	...	...	...	624	
760	Books, Souvenirs, etc., Cost of	...	...	...	...	...	6,270	
7,348	Official Guides, Cost of	...	...	...	...	...	747	
841	Leasehold Property (Quarantine Station), Amount written off (see page 29)	...	...	...	...	...	250	
250	Children's Zoo—							
3,767	Wages, Provisions, Exhibits, General Maintenance, etc.	...	...	...	...	...	4,830	
177,716							186,669	
 SCIENTIFIC.								
2,662	Salaries and Sundry Expenses	...	...	...	...	...	3,694	
	Library—							
2,605	Salaries, Wages, Books and Binding, etc.	...	...	...	...	...	3,090	
2,899	Scientific Publications, Cost of	...	...	...	...	...	2,923	
	Zoo Life Magazine—							
	Contributors' Fees, etc.	...	...	...	...	...	350	
	Cost of copies for Sale in the Gardens	...	...	...	...	...	121	
380							471	
	Grants	...	...	...	...	...	72	
	Deduct Transfer from de Arroyave Trust Fund (see page 39)	...	...	...	...	...	72	
10	Medals	...	...	...	...	...	22	
£186,272							10,200	
							£196,869	

INCOME AND EXPEN
FOR THE YEAR ENDED

Comp. Figures, 1946.	<u>INCOME.</u>			
£	<u>REGENT'S PARK.</u>			
270,705	Brought forward	...	...	230,958
DONATIONS, LEGACIES AND MISCELLANEOUS.				
	Donations—			
	General	...	...	6
	Legacy—			
	From the late Mrs. K. Lipscombe	...	...	100
	de Arroyave Trust Fund—Balance of Income (see page	...	...	2,807
	39)	...	...	22
	Miscellaneous Receipts	...	...	2,935
2,791				2,935
<u>273,496</u>				<u>233,893</u>
 CATERING DEPARTMENT, REGENT'S PARK.				
	Profit for the year 1947	...	...	22,347
	Rent of Department and Lavatories	...	...	2,627
				24,974
	Deduct Expenditure by Gardens Department	...	...	10,321
9,113				14,653
<u>£282,609</u>	Total Income, Regent's Park (see page 36)	...	...	<u>£248,546</u>

£	<u>WHIPSNAD PARK.</u>			
GARDENS.				
36,954	Admission of Visitors to Park	...	...	40,828
394	do. Cars	do.	...	768
				41,596
	Car Park—			
2,118	Parking Fees	...	...	2,704
738	Bus and Train Receipts	...	...	1,624
52	Cinematograph Film Permits	...	...	10
792	Riding Receipts	...	...	899
86	Bath and Push Chairs, Hire of	...	...	571
464	Animals, etc., Sale of	...	...	625
	Farm and Garden—			
1,956	Sale of Produce, etc.	...	...	3,372
904	Official Guides, Sale of	...	...	1,095
1,125	Books, Souvenirs, etc., Sale of	...	...	1,015
1	Miscellaneous Receipts	...	...	64
				53,575
<u>£45,584</u>	Carried forward	...	...	<u>£53,575</u>

DITURE ACCOUNT—continued.
31ST DECEMBER, 1947.

Comp. Figures, 1946.	<u>EXPENDITURE.</u>			
£	<u>REGENT'S PARK.</u>			
186,272	Brought forward	...	...	196,869
ADMINISTRATION.				
11,290	Salaries, Wages, Fuel, Light, Stationery and Printing, Tele-	...	...	11,907
55	phones, Postages, etc.	...	...	246
90	Legal Expenses	...	...	90
	Composition Fees paid by Society	...	...	12,243
PENSIONS.				
6,234	Contribution to Fund	...	...	8,421
INTEREST.				
	Regent's Park Catering Department Building Loan	...	...	63
	Art Studio Loan	...	...	88
309				151
<u>204,250</u>	Total Maintenance, Regent's Park	...	...	<u>217,684</u>
SPECIAL WORKS.				
—	Elephant and Rhino House (Architects' Fees)	...	...	300
<u>£204,250</u>	Total Expenditure, Regent's Park (see page 37)	...	...	<u>£217,984</u>

£	<u>WHIPSNAD PARK.</u>			
GARDENS.				
1,427	Rent, Rates and Insurance	...	...	1,706
11,465	Salaries, Menagerie Staff, Keepers, etc.	...	...	14,842
333	Animals, Cost and Carriage of	...	...	1,302
5,413	Provisions	...	...	6,778
	Menagerie Repairs and Maintenance—Wages, Materials, Fuel,			
	Light, Water, Cleaning, Utensils, Transport and Other			
18,515	Expenses	...	...	26,397
423	Advertising	...	...	516
	Farm and Garden Department—			
	Farm	...	...	4,180
	Forestry	...	...	1,013
	Garden	...	...	984
	Care of Paddocks	...	...	750
5,763				6,927
449	Official Guides, Cost of	...	...	769
618	Books, Souvenirs, etc., Cost of	...	...	849
<u>£44,406</u>	Carried forward	...	...	<u>£60,086</u>

INCOME AND EXPENSE
FOR THE YEAR ENDED

Comp. Figures, 1946.	<i>INCOME.</i>		£	£
£	<u>WHIPSNAD PARK.</u>		£	£
45,584	Brought forward	...	...	53,575
	Catering Department, Whipnade Park—		£	
	Profit for the Year, 1947	...	...	5,283
	Rent of Department and Lavatories	...	...	1,038
	<i>Deduct</i> Expenditure by Gardens Department	...	...	6,321
4,460				3,032
				3,289
50,044	Total Income, Whipnade Park	...	...	56,864
282,609	Total Income, Regent's Park (see page 34)	...	...	248,546
332,653				305,410
<u>£332,653</u>				<u>£305,410</u>

EXPENDITURE ACCOUNT—continued.

31ST DECEMBER, 1947.

Comp. Figures, 1946.	<i>EXPENDITURE.</i>		£	£
£	<u>WHIPSNAD PARK.</u>		£	£
44,406	Brought forward	...	...	60,086
	ADMINISTRATION.			
1,925	Salaries, Fuel, Light, Wages, Stationery, Printing, Tele- phones, Postages, etc.	...	...	2,746
58	Income Tax (Schedule A)	...	...	61
53	Legal Expenses	...	...	9
				2,816
	PENSIONS.			
592	Contribution to Fund	...	...	1,190
	LOAN CHARGES.			
	Interest—Purchase of Land and Premises—Loan...	...	...	22
491	Moiety of Loan Charges paid to Beds. C.C. <i>re</i> Improvement and Extension of County Roads	...	...	932
				954
47,525	Total Expenditure, Whipnade Park	...	...	65,046
204,250	Total Expenditure, Regent's Park (see page 35)	...	...	217,984
251,775				283,030
	APPROPRIATIONS.			
125	Staff Compensation and Sick Benefit Fund (see page 30)	...	...	175
65,000	<i>General Reserve and Post-War Development Fund and Pensions Fund</i>	...	...	—
				283,205
15,753	Balance being Excess of Income over Expenditure for the Year, carried to Balance Sheet (see page 30)	...	...	22,205
<u>£332,653</u>				<u>£305,410</u>

INCOME AND EXPENDITURE ACCOUNT—continued.
FOR THE YEAR ENDED

31ST DECEMBER, 1947.

Comp.
Figures,
1946.

INCOME.

	DE ARROYAVE	
	<i>Trustees—The Official Trustees</i>	
	<i>£103,305 7s. 9d. Funding</i>	
£		£
3,099	Interest on Investment (per Official Trustees of Charitable Funds) ...	3,099

£3,099

£3,099

£		£
76	Interest on Investment ...	76

£76

£76

	ZOOLOGICAL	
£		£
3,709	Balance at 1st January, 1947 ...	4,277
1,512	Donations received during year (including transfer from Davis Fund and de Arroyave Fund) (see above) ...	1,602
1,011	Subscriptions and Sales—	
—	Vols. 59-83 ...	2,238
—	Interest on Investments ...	45

£6,232

£8,162

NEAVE-LLOYD NOMENCLATOR

£		£
1,308	Balance at 1st January, 1947 ...	1,996
596	Subscriptions and Sales ...	328
148	Transfer from General Purposes Account—Society's Share of Surplus 1941-45 ...	—
—	Interest on Investments ...	45

£2,052

£2,369

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.
13th February, 1948.

Comp.
Figures,
1946.

EXPENDITURE.

TRUST FUND.

of Charitable Funds.
3 per cent. Stock.

		£	£
7	Expenses re Upkeep of the de Arroyave Grave at Highgate and Mausoleum at Westbury ...	40	
34	Tax on Income expended on Upkeep of de Arroyave Grave at Highgate and Mausoleum at Westbury ...	6	
	Balance of Income appropriated to—		
174	Zoological Record Fund (see below) ...	174	
162	Scientific Grants—Regent's Park (see page 33) ...	72	
2,722	Transfer to Income and Expenditure Account (see page 34) ...	2,807	

£3,099

£3,099

TRUST FUND.

Co. 5 per cent. Preference Stock.

£		£
76	Transfer to Zoological Record Fund (see below) ...	76

£76

£76

RECORD FUND.

		£
1,955	Preparation and Printing, etc. ...	1,889
4,277	Balance at 31st December, 1947 (see page 30) ...	6,273

Note.—Publication of Vols. 82 and 83 delayed.

£6,232

£8,162

ZOOLOGICUS FUND.

£		£
56	Binding Expenses, etc. ...	283
1,996	Balance at 31st December, 1947 (see page 30) ...	2,086

£2,052

£2,369

FRANCIS O. LINDLEY,
Treasurer.

ended 31st December, 1947, 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 1935, 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 225,000 entries and is published in 4 volumes.

Price 10 guineas, or 2½ guineas per volume.

The preparation has been begun of a further volume to cover the literature of the years 1936-45, but it will necessarily be some considerable time before the work can be ready for publication.