

ZOOLOGICAL SOCIETY  
OF LONDON



REPORT OF THE COUNCIL AND  
AUDITORS FOR 1955

Prepared for the Annual General Meeting, at 4 p.m.  
on Friday 27 April 1956

# ZOOLOGICAL SOCIETY OF LONDON

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## PATRON

HER MAJESTY THE QUEEN

## COUNCIL

1955-56

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## STAFF

## ADMINISTRATION

Director and Permanent Secretary . . . .	L. Harrison Matthews, M.A., Sc.D., F.R.S.
Accountant and Clerk to the Council . . . .	S. A. Westwood
Director's Assistant . . . .	H. Gwynne Vevers, M.B.E., M.A., D.Phil.
Private Secretary . . . .	Miss Grace E. Gay

## REGENT'S PARK

Curator of the Aquarium . . . .	H. Gwynne Vevers, M.B.E., M.A., D.Phil.
Curator of Birds . . . .	J. J. Yealland
Curator of Mammals and Veterinary Officer . . . .	Oliver G. Jones, M.R.C.V.S.
Curator of Reptiles and Insects . . . .	J. W. Lester, F.L.S.
Prosector . . . .	W. C. Osman Hill, M.D., F.R.S.E., F.L.S.
Librarian . . . .	G. B. Stratton, M.B.E., A.L.S.
Architect . . . .	F. A. Stengelhofen, L.R.I.B.A.
Public Relations Officer . . . .	G. R. Doubleday
Chief Clerk . . . .	W. N. Pickford, M.M., A.C.I.S.
Supplies Officer . . . .	C. G. Nicholls
Catering Manager . . . .	W. N. Hill, F.H.C.I.
Head Gardener . . . .	H. Hemmings

## WHIPSNADE PARK

Superintendent . . . .	E. H. Tong, F.L.A.S.
Catering Manager . . . .	E. G. Rhodes

(Overseers and Head Keepers  
listed in Appendix I, p. 16.)

## HONORARY CONSULTING STAFF

Honorary Parasitologist .	Mrs. H. B. Fantham (Dr. Annie Porter), D.Sc., F.L.S.
Honorary Apiarist . . .	H. J. C. Farmiloe
Honorary Supervisor, Apes' Nursery . . . . .	Mrs. Dorothy A. Pinto-Leite
Honorary Consulting Ophthalmologist . .	B. W. Rycroft, O.B.E., M.D., Ch.B., D.O.M.S., F.R.C.S.
Honorary Consulting Veterinary Surgeon .	Professor G. H. Wooldridge, F.R.C.V.S.
Honorary Hydrologist .	J. H. Oliver, Ph.D., F.R.I.C.
Honorary Veterinary Surgeon (Whipsnade) .	Martin Senior, M.R.C.V.S.

# ZOOLOGICAL SOCIETY OF LONDON

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## REPORT OF THE COUNCIL FOR 1955

The Council has pleasure in presenting its one hundred and twenty-seventh Annual Report to the Annual General Meeting of the Society, to be held on Friday, the 27th April 1956, at 4 p.m., in the Society's Offices in Regent's Park.

### THE FELLOWSHIP

#### OFFICERS AND COUNCIL

The Rt. Hon. The Viscount Chaplin, F.L.S., did not seek re-election to the post of Honorary Secretary in April 1955, and was succeeded in this office by Professor (now Sir) Solly Zuckerman, C.B., D.Sc., F.R.S.

At the Annual General Meeting held in the Society's Offices on Friday, the 29th April 1955 the following five Members of Council retired :

Major Anthony Buxton, D.S.O., D.L.  
Captain Cyril Diver, C.B., C.B.E.  
Sir Norman B. Kinnear, C.B.  
Professor G. C. Varley, M.A., Ph.D.  
Iolo A. Williams, Esq.

The following were elected as new Members of Council to fill these five vacancies and the vacancy caused by the election of Professor Sir Solly Zuckerman to the office of Hon. Secretary :

Professor E. C. Amoroso, B.Sc., Ph.D., M.B., B.Ch., B.A.O.  
Professor W. G. Barnard, C.B.E., F.R.C.P.  
Sir Garrard Tyrwhitt-Drake, D.L., J.P.  
Francis C. Fraser, Esq., D.Sc.  
Oswald Lewis, Esq., M.A.  
Sir Malcolm Sargent, Mus.D., LL.D., F.R.C.M., F.R.S.A.

#### ROLL OF FELLOWS

The number of Fellows at 31st December 1955 was 7,885 as compared with 7,764 at the end of 1954.

#### OBITUARY

The Council regrets to report the death of a number of the Society's Fellows, among whom the following may be specially mentioned :

Mr. Alfred Ezra, O.B.E., who was a Member of Council, with the statutory intervals, from 1915 until his death, and was elected a Vice-President on 21 occasions. Mr. Ezra held both the Gold and Silver

Medals of the Society and was the only person to whom both these distinctions have been awarded. He was a most generous benefactor of the Society, one of his recent gifts being the fine pair of Kodiak Bears at Whipsnade, which have since produced the two young males, now living at Regent's Park. Mr. Ezra will also be long remembered for his great interest in the welfare of the Society's staff.

Major Albert Pam, O.B.E., M.A., F.L.S., V.M.H., who served on the Council, with the statutory intervals, from 1907 to 1945 and was Honorary Treasurer from 1932 to 1945. Major Pam was awarded the Silver Medal of the Society in 1914 in recognition of his donations to the Collection. He was particularly interested in birds and plants and had a wide knowledge of those of South America.

Professor P. A. Buxton, C.M.G., F.R.S., who served on the Council 1943-45, and as a Vice-President 1944-45. He was a leading entomologist, and rendered particularly valuable services by his work on the part played by insects in the transmission of tropical diseases.

## THE STAFF

The staff of the Society at 31st December 1955 totalled 513. Of these 394 worked at Regent's Park and 119 at Whipsnade.

At Regent's Park 118 were employed as Menagerie staff, 33 in the Main Offices and Library, 40 in the Architect's and Works Department, 134 in the Catering Department, 13 in Gardening and 56 in miscellaneous services.

At Whipsnade Park 34 were employed on Menagerie duties, 15 in the Offices, 18 in the Works Department, 24 in the Catering Department, 13 in the maintenance of the gardens and farm, and 15 on transport, car park and gate-keeping duties.

A list of the senior staff of the Society is given on p. ii, and of the Honorary Consulting Staff on p. iii.

A list of Overseers and Head Keepers is given in Appendix I, page 16.

### SILVER MEDAL

The Silver Medal of the Society was awarded to John Withers Lester, Curator of Reptiles, on the 16th November 1955 for outstanding services in leading expeditions to collect animals from Sierra Leone in 1948, Sierra Leone and Gold Coast in 1950, Uganda in 1952, Sierra Leone in 1954 and British Guiana in 1955.

### BRONZE MEDALS

The Bronze Medal of the Society was awarded to Head Keeper Alfred James Woods on the 19th January 1955 for the successful rearing of *Picathartes gymnocephalus*, and to Overseer Herbert Vinall on the 19th October 1955 for meritorious services on the British Guiana Expedition.

## OTHER ACTIVITIES BY MEMBERS OF STAFF

The Director and Permanent Secretary has served on the Councils of the Linnean Society, the Association for the Study of Animal Behaviour, the Mammal Society of the British Isles, the Fauna Preservation Society, the Systematics Association, the Research Defence Society and on the Biology Committee of the Royal Society, and the Advisory Committee of the XVth International Congress of Zoology. He has also been a member of the Board of Studies in Zoology and Comparative Anatomy in the University of London.

The Prosector has served on the Council of the Anatomical Society, and has received the Makdougall-Brisbane Prize of the Royal Society of Edinburgh, following a lecture on "Behaviour and adaptations of the Primates".

The Curator of Birds has represented the Society on the B.B.C. Advisory Panel on Bird Recordings.

The Curator of Mammals and Veterinary Officer attended the Annual Congress of U.F.A.W. at Barford, and the Annual Congress of the British Veterinary Association at Belfast. He has also given a number of lectures to societies and clubs.

## APPOINTMENTS AND RETIREMENTS

Mr. L. C. Bushby, F.R.E.S., Curator of Insects, retired from the service of the Society on the 15th June 1955. After serving in the Army during the First World War, he studied at the Department of Entomology at the Royal College of Science and joined the staff of the Society in October 1923. During his term of office he has re-formed and reorganised the Society's insect collection to which he has contributed many specimens collected by himself. In 1927 he went to South and Portuguese East Africa to assist Dr. Hugh B. Cott who was making a collection of animals for the Society including a large number of reptiles which formed part of a special exhibition to mark the opening of the new Reptile House. Besides numerous demonstrations at the Society's Scientific Meetings, Mr. Bushby has delivered many talks to schoolchildren and has broadcast on the subject of entomology both as a hobby and a career.

Mr. J. W. Lester, Curator of Reptiles, has now taken over the duties of Curator of Insects.

Mr. H. F. Vinall, Curator of the Aquarium, retired from the service of the Society on the 15th November 1955. Mr. Vinall joined the menagerie staff in 1901 and was closely associated with the late E. G. Boulenger in the establishment of the new Aquarium in 1924, when he became its first Overseer. He was appointed Supervisor of the Aquarium when it was partly reopened in 1943 and Curator in 1947. During his period of service, Mr. Vinall has collected for the Society in Australia, the Red Sea, and various parts of Europe. He was awarded the Bronze Medal of the Society in 1936 for his services as Overseer of the Aquarium, and the Silver Medal on the 18th February 1953 in recognition of over 50 years devoted service.

Dr. H. Gwynne Vevers was appointed to the Staff on the 1st September 1955 as Director's Assistant and Curator of the Aquarium. Dr. Vevers was Bursar and Zoologist at the Plymouth Laboratory of the Marine Biological Association of the United Kingdom from 1946-55.

#### OBITUARY

The Council regrets to report the death of Keeper K. Edis who had been on the Menagerie Staff for nine years, of Mrs. Marie Steyart who was long employed in the Catering Department at Regent's Park, of Mrs. L. Linsley of the same department, and of Mrs. G. Brandon of the Catering Department at Whipsnade.

### ZOOLOGICAL GARDENS, REGENT'S PARK

#### ROYAL AND NOTABLE VISITORS

During the year the Gardens were visited by Their Majesties the Shah of Persia and Queen Soraya, by the Sheik of Kuwait, and by Sir Winston Churchill, K.G., who came to inspect the tropical fish which he has deposited in the Aquarium.

Lady Howard visited the Gardens to accept on behalf of the Corporation of the City of London a pair of lion cubs which had been presented to the Lord Mayor, Sir Seymour Howard, by the Calgary Zoological Society.

Mr. Horace P. Boivin, Mayor of Granby, formally presented a pair of Canadian Beavers to the Society on behalf of the people of Granby, Quebec.

#### VISITORS

The number of visitors to the Gardens at Regent's Park during 1955 was 2,078,460 compared with 2,296,703 during 1954. The number of visitors to the Aquarium during 1955 was 358,647, compared with 378,196 during 1954.

The Children's Zoo was open from the 7th March to the 6th November 1955, and the number of visitors was 288,540 compared with 283,705 for the 1954 season.

The Gardens at Regent's Park were kept open until 11 p.m. on Saturdays from the 11th June to the 17th September 1955. In general the public response to this arrangement was disappointing and the Council does not propose to open the Gardens on evenings in 1956.

#### OCCURRENCES OF SPECIAL INTEREST

On the 4th August the female Chimpanzee "Abena" gave birth to the first male Chimpanzee ever born at Regent's Park. Other interesting births were:—a Beisa Oryx, a King Penguin, and a Six-banded Armadillo. A full list of the births at Regent's Park is given in Appendix IV, page 25.



Other notable additions included a Spanish Lynx, 2 White Rhinoceros, 7 Saiga Antelopes, a Malay Tree Shrew and an Angwantibo.

The White Rhinoceros are new to the collection and, indeed, this species has never been exhibited previously in this country. The Saiga Antelopes were received in exchange from the Prague Zoo. It is intended that three of these antelopes shall go to Whippsnade Park during 1956. Other important additions are mentioned in the account of the British Guiana Expedition on page 8.

A full list of additions to the Regent's Park Menagerie is given in Appendix V, page 25.

#### ARCHITECT AND WORKS DEPARTMENT

The Architect has been particularly concerned during the year with the building of the new Sanatorium and Quarantine Station, and of the new Pony Stables.

In addition to general maintenance, the Works Department has been responsible for the new Cockatoo Aviary and the Budgerigar cage, for certain alterations to the freshwater circulation in the Aquarium and for the reconstruction and enlargement of the Manatee Pool. In collaboration with outside contractors they have set up the Whale Exhibition, and adapted the former Gorilla House to take the two young male Kodiak Bears.

Contractors have built a new greenhouse for the Gardening Department, and have started work on repairs and alterations to the Society's Meeting Hall.

#### FLOWER GARDENS

Council has received many expressions of appreciation of the flower gardens, which gave a particularly fine show during the year. A new feature was the establishment of a rose garden between the Bear Terrace and Elephant Walk.

Among the numerous plantings mention should be made of some 7,000 tulips in beds on Broad Walk, of 17,000 wallflowers, supplied by Whippsnade and planted in the Gardens, and of a special show of tropical foliage plants in the Manatee pool in the Aquarium. The new greenhouse was completed during the year, and is already in full use. A collection of orchids has been purchased, and as they come into flower they are being exhibited in the Tropical Bird House, as a background for the humming birds. Council wishes to express the thanks of the Society to Mr. R. J. Lewis, for generous gifts of various plants, and to Messrs. Telkamp & Sons for their donation of numerous bulbs.

#### SUPPLIES OF FOOD AND BEDDING

The Supplies Department has continued to handle the large and varied diet of the animals in the Menagerie. Among the quantities consumed during the year were 326 tons of hay, clover and green forage, 62 tons of grain and seeds, 46 tons of biscuits and biscuit meal,

100 tons of meat, 42 tons of fish, 34 tons of fruit, 127 tons of vegetables, 13,400 pints of cow's milk, 14,000 eggs, as well as quantities of dead rats, mice and birds, earthworms, mealworms, dried flies and many other special foods. It is interesting to note that between January and August 1955 the Kiwi consumed 200 lbs. of earthworms. In addition to the food about 126 tons of bedding and litter were handled by the Supplies Department.

#### SPECIAL EXHIBITIONS

An exhibition entitled "Whales and Whaling" was opened during the summer in the area between the Lion House and Sea Lion Pond. The opening ceremony was performed by Their Excellencies the Norwegian and Portuguese Ambassadors. Council is grateful to Mr. Robert Clarke, of the National Institute of Oceanography who was responsible for the design of the exhibition, and to Messrs. Warner Bros. Pictures Ltd., who placed a fine collection of whaling implements and a model of a sperm whale's head at the Society's disposal. This model had been made for the film "Moby Dick".

A number of animals collected on the British Guiana Expedition were exhibited by the Society at an evening reception given by the President of the Linnean Society on 1st December, 1955.

#### PRESIDENT'S RECEPTION

The President held an evening reception in the Gardens on 16th June for Fellows of the Society and their friends; this was attended by some 1,900 people.

### ANIMALS AT REGENT'S PARK

Animals of all kinds (except Fish and Invertebrates) on 1st January, 1955 . . . . .	3,374
Animals of all kinds (except Fish and Invertebrates) received in 1955, by presentation, exchange, deposit, purchase, or collection (and transferred from Whipsnade) . . . . .	1,423
Animals of all kinds (except Fish and Invertebrates) born in the Menagerie during 1955 . . . . .	208
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	5,005
Animals of all kinds (except Fish and Invertebrates) dead, sold, sent in exchange or returned to depositors (and transferred to Whipsnade) in 1955 . . . . .	1,707
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Animals of all kinds (except Fish and Invertebrates) in the Gardens on 31st December, 1955. . . . .	<u>3,298</u>

### WHIPSNADE PARK

#### VISITORS

During the year the Park was visited by the Honourable Sir T. Clifton Webb, K.C.M.G., High Commissioner for New Zealand.

The number of visitors to Whipsnade Park during 1955 was

601,559, compared with 593,075 during 1954. This is the highest number of visitors since the Park was opened, exceeding the previous highest figure (593,075 in 1954) by 8,484.

It is of interest to note that during the year 16,698 cars were admitted to the Park, while the Car Park was used by 47,599 cars, 3,865 coaches, 7,040 motor cycles, and 5,452 bicycles. Train rides were taken by 46,946 adults and 56,374 children, elephant rides by 74,165 children, and camel and pony rides by 77,897. Some 6,639 push chairs were hired.

#### OCCURRENCES OF SPECIAL INTEREST

The notable births in the Park included two White-tailed Gnu, five Père David's Deer, one Reticulated Giraffe, one Collared Peccary, eight Red-breasted Geese, and a Citron-crested Cockatoo. A full list of the births is given in Appendix VII, page 32, and a list of all additions in Appendix VIII, page 32.

#### WORKS DEPARTMENT

The year has been a particularly active one. The new Children's Zoo was completed and a Slaughter House and Laboratory have also been built. The Gibbon Island was re-instated and other new structures include a Peccary House and Paddock, Moose Stables and Enclosure, and two cottages for staff. Among the more routine jobs special mention should be made of the boundary fence, of which 46 per cent. of the total of 8,350 yards has now been renewed.

#### FARM AND GARDEN DEPARTMENT

Among the supplies sent to Regent's Park were 2,300 lbs. of meat for animal feeding, 25 tons oats, 420 cwts. mangolds, 178 cwts. green clover, 49 cwts. swedes, and 285 cwts. cabbage. In addition a small amount of prime Aberdeen-Angus beef was supplied to the Catering Departments at Regent's Park and Whipsnade.

### ANIMALS AT WHIPSNADDE PARK

Animals of all kinds (except Fish and Invertebrates) on 1st January, 1955 . . . . .	1,796
Animals of all kinds (except Fish and Invertebrates) received in 1955 by presentation, exchange, deposit and purchase (and transferred from Regent's Park) . . . . .	258
Animals of all kinds (except Fish and Invertebrates) born in the Park during 1955 . . . . .	348
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	2,402
Animals of all kinds (except Fish and Invertebrates) dead, sold, sent in exchange or returned to depositors (and transferred to Regent's Park) in 1955 . . . . .	550
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Animals of all kinds (except Fish and Invertebrates) on 31st December, 1955 . . . . .	1,852
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## EXPEDITION TO BRITISH GUIANA

Following the successful expedition to Sierra Leone in 1954 the Society decided to send out an expedition to British Guiana. This expedition, which was again organised in collaboration with the British Broadcasting Corporation, left the country by air on 24th March 1955. The expedition was under the leadership of Mr. J. W. Lester, Curator of Reptiles, who was assisted by Overseer H. Vinall. The B.B.C. component consisted of Mr. David Attenborough, as producer, and Mr. Charles Lagus as cameraman.

The expedition succeeded in collecting 181 animals (23 mammals, 126 birds, 22 reptiles, 8 amphibians, 2 fishes) in addition to over 200 invertebrates.

By the courtesy of Mr. Alastair Mackenzie, Director of Agriculture, the expedition base was established in the Botanic Gardens at Georgetown, so that facilities were immediately available for housing animals. In this connection the expedition was also greatly helped by Mr. G. Wolstenholme, Curator of the Botanic Gardens, and by Mr. Vincent Roth, Curator of the Georgetown Museum and Zoo.

The first journey was to the Rupununi Savannahs where the expedition collected a number of animals including three Giant Anteaters, a Trumpeter, some Capuchin Monkeys, and a Matamata terrapin. Following this, three weeks were spent in the Mazaruni Basin where a fine specimen of the Cock-of-the-Rock was obtained, as well as some Humming Birds. A shorter journey to the Barima River yielded a Capybara, a Spotted Cavy, a Tamandua Anteater, and a young Brazilian Tapir.

The final journey was to the coast, near New Amsterdam, where a Rat-tailed Opossum, two Hoatzins, an Anaconda, a Manatee, and two Electric Eels were collected.

Among the many interesting invertebrates collected there were two species of bird-eating spider, two scorpions, a whip scorpion, some land crabs, and a leaf mantis. The young of one of the bird-eating spiders have since been hatched out successfully in the Insect House.

Owing to illness Mr. Lester was flown back to the United Kingdom just before the end of the expedition, and his place was taken by Mr. J. J. Yealland, Curator of Birds.

On the return voyage in s.s. *Arakaka* (Captain J. A. Carter) a call was made at Port of Spain where officials of the Trinidad and Tobago Zoo came on board and presented five Sugar Birds, and themselves received a Great Green Cacique collected in British Guiana.

After the return of the expedition the British Broadcasting Corporation broadcast a series of six television programmes, which were presented by Mr. David Attenborough, and in which the Director and Permanent Secretary appeared, in the absence through illness of Mr. J. W. Lester.

## MEETINGS AND LECTURES

Four Ordinary General Meetings were held during the year.

Scientific Meetings were held on eight occasions during the year and attracted large audiences. Of the many interesting communications made at these meetings, the following may be specially noted: the presentation by Dr. Robert S. Dietz of a colour film made with the use of underwater swimming apparatus of the marine life off the coast of southern California and around Guadalupe Island, Mexico; a summary by Mr. J. Arthur Thomson of the biological research work made by the Eastern Arctic Investigations in the eastern Canadian Arctic during the summer of 1954; an account by Mrs. J. D. Bradley of an expedition to Rennell Island, in the British Solomon Islands Protectorate, made to obtain a collection of the fauna for the British Museum (Natural History); a communication by Dr. A. J. Cain on the work of the Oxford University (Department of Zoology) Expedition to the Eastern Solomon Islands, during which studies were made on the ecological distribution of the birds in relation to their time of invasion of the Oceanic islands; the reports by Mr. J. W. Lester and the exhibition of the full-length film of the joint Zoological Society of London and B.B.C. Expedition to Sierra Leone, 1954; the address by Professor Alfred S. Romer on the vertebrate as a dual animal—somatic and visceral; an account of insect metamorphosis by Professor C. M. Williams; and the presentation of a film of the flora and fauna of the Haute Semliki by Dr. Maurice Burton.

## CONFERENCES

Mr. E. H. Tong attended the Annual Conference of the International Union of Directors of Zoological Gardens, held in Basle from September 5th to September 7th inclusive, and Dr. L. Harrison Matthews, F.R.S. and Mr. Tong attended a meeting of the Directors of Zoological Societies of Great Britain and Ireland, held in Dublin from May 9th to May 14th.

The Society was represented at the International Congress of Anatomy, held in Paris from July 25th to July 30th, by Dr. L. Harrison Matthews, F.R.S.

## CHRISTMAS LECTURES

During the Christmas holidays three lectures, illustrated with films, slides and living specimens, were given in the Mappin Terrace Pavilion for the children of Fellows and their friends. Large and appreciative audiences heard Dr. H. Gwynne Vevers, M.B.E., talk about animals on the seashore, Mr. Maxwell Knight, O.B.E., speak about his pet Kusimanse, "Wendy", and other pet animals, and Dr. L. Harrison Matthews, F.R.S., introducing and remarking upon the full-length film of the joint Zoological Society of London and B.B.C. Expedition to Sierra Leone, 1954.

## LECTURE FOR L.C.C. SCHOOL CHILDREN

A lecture for L.C.C. secondary school children was given on 30th December 1955 by Dr. H. Gwynne Vevers, M.B.E., on "Animals in the Sea". This lecture, which was illustrated with slides and living specimens, was repeated on the 3rd January 1956.

## RESEARCH

## PROSECTORIUM

During the year 1,164 necropsies were performed on animals which died at Regent's Park—257 on mammals, 555 on birds, and 352 on reptiles and amphibians. At Whipsnade Mr. Martin Senior carried out 255 necropsies, 135 on mammals, 119 on birds, and one on a reptile.

Material from outside sources was also received for investigation, and this included animals from other zoological gardens.

Besides specimens preserved for use in the Prosectorium, a considerable amount of anatomical, physiological, biochemical and pathological material has been supplied to other institutions, and the results of research on it have appeared in a number of scientific publications.

## VISITING SCIENTISTS

During the year the following visiting scientists have worked in the Society's laboratories :—

Dr. P. Eckstein of Birmingham : Reproductive organs of primates

Dr. Fleischhacker of Shenley Hospital : Neuro-pathology

Dr. Sekulich of London : Analysis of tuberculosis records

Dr. Aziz Soliman of Cairo : Reproductive tract in mammals

The Society entertained the Executive Committee of the International Union of Biological Sciences to lunch on Sunday, the 13th November, following a tour of the Gardens.

## RESEARCH STUDENTS

Miss O. J. Sidney, the investigator appointed by the Game Subcommittee of the Tsetse Fly and Trypanosomiasis Committee of the Colonial Office, has continued to make use of the accommodation provided in the Society's Library for research and consultation of the literature on African mammals. Her final report is in course of preparation.

The grant received from the Nature Conservancy to enable an investigation into the biology of the mole to be undertaken by Dr. G. K. Crowcroft has been renewed, and she has continued to conduct her laboratory work on the Society's premises.

Mr. Allan C. Brooks, the investigator appointed by the Colonial Office to study African game, particularly Thomson's Gazelle, has returned from field work in Africa and made use of the Society's premises for his laboratory work and the preparation of his report.

## RESEARCH GRANTS

A grant of £50 has been made to the Gough Island Scientific Survey, and one of £75 to Professor R. J. Harrison in aid of his "Investigations on physiological and anatomical modifications in Pinnipedia and Cetacea associated with diving".

## PUBLICATIONS

## PROCEEDINGS

Volume 125 of the *Proceedings* was published during the year, Part 1 on 27th May, Part 2 on 31st August, and a joint number, Parts 3 and 4 on 23rd November. Commencing in 1956, two volumes of the *Proceedings* will be issued in each year.

As usual the papers contained in the volume for 1955 cover a wide variety of subjects, and attention may be drawn to the following papers: the anatomy and physiology of the gut of the polychaet, *Arenicola marina*, by Doris M. Kermack; the evolution of the Ellobiidae, with a discussion on the origin of the Pulmonata by J. E. Morton; ecological changes in the Palaearctic Region since the Pliocene by R. E. Moreau; the cranial anatomy of some gorgonopsids and the synapsid middle ear by F. R. Parrington; observations on a breeding colony of the seal *Phoca vitulina* in Shetland by U. M. Venables and L. S. V. Venables; muscle morphogenesis in primitive gastropods and its relation to torsion, by Doris R. Crofts; the respiratory adaptations, biology, and taxonomy of the Psephenidae, with notes on some related families (Coleoptera) by H. E. Hinton; some Triassic cynodonts from Tanganyika by A. W. Crompton.

## TRANSACTIONS

Two important monographs were published in Volume 28 of the *Transactions*. Part 5, published 21st March, comprised "The growth-stages of the pouch-young of the Native Cat (*Dasyurus viverrinus*) together with observations on the anatomy of the new-born young" by the late J. P. Hill and W. C. Osman Hill, and Part 6, published 21st September, "Phylogeny of the Planorbidae" by Bengt Hubendick.

## NOMENCLATOR ZOOLOGICUS

The names of and bibliographical references to some 1,506 new genera and subgenera in zoology, published mainly in the literature for 1953, were incorporated into the file maintained in the Library.

## ZOOLOGICAL RECORD

Thirteen further separate sections of Volume 90 of this annual bibliography of the zoological literature were issued; the remaining section recording the literature of the Vermes is now in type and the complete bound volume will be available in 1956. Three sections of Volume 91, Comprehensive Zoology, Aves and Mammalia were

published, and the Echinoderma, Brachiopoda, Arachnida, Insecta and Pisces sections of this volume, recording the literature for 1954, are in the Press.

The continued rising cost of printing imposes a heavy burden on the Zoological Record Fund and receipts received from sales are still insufficient to meet the costs incurred in producing the *Record*. Its publication therefore depends to a considerable extent on donations to the Zoological Record Fund. A complete list of donations to this Fund during 1955 is given in Appendix IX, page 34.

### ZOO LIFE

Three parts of Volume 10 had been issued by the end of the year.

Part 1 of this volume was devoted to the joint Zoological Society and B.B.C. expedition to Sierra Leone, and contained articles on a large section of the fauna of this part of West Africa, including "Mammals of Sierra Leone" by R. W. Hayman and "Picathartes" by J. J. Yealland, and also an illustrated narrative of the work of the expedition by David Attenborough. The principal articles in Part 2 dealt with whales and whaling and were contributed by members of the National Institute of Oceanography. Part 3 covered a more general field of natural history subjects including articles on "Breeding Dwarf Mongooses" by Mrs. S. Taylor, related by Cecil S. Webb, "Silk Moths" by L. C. Bushby and "The Dolphin Family" by F. C. Fraser. The 4th part will be focussed upon the second joint Zoological Society and B.B.C. expedition, this time to British Guiana, and will contain articles on the British Guiana fauna.

*Zoo Life* continues to be published quarterly, the subscription rate being 7s. per annum, post free. All subscriptions for *Zoo Life* should be forwarded to the publishers, Messrs. Gale & Polden Ltd., 28 Craven Street, W.C.2, and not to the Society's Offices. A few copies of the first 10 volumes are still available and may be obtained from Messrs. Gale & Polden.

### LIBRARY

The number of volumes of separate works and periodicals in the Library is now approximately 90,000, exclusive of a collection of reprints numbering 8,000.

The floor of the Meeting Room was found to be in need of extensive renovation, and the opportunity has been taken, not only to renew the floor, but also to construct below it a basement book store, fitted with mobile stacks, which is designed to accommodate about 31,000 volumes. This work was started in August 1955 and was still in progress at the end of the year.

These building operations necessitated moving a large number of books to temporary locations; nevertheless reference and lending facilities to Fellows were maintained, and the number of books





Photo: Fox Photos.

The Giraffe "Helen" and her son, born 1st October, 1955, at Whipsnade Park.

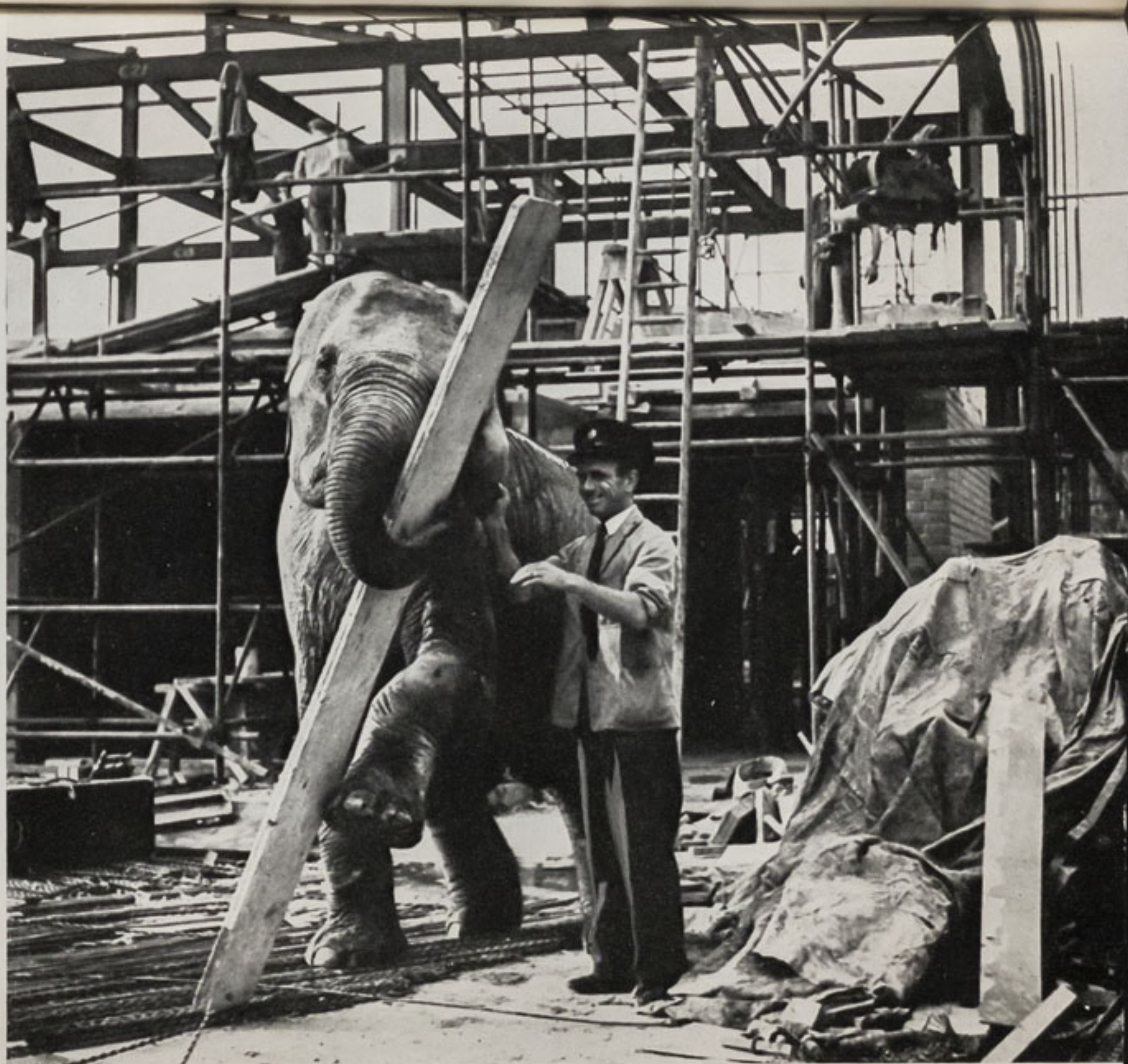


Photo: Fox Photos.

The Indian Elephant "Rusty" lends a trunk. Construction of the new Sanatorium and Quarantine Station.



Photo: Fox Photos.

"Ben" and "Bebe," the first pair of White Rhinoceros ever to be exhibited in this country.

H.M. Queen Soraya of Persia visits the Parrot House, February 21st, 1955.

Photo: Daily Mirror.



borrowed by them was 3,010. A further 480 were lent to scientific and technical institutions ; in addition some illustrated works on the fauna of Mexico, including Godman and Salvin's " *Biologia Centrali-Americana* " were made available to the Hispanic Council for their Mexican Book Exhibition.

The additions to the Library were 108 books and 4,417 parts of 787 periodicals. The number of volumes bound was 927 and a further 357 volumes were rebound or repaired. A considerable sum is needed for further repair to the bindings of valuable books in the Library.

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

A list of books presented to the Library during the year is given in Appendix X, page 35.

### ACKNOWLEDGMENTS

The Council would like to take this opportunity of acknowledging their gratitude to Lord Bagot for his gift of a herd of Schwarzhals Goats, a strain originating from the Near East. A herd of these goats has been kept by Lord Bagot's family at Blithfield in Staffordshire for some centuries.

The Society is also indebted for gifts of specimens to : Mr. C. J. P. Ionides, c.m.z.s., Mr. Eric J. Phillips, Mr. W. W. A. Phillips, Mr. J. D. Romer, c.m.z.s., and Squadron-Leader K. C. Searle, and to His Excellency the Governor of Uganda, the Secretary of Agriculture and Natural Resources of Uganda, Dr. Fernando C. Costa, Mr. E. H. Hawkes, Mr. G. H. Swynnerton, and Mr. Garth Underwood for their assistance in obtaining exhibits. In addition the following Zoological Societies have made valuable gifts or sent interesting animals to Regent's Park and Whipsnade on an exchange basis : The Royal Zoological Society of Antwerp, the Zoological Gardens, Copenhagen, the Zoological Park, Jerez-de-la-Frontera, the Zoological Gardens, Prague, and the Zoological Society of Trinidad and Tobago. Complete lists of donors of animals to Regent's Park and to Whipsnade are contained in Appendices III (page 20) and VI (page 31).

Several collections of marine specimens have been assembled and sent from Madeira by Senhora Hermione Blandy de Freitas Martins and Senhor João de Freitas Martins, c.m.z.s., who continue to take a lively interest in the Society's Aquarium.

For assistance rendered to the joint Zoological Society and B.B.C. expedition to British Guiana, the thanks of the Society are especially due to His Excellency the Governor and members of his staff, as well as to Mr. A. F. Mackenzie and the staff of the Department of Agriculture, Mr. & Mrs. E. McTurk, Dr. K. Jones, Mr. G. Wolstenholme of the Botanic Gardens at Georgetown, Mr. J. B. Bamford, Mr. Vincent Roth of the British Guiana Museum and Mr. W. Seggar. The Booker Line Limited was kind enough to grant permission for the collection of

animals to be brought home in their s.s. *Arakaka* and the Captain, Officers and crew of this ship were most co-operative. In Georgetown, Mr. Tasker, the agent of the Line, was most helpful in obtaining photographs and specimens of the Hoatzin. Mr. Driver, the agent of Royal Dutch Airlines in Georgetown, was equally helpful.

The following have rendered valuable assistance to the Society's Veterinary Officer in the field of animal health : Dr. L. E. Houghton, Dr. K. Neville Irvine, Dr. Ian Martin-Scott, Dr. K. Tolderlund of the Government Serum Institute, Copenhagen, Dr. Jacqueline Walker and Dr. A. Q. Wells. The Society is also grateful to Mr. J. E. Nigel Sloan, B.Sc., Parasitologist of the Cooper, McDougall & Robertson Field Research Station at Berkhamsted, for identification of parasites at Whipsnade Park.

The Society's thanks are due to the following Ministries and Institutions for their assistance in a variety of ways : the British Broadcasting Corporation, the Director and staff of the British Museum (Natural History), the Royal Botanic Gardens, Kew, the Royal Orthopaedic Hospital, Stanmore, the Royal Veterinary College, the Board of Trade, H.M. Customs & Excise, the Ministries of Agriculture Fisheries & Food, Education, Fuel & Power, Health, Transport and Works, the Public Health Departments of the Corporation of the City of London and of the Metropolitan Boroughs of Acton, Hampstead, Holborn, St. Marylebone and St. Pancras.

In the sphere of shipping and transport the following companies and corporations have given valuable co-operation : Air France, the American Express Company Incorporated, the Antwerp Steamship Company Limited, the British European Airways Corporation, the British India Steam Navigation Company Limited, the British Overseas Airways Corporation, British Railways, Canadian Pacific Steamships Limited, Gray, Dawes & Company Limited, Houlder Brothers & Company Limited, the London Transport Executive, Munro Transport, J. F. Obree & Son Limited, Pan American World Airways, the P. & O. Steam Navigation Company Limited, the Royal Dutch Airlines, the Royal Mail Lines Limited, Frank Strick & Company Limited, the Union-Castle Mail Steamship Company Limited, the United Shipping Company Limited and Mark Whitwill & Son Limited.

As in the past, the Society is grateful to the Rt. Hon. The Earl of Leicester for his kindness in providing evergreen oak for the giraffes, to Mr. Matthew Laird for maintaining a supply of earthworms for the Kiwi, and to Virol Limited.

## FINANCE

## LEGACIES

The following legacies were received during the year :—£2,840 from the late Mrs. Elsie Haworth ; £200 from the late George Aylwin Clarkson ; £50 from the late Mrs. Winifriede Hannah Whitlam.

## INCOME AND EXPENDITURE

- (a) REGENT'S PARK. The income was £295,315 (a decrease of £13,549) and the expenditure amounted to £281,083 (an increase of £21,068).
- (b) WHIPSNAD PARK. The income was £110,047 (an increase of £6,990), and the expenditure amounted to £93,386 (an increase of £9,053).
- (c) SURPLUS. The net surplus (after making appropriations to Funds to meet future liabilities) carried to the General Purposes Account, amounted to £6,793 as compared with £7,473 for 1954.

## ASSETS, LIABILITIES AND BALANCE

- (a) ASSETS. At the end of the year the total assets of the Society amounted to £1,204,824, an increase of £18,811 on the corresponding figure for 1954.
- (b) LIABILITIES. The liabilities (including Pensions Fund and Depreciation of Investments Reserve Fund) amounted to £495,243, an increase of £51,677 on the corresponding figure for 1954.
- (c) BALANCE. The balance, a surplus of assets over liabilities, amounted to £709,581, a decrease of £32,866 on the corresponding figure for 1954.

Signed (for the Council)

LANDSBOROUGH THOMSON  
*President*

T. C. S. MORRISON-SCOTT  
*Hon. Treasurer*

L. HARRISON MATTHEWS  
*Permanent Secretary*

S. ZUCKERMAN  
*Hon. Secretary*

21st March 1956.

## APPENDIX I.

## LIST OF OVERSEERS AND HEAD KEEPERS

at 31 December 1955

## REGENT'S PARK

## OVERSEERS

F. C. Akhurst	Aquarium
G. Ashby	Insect House
A. S. Budd	Primates
L. M. Flewin	Carnivores and Small Mammals
A. R. Lanworn	Reptile House
E. B. Tanner, B.E.M.	Birds
H. Vinall	Ungulates

Supervisor of the Sanatorium and Quarantine Station

C. G. Harwood

## HEAD KEEPERS

J. C. T. Alldis	North Mammal House
S. A. Croucher	Parrot House
E. W. Dexter	Reptile House
T. E. Grantham	Small Cat House
G. Graves	Rodent House
A. D. J. Gregory	Eastern Aviary
S. J. Hexter	Ostrich House
C. E. Hitchcock	Lion House
R. P. Humphreys	Insect House
F. G. J. Jones	Elephant House
G. F. Newson	Aquatic Birds
J. C. Pullen	Cattle Sheds
H. G. N. Robinson	Giraffe & Hippopotamus House
J. W. Shelley	Antelope House
B. W. Smith	Bears and Mappin Terraces
L. G. Smith	Monkey House
R. S. Smith	Camel House and Mappin Terraces
E. L. Stimpson	Pheasantry
H. W. Styles	Small Mammal House
H. L. Ward	Aquarium
J. Ward	Birds of Prey Aviaries
A. T. Wilson	Sanatorium and Quarantine Station
A. J. Woods	Bird House

Supervisor of Children's Zoo

Miss I. Daley

## WHIPSNADDE PARK

## OVERSEER

P. S. Bates

## HEAD KEEPER

A. E. Cole

## APPENDIX II.

LIST OF GENERA, SPECIES AND SUBSPECIES NEW TO THE COLLECTION.—54 new genera, species and subspecies were added to the collection in the year as compared with 68 in 1954. (The figures placed before each name indicate its approximate position in the current Vertebrate List.)

## NEW GENERA

## (I) Birds

## ORDER PASSERIFORMES

- 115c *Buphagus africanus* Linné. Yellow-billed Oxpecker  
 547b *Coccoptis gularis* (Linné). Black-throated Cardinal  
 618c *Chalcostetha calcostetha* (Jardine). Macklot's Sunbird  
 795b *Donacobius atricapillus* (Linné). Black-capped Mocking Thrush  
 826a *Pseudoalcippe atriceps* (Sharpe). Ruwenzori Hill Babbler

## ORDER CORACIIFORMES

- 994e *Heliactin cornuta* (Wied). Sun Gem

## ORDER CHARADRIIFORMES

- 1772b *Lophotis ruficrista* (A. Smith). Red-crested Bustard  
 1834a *Metopidius indicus* (Latham). Bronze-winged Jacana

## (II) Reptiles

## ORDER SERPENTES

- 434g *Pseudotyphlops philippinus* (Cuvier). Kelaart's Earth Snake  
 494a *Opisthotropis andersoni* (Boulenger). Anderson's Snake

## (III) Amphibians

## ORDER SALIENTIA

- 103b *Gastrotheca marsupiatum* (Dumeril & Bibron). Marsupial Frog

## NEW SPECIES AND SUBSPECIES

## (I) Mammals

- 116a *Ateles belzebuth hybridus* Geoffroy. Variegated Spider Monkey. South America  
 438g *Heliosciurus gambianus senescens* Thomas. Sun Squirrel. West Africa  
 486b *Vandeleuria oleracea nilagirica* Jerdon. Nilgiri Long-tailed Tree Mouse. Ceylon  
 487a *Sigmomys savannarum* Thomas. Savannah Rat. British Guiana  
 649a *Diceros simus* (Burchell). White Rhinoceros. Uganda

## (II) Birds

- 36a *Cyanocorax cayanus* (Linné). Cayenne Jay. British Guiana  
 115c *Buphagus africanus* Linné. Yellow-billed Oxpecker. Tropical Africa  
 122a *Oriolus chinensis maculatus* Vieillot. Malaysian Black-naped Oriole. South-eastern Asia  
 \*247c *Estrilda astrild occidentalis* Jardine & Fraser. Western Common Waxbill. Sierra Leone  
 520b *Zonotrichia coronata* (Pallas). Golden-crowned Sparrow. Western North America  
 523a *Zonotrichia macconnelli* Sharpe. Macconnell's Song Sparrow. British Guiana  
 547b *Coccoopsis gularis* (Linné). Black-throated Cardinal. British Guiana  
 618c *Chalcostetha calcostetha* (Jardine). Macklot's Sunbird. Malaya  
 624h *Cinnyris bifasciatus pembae* Reichenow. Pemba Island Sunbird. Pemba Island  
 626i *Cyanomitra olivacea granti* Vincent. Pemba Olive Sunbird. Pemba Island  
 623d *Cinnyris chalybeus graueri* Neumann. Grauer's Sunbird. Uganda  
 638c *Zosterops senegalensis superciliosus* Reichenow. White Nile Yellow White-Eye. Upper Nile Valley  
 751b *Phoenicurus aureus* (Pallas). Daurian Redstart. South-east Asia  
 795b *Donacobius atricapillus* (Linné). Black-capped Mocking Thrush. British Guiana  
 826a *Pseudoalcippe atriceps* (Sharpe). Ruwenzori Hill Babbler. Mountains of Tropical Africa  
 \*842k *Andropadus latirostris congener* Reichenow. Upper Guinea Yellow-whiskered Bulbul. Sierra Leone  
 853b *Pycnonotus plumosus* Blyth. Large Olive Bulbul. South-east Asia  
 889g *Pipra rubrocapilla* Temminck. Red-headed Manakin. Brazil and Eastern Peru  
 930a *Melanerpes rubrifrons* (Spix). Red-fronted Woodpecker. British Guiana  
 986h *Chlorostilbon prasinus subfurcatus* Berlepsch. Roraima Emerald Humming Bird. British Guiana  
 987c *Trochilus polytmus* Linné. Long-tailed Humming Bird. Jamaica  
 994d *Lophornis magnifica* (Vieillot). Frilled Coquette. S. E. Brazil  
 994e *Heliactin cornuta* (Wied). Sun Gem. East and Central Brazil  
 1046e *Halcyon senegalensis fuscopileus* Reichenow. Forest Senegal Kingfisher. Nigeria  
 1048a *Sauropatis chloris humii* (Sharpe). Malayan White-collared Kingfisher. Malaya  
 1195a *Poicephalus cryptoxanthus* (Peters). Southern Brown-headed Parrot. South-eastern Africa  
 1364b *Speotyto cunicularia brachyptera* Richmond. Short-winged Burrowing Owl. British Guiana

\* Juvenile specimens not correctly identified in 1954



- 1512c *Falco sparverius isabellinus* Swainson. Isabelline Kestrel. British Guiana  
 1699b *Butorides striata javanica* (Horsfield). Little Green Heron. Malaya  
 1772b *Lophotis ruficrista* (A. Smith). Red-crested Bustard. South Africa  
 1788a *Burhinus bistriatus vocifer* (L'Herminier). Double-striped Thicknee. British Guiana  
 \*1790b *Phalaropus fulicarius* (Linné). Grey Phalarope. Canary Islands  
 1834a *Metopidius indicus* (Latham). Bronze-winged Jacana. South-east Asia  
 1944a *Amaurornis phoenicura chinensis* (Boddaert). Eastern White-breasted Waterhen. South-eastern Asia  
 1945a *Neocrex erythrops olivascens* (Chubb). Venezuelan Red-faced Crake. British Guiana  
 2160c *Alectoris graeca philbyi* Lowe. Black-throated Chukor. South-west Arabia

## (III) Reptiles

- 278a *Uromastix thomasi* Parker. Thomas's Dabb Lizard. Persian Gulf  
 434g *Pseudotyphlops philippinus* (Cuvier). Kelaart's Earth Snake. Ceylon  
 494a *Opisthotropis andersoni* (Boulenger). Anderson's Snake. Hong Kong  
 547a *Coluber rhodorhachis subniger* (Boettger). African Racer. Somaliland Protectorate  
 568c *Leimadophis parvifrons* (Cope). Small-fronted Fugitive Snake. Brazil  
 568d *Leimadophis juliae* (Cope). Julia's Fugitive Snake. West Indies  
 610e *Enhydris chinensis* (Gray). Chinese Water Snake. Hong Kong  
 716b *Agkistrodon rhodostoma* (Boie). Malayan Pit Viper. Malaya  
 735a *Crotalus lepidus* (Kennicott). Rock Rattlesnake. West Texas to South Arizona

## (IV) Amphibians

- 66b *Bufo guttatus* (Schneider). Corn Toad. British Guiana  
 98i *Hyla taurina* (Steindachner). Taurine Tree Frog. British Guiana  
 103b *Gastrotheca marsupiatum* (Dumeril & Bibron). Marsupial Frog. Ecuador and Peru  
 158b *Dendrobates trivittatus* (Spix). South American Striped Poison Frog. British Guiana

## (V) Fishes

- Neoborus ornatus* Boulenger. Scissor-mouthed Characin. Upper Congo  
*Rasbora maculata* Duncker. Spotted Rasbora. Malaya  
*Eleotris fusca* (Block & Schneider). Small-spotted Eleotris. Malaya  
*Mogurnda mogurnda* (Richardson). Purple-striped Gudgeon. Australia  
*Macrorhamphosus scolopax* (L.). Snipe Fish. Madeira  
*Tetrodon mbu* Boulenger. Puffer Fish. Congo

\* Died a few hours after arrival

## APPENDIX III.

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

- Ackerman, Mrs., 1 Fox  
 Agriculture, Fisheries & Food, The Ministry of, 1 Fox  
 Aistrop, J., 1 Collared Lizard, 1 Spiny Fence Lizard, 3 Harlan's Horned Lizards  
 Anderson, E., 1 Carolina Anolis Lizard, 1 Algerian Skink, 1 Green Lizard  
 Ansell, Mrs. D. M., 1 Flap-necked Chameleon  
 Antwerp, The Royal Zoological Society of, 3 Red-crested Bustards  
 Ashford, J. C., 2 Budgerigars  
 Atkinson, Master S., 3 House Mice  
 Attenborough, David, 1 Ring-tailed Coati  
 Austin, Mrs. M. G., 1 Red-faced Lovebird
- Barber, L. J. C., Martin, D. H., & Neil, R. L., 1 Black-footed Penguin  
 Barraclough, R., 1 Puffin  
 Battell, H., 1 Ferret  
 Berry, Mrs. E. J., 3 Guinea Pigs  
 Birkenmeyer, E., 5 African Lungfish  
 Blackwell, Mrs. Y., 1 Leopard Cat  
 Blair, T. G., Luard, T. & Thomas, M., 1 Carrion Crow  
 Bond, R. A. L., 1 Budgerigar  
 Booth, Dr. Gordon, 1 Husky Dog  
 Bratley, Lieut.-Col. K., 1 Leopard Cat  
 Broad, Master Derek, 1 Quail  
 Brown, J. H., 1 Razorbill  
 Brownsdon, Major T. E., 3 Manx Loghtan Sheep  
 Buckmaster, J., 1 Sooty Mangabey  
 Bull, R. A., 1 Grey Parrot  
 Burn, F., 2 Budgerigars  
 Bustard, Robert, 1 Small-fronted Fugitive Snake, 1 Herald Snake, 1 Rhomb-marked Snake
- Caplan, Master Richard and Miss Susan, 2 Budgerigars  
 Carter, G., 1 Shag  
 Cave, B., 12 Budgerigars, 1 Southern Golden Plover  
 Chaplin, The Hon. Niall, 1 Hybrid Common  $\times$  Lady Amherst's Pheasant  
 Chapman, Howard, Limited, 1 Tree Frog  
 Chesney, Lieut.-Col. D., 1 Greek Tortoise  
 Chippendale, W. H., c.m.z.s., 2 Petz's Conures, 18 Tovi Parrakeets, 1 White-browed Parrot  
 City Police, 1 Aldrovandi's Snake  
 Clancy, L. P., 2 Budgerigars  
 Clarke, Bryan C., 1 Barbary Ground Squirrel  
 Clore, Charles, 3 Common Peafowl  
 Compton, Mrs. N. E., 1 Spectacled Cayman  
 Cook, Mrs., 1 Flap-necked Chameleon  
 Copenhagen, Zoological Gardens, 1 Redshank, 1 Bar-tailed Godwit, 1 Dunlin, 2 Ringed Plovers, 1 Oyster-Catcher, 1 Turnstone  
 Crawley, Michael, 1 Spanish Terrapin, 1 European Pond Tortoise
- Davies, Mrs. H., 1 Avadavat Finch  
 Day, Miss Sylvia and Master Reggie, 2 Golden Hamsters

Denny, Mrs. H., C.B.E., J.P., 1 Blue-crowned Hanging Parrakeet  
 De Witt, C. W., 1 Red-beaked Weaver Bird  
 Dobson, Mrs. P. M., 2 Budgerigars  
 Doyle, Miss P. M., 1 Pekin Robin  
 Drummond, Mrs., 1 Black-throated Chukor  
 Duffy, E. A. J., 14 Moreau's Geckoes, 11 Margouillat Lizards  
 Durrell, G. M., 2 Long-eared Hedgehogs

Everitt, Mrs. C. M., 30 Budgerigars  
 Eyre, R., 1 Crab-eating Monkey

Farmer, H., 1 Argus Gecko  
 Feilding, The Rt. Hon. The Viscount, 1 European Turtle Dove  
 Field, Dr. Henry, 1 John's Sand Boa, 1 Fishing Snake, 3 Gray's Rat Snakes,  
 3 Diadem Snakes, 1 Common Indian Cat Snake, 1 Leith's Snake, 4 Carpet  
 Vipers  
 Flewin, Master J., 2 Golden Hamsters  
 Foster, C., 1 European Badger  
 Foulks, H., 1 Polish Bantam  
 Foulsham, A., 1 Egyptian Cobra  
 Fox, G., 1 Common Perch  
 Freestone Limited, 1 Commoody Snake  
 Freville, Captain G. M. de, 1 Siamang  
 Frodsham, J., 1 Southern Hill Myna, 1 Lesser Orange-breasted Green Pigeon  
 Furnival, Mrs. D., 1 Forest Senegal Kingfisher

Gales, A. W., 1 Vervet Monkey, 1 Bushy-tailed Galago  
 General Post Office, Returned Letter Section, 3 Spotted-headed Snakes  
 Geyskes, Dr. D. C., 18 Surinam Toads  
 Gibson, A. E., 1 Commoody Snake  
 Gibson, Mrs. B., 2 Fraser's Eagle Owls  
 Giles, Miss Thelma, 4 Norwegian Bank Voles  
 Glasier, Phillip, 1 Lapwing  
 Grace, C. F., 1 Maxwell's Duiker  
 Granby, His Worship The Mayor of, 2 Canadian Beavers  
 Grant, R., 2 Chinchillas  
 Grimwood, E., 1 Goat  
 Grogan, Flying Officer G. C., 3 Indian River Snakes, 6 Painted Tree Snakes,  
 4 Emerald Tree Snakes, 4 Ornate Tree Snakes, 2 Indian Cobras  
 Gunning, Mrs. M., 2 Dormice

Haas, Dr. Georg, 2 Starred Lizards  
 Harris, A. W., 1 Flap-necked Chameleon  
 Harrison, D. J., 1 African Racer, 1 Egyptian Cobra, 2 Carpet Vipers  
 Harwood, W. G., 3 Guppies, 2 Black Dorsal Catfish, 1 Beacon Fish, 2 Black  
 Widow Fish, 1 Hyphessobrycon, 2 Zebra Fish  
 Hastings, Macdonald, 2 Blotched Genets  
 Hawke, E. H., 2 Southern Brown-headed Parrots  
 Hendrickson, J. R., 1 Malay Tree Shrew  
 Hinkley, B., 3 Budgerigars  
 Holtham, Miss B., 1 Puffin  
 Hook, Raymond, C.M.Z.S., 1 Mackinder's Hyrax  
 Hopper, A. L., 3 Sand Lizards  
 Houndsworth, G., 1 Common Tench  
 Howe, Mr., 1 Golden Hamster

Hubert, Miss P., 3 Guinea Pigs  
 Hudson, G. E. C., 8 Egyptian Geckoes  
 Hudson, H. P., 5 Pig-like Cavies, 2 Hybrid Guinea Pig  $\times$  Pig-like Cavies  
 Hutton, Angus F., 1 River-Jack Viper  
 Hyams, P., 1 Squirrel Monkey

Ionides, C. J. P., c.m.z.s., 3 Flap-necked Chameleons, 3 Meller's Chameleons,  
 1 Robust Plated Lizard, 1 Greater Plated Lizard, 14 Yellow-throated  
 Plated Lizards, 1 Herald Snake, 1 Rhomb-marked Snake, 2 Peter's Long-  
 line Snakes, 2 African Sand Snakes, 5 Kirtland's Tree Snakes, 1 Boomslang,  
 3 Black-necked Cobras, 12 Andrew Smith's Green Mambas, 2 Puff Adders,  
 4 Gaboon Vipers  
 Ipswich Museum, The Curator of the, 1 Julia's Fugitive Snake  
 Ives, Mrs., 1 Guinea Pig

Jackson, Miss Susan, 1 Mississippi Alligator  
 Johnson, Miss L., 1 Budgerigar  
 Johnston, J. I. H., 1 Angwantibo  
 Jones, Miss G., 1 Budgerigar  
 Jones, S., 2 Chinchillas  
 Jordan, F., 1 Red-headed Cardinal

Kind, Mrs. W., 1 Pekin Robin  
 King, Samuel, Limited, 1 Garden Tree Boa  
 Kyle, J. D., 1 Noctule Bat

Lamb, Mrs. V. L., 11 Budgerigars  
 Leckford Estates Limited, 1 Falcated Teal  
 Leney, D. F., 1 Golden Orfe, 1 Golden Carp, 1 Golden Rudd  
 Lewis, James, 1 Greater Sulphur-crested Cockatoo  
 Lewis, Mrs. P. M., 1 Senegal Chameleon  
 Linney, Mrs., 1 Fischer's Lovebird  
 Locke, D., 1 Buzzard  
 London County Council (Parks Department), 1 Soay Sheep  
 Lymm, H. Q., 1 Sucking Catfish

McCarthy, Desmond, 5 Harvest Mice  
 McTurk, Master Mickey and Miss Diane, 1 Margay, 2 Savannah Rats,  
 1 Black-throated Cardinal, 1 Cascabel Rattlesnake  
 Maguire, Miss Wendy, 1 Slow Loris  
 Marchant, Mrs. W. E., 1 Greek Tortoise  
 Marriott, Mrs. S. F., 1 Chimpanzee  
 Marshall, A. C. F., 1 Pileated Jay  
 Martins, João de Freitas, c.m.z.s., 21 Canaries  
 Mason, Mrs. W., 1 Tasmanian Wombat  
 Masters, K. S., 1 Lion  
 Mayer, Mrs. L., 1 Golden Hamster  
 Miller, P. L., 2 Garden Dormice  
 Moore, Miss D., 1 Greek Tortoise  
 Morton, A., & Sons Limited, 1 Common Tench

Nash, P., 2 Black Sharks  
 Nicholls, C., 1 Korin Gazelle  
 Nixon, Mrs., 2 Greek Tortoises

- O'Donoghue, Dr. R., 1 Budgerigar  
 O'Feely, Miss M., 1 Rabbit  
 Owen, J., 1 Common Tench
- Paget, R. T., Q.C., M.P., 1 Great Crested Grebe  
 Palmer, A., 1 Long-nosed Tree Snake  
 Parker, C. G., 1 Common Tench  
 Parker, G., 1 Fox  
 Parsons, W. J., 2 Himalayan Rabbits  
 Penkethman, Mr., 27 Guinea Pigs  
 People's Dispensary for Sick Animals, Incorporated, 1 Moorish Gecko  
 Perryman, Mr., 1 Ring-necked Parrakeet  
 Petre, Mrs. H., 1 Zebra Finch  
 Phillips, Eric J., 3 Marbled Syclop Lizards, 1 Warty Hyla, 1 Blacksmith Tree Frog  
 Phillips, W. W. A., 1 Slender Loris, 2 Kelaart's Earth Snakes  
 Pickett, Mrs. E., 2 Greenfinches  
 Piggott, Miss P., 1 Greek Tortoise  
 Poole, Mr., 1 Margouillat Lizard  
 Prague, The Zoological Gardens, 2 Hungarian Skinks, 4 Smooth Snakes  
 Prested, Ian, 1 Red-throated Parrot
- Quincey, R. de Q., 1 Large Minivet
- Randau, G., 1 Frilled Coquette, 4 Sun Gems  
 Raynsford, Messrs., 1 Warty Hyla  
 Reed, N., 9 Budgerigars  
 Reeves, T. W. K., 1 Fox  
 Reid, O. J., 2 Small-spotted Eleotris, 2 Long-snouted Eleotris  
 Rennie, D. P., 1 Sun Squirrel  
 Rice, D. S., 1 Golden Hamster  
 Robins, Master Geoffrey, 2 Golden Hamsters (Cream Var.), 1 Golden Hamster (Albino)  
 Robinson, Mrs. J. E., 24 Budgerigars  
 Robotham, R. M., 3 Caspian Terrapins, 1 Starred Lizard  
 Romer, J. D., C.M.Z.S., 1 Anderson's Snake, 5 Chinese Water Snakes
- Sayer, P. D., 1 Spectacled Cayman  
 Scott, Peter, C.B.E., D.S.C., 3 Moorish Geckoes, 3 Egyptian Changeable Lizards, 1 Spanish Fringe-fingered Lizard  
 Scrymgeour, Captain, 1 Blue-fronted Parrot  
 Searle, Squadron-Leader K. C., 1 Slow Loris, 4 Malayan Glossy Starlings, 1 Malaysian Black-naped Oriole, 2 Macklot's Sunbirds, 2 Malayan Yellow-breasted Sunbirds, 1 Malaccan Sunbird, 2 Red-flanked White-Eyes, 1 Red-sided Titmouse, 1 Daurian Redstart, 1 Melodious Jay Thrush, 1 Large Olive Bulbul, 1 Lesser Blue-winged Pitta, 1 Malayan White-collared Kingfisher, 1 Rosy-headed Parrakeet, 1 Burmese Slaty-headed Parrakeet, 4 Nicobar Parrakeets, 3 Malaccan Parrakeets, 2 Little Green Herons, 1 Bronze-winged Jacana, 1 Blue-breasted Banded Rail, 1 Eastern White-breasted Waterhen, 1 Eastern Grey-headed Gallinule, 2 Nutmeg Fruit Pigeons, 4 Red-crested Wood Quails, 1 Two-wattled Cassowary  
 Sedgley, Mrs., 1 Java Sparrow  
 Seggar, W., 1 Red-fronted Woodpecker, 1 Trinidad Pygmy Owl  
 Selwyn, Mrs. E. G., 1 Orange-headed Ground Thrush

Shillcock, F., 9 Budgerigars  
 Shrimpton, Mrs. W. H., 1 Red-masked Conure  
 Sibley, A. E., 1 Grey-headed Sparrow, 3 Golden-crowned Sparrows, 1 Gambell's Sparrow, 1 Fox Sparrow, 2 Redstarts, 2 Greenland Wheatears  
 Simons, Mrs., 1 Rabbit  
 Simpson, D., 2 Marmosets  
 Slade, Miss Madeleine, 2 Budgerigars  
 Sladen, Dr. W. J. L., M.B.E., 8 Proteus  
 Smart, Mr., 8 Water Voles  
 Smart, W. G., 1 Lion  
 Smith, The Misses Ann and Joan, 1 Flap-necked Chameleon  
 Smith, Mrs. J. M., 3 Bosman's Pottos, 1 Gambian Tree Squirrel, 1 African Brush-tailed Porcupine  
 Smith, Dr. Malcolm, 2 Greater Indian Rat Snakes  
 Sole, Mrs. H. S., 1 Blackbird, 1 Indian Shama  
 Southern, H. N., 6 Harvest Mice  
 Steinbeck, J. W., 16 American Flying Squirrels  
 Steinberg, Masters Roger and Geoffrey, 1 Guinea Pig  
 Stennet, Mrs. F. Barratt-, 1 Spectacled Cayman  
 Stigner, J. M., 44 Common Goldfish  
 Still, Robin, 1 Nigerian Rock Hyrax  
 Stirling, Mrs. E., 1 Red Squirrel  
 Stoker, J., 3 Mother-of-Pearl Cichlids

Taylor, A. J. F., 1 European Hare  
 Taylor, Mrs. R. C., 2 Tui Parrakeets  
 Tozer, Miss Mary, 2 Java Sparrows, 2 Three-coloured Mannikins, 2 Golden-breasted Waxbills, 1 Crimson-eared Waxbill, 2 Canaries, 11 Budgerigars  
 Trinidad and Tobago, The Zoological Society of, 3 Yellow-winged Sugar Birds, 1 Purple Sugar Bird, 1 Black-headed Sugar Bird  
 Tweedie, G. C., F.R.C.S., 1 Wild Boar

Underwood, Garth, 4 Clouded Iguanas

Vacuum Oil Company, The, 1 Kingfisher  
 Vevers, Mrs. G. M., 3 Fat Dormice

Walton, T., & Co., Limited, 1 Delalande's Gecko  
 Watkins & Doncaster, 2 Moorish Geckoes  
 Wellsted, Major Ian G., 1 Malayan Pit Viper  
 Whitaker, Mrs. V. Carr-, 1 Canary (Red factor)  
 White, A. H., 2 Budgerigars  
 White, P. G., 1 Common Carp  
 Whiting, Master Peter, 1 Natal Terrapin  
 Wilson, Mrs., 2 Fischer's Lovebirds  
 Wooley, C. W., 1 Thomas's Dabb Lizard  
 Works, The Ministry of, 1 Tufted Duck  
 Worton, W., 1 Green Monkey

Young, J., 46 Wasp Gobies  
 Young, Mr., 1 Water Rail

Zimmer, Mrs. E. G., 1 Ring-necked Parrakeet

## APPENDIX IV.

## LIST OF ANIMALS BORN AT REGENT'S PARK

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

## Mammals

1 Chimpanzee	3 Chinchillas (2)
2 Marmosets (2)	105 Guinea Pigs (5)
4 Black-pencilled Marmosets	3 European Hares
1 Straw-coloured Fruit Bat (1)	7 Mouflon
1 Tiger (1)	31 Domestic Sheep (2)
1 Leopard (1)	5 Barbary Wild Sheep
2 Ocelots	35 Goats
2 Blotched Genets	1 Beisa Oryx
10 Dingoes (6)	1 Hog Deer (1)
2 Foxes	1 Reindeer (1)
10 Ferrets (1)	1 Bactrian Camel (1)
3 American Martens	1 Llama (1)
1 Californian Sea Lion	1 Six-banded Armadillo (1)
1 Variegated Agouti	1 Bennett's Wallaby

1955

## Birds

1 Canary (1)	1 King Penguin
2 Indian Shamas	3 Black-footed Penguins
5 Quaker Parrakeets (1)	1 Grey-headed Gallinule
2 Green-winged King Parrakeets	1 White-crested Kalij Pheasant
4 Masked Lovebirds	2 Black Kalij Pheasants
3 Cockatiels (1)	2 Chinese Silver Pheasants
1 Canada Goose	1 Reeves's Pheasant
5 Upland Geese (2)	2 Golden Pheasants
5 Egyptian Geese	7 Lady Amherst's Pheasants
1 Paradise Sheld-Duck	2 Sonnerat's Jungle Fowl
2 Silver Gulls	4 Ceylon Jungle Fowl
4 Herring Gulls	

$$\begin{array}{r} 12 \\ 14 \\ \hline 26 \end{array}$$

- 26

## Reptiles

8 African Pythons	2 John's Sand Boas (1)
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- 5

## APPENDIX V.

## LIST OF ANIMALS RECEIVED AT REGENT'S PARK

(Presented, Purchased, Received in Exchange, Deposited, Born in the Menagerie and Collected)

## Mammals

## Order Primates

4 Chimpanzees	1 Green Monkey
1 Siamang	1 Vervet Monkey
3 Brazza's Monkeys	1 Sooty Mangabey
2 Stuhlmann's Monkeys	1 Crab-eating Monkey

- 4 Rhesus Monkeys  
 2 Guinea Baboons  
 1 Drill  
 2 Three-banded Douroucoulis  
 3 Squirrel Monkeys  
 2 White-fronted Capuchin Monkeys  
 1 Brown Capuchin Monkey  
 2 Variegated Spider Monkeys  
 4 Marmosets  
 4 Black-pencilled Marmosets  
 2 Pygmy Marmosets  
 3 White-footed Marmosets  
 2 Red-handed Tamarin Monkeys  
 2 Pinché Marmosets  
 4 Slender Loris  
 3 Slow Loris  
 3 Bosman's Pottos  
 1 Angwantibo  
 1 Bushy-tailed Galago  
 2 East African Galagoes  
 1 Demidoff's Galago
- Order Menotyphla  
 1 Malay Tree Shrew
- Order Lipotyphla  
 2 European Hedgehogs  
 5 Long-eared Hedgehogs
- Order Chiroptera  
 1 Straw-coloured Fruit Bat  
 1 Noctule Bat
- Order Carnivora  
 6 Lions  
 3 Tigers  
 1 Leopard  
 1 Spanish Lynx  
 2 Pumas  
 2 Leopard Cats  
 3 Ocelots  
 1 Margay  
 1 Cheetah  
 5 Blotched Genets  
 3 Masked Palm Civets  
 2 Binturongs  
 2 Husky Dogs  
 10 Dingoes  
 6 Foxes  
 1 Crab-eating Fox  
 1 Spot-necked Otter  
 1 Indian Otter  
 12 Ferrets  
 1 Polecat-Ferret
- 3 American Martens  
 1 Tayra  
 1 European Badger  
 1 Kinkajou  
 1 Ring-tailed Coati
- Order Pinnipedia  
 1 Californian Sea Lion
- Order Rodentia  
 16 American Flying Squirrels  
 1 Red Squirrel  
 1 Gambian Tree Squirrel  
 1 Sun Squirrel  
 1 Barbary Ground Squirrel  
 2 Canadian Beavers  
 2 Garden Dormice  
 3 Fat Dormice  
 2 Dormice  
 10 Golden Hamsters  
 2 Nilgiri Long-tailed Tree Mice  
 2 Savannah Rats  
 3 House Mice  
 11 Harvest Mice  
 4 Norwegian Bank Voles  
 8 Water Voles  
 14 Kenya Mole Rats  
 1 African Brush-tailed Porcupine  
 1 Brazilian Tree Porcupine  
 1 Spotted Cavy  
 2 Orange-rumped Agoutis  
 1 Variegated Agouti  
 7 Chinchillas  
 146 Guinea Pigs  
 2 Hybrid Guinea Pig × Pig-like Cavy  
 5 Pig-like Cavies  
 3 Capybaras
- Order Lagomorpha  
 4 European Hares  
 7 Rabbits
- Order Hyracoidea  
 1 Mackinder's Hyrax  
 1 Nigerian Rock Hyrax
- Order Perissodactyla  
 2 Shetland Ponies  
 1 East African Zebra  
 1 Donkey  
 2 White Rhinoceros  
 1 Brazilian Tapir
- Order Artiodactyla  
 3 Yak  
 2 Cape Buffalo



- 35 Domestic Sheep
- 7 Mouflon
- 5 Barbary Wild Sheep
- 37 Goats
- 1 Kongoni
- 2 White-bearded Gnus
- 1 Red-flanked Duiker
- 1 Maxwell's Duiker
- 1 Northern Waterbuck
- 7 Saiga Antelopes
- 1 Korin Gazelle
- 2 Grant's Gazelles
- 2 Beisa Oryx
- 3 Harnessed Antelopes
- 4 Nylghaie
- 3 Hog Deer
- 1 Formosan Deer
- 1 Reindeer
- 4 Arabian Camels

- 1 Bactrian Camel
- 1 Llama
- 1 Wild Boar
- 3 Wart Hogs
- 1 White-lipped Peccary

## Order Sirenia

- 2 West Indian Manatees

## Order Xenarthra

- 3 Great Anteaters
- 1 Tamandua Anteater
- 1 Six-banded Armadillo

## Order Marsupialia

- 1 Red Kangaroo
- 1 Bennett's Wallaby
- 1 Tasmanian Wombat
- 1 Rat-tailed Opossum

## Birds

## Order Passeriformes

- 1 Carrion Crow
- 1 Chinese Blue Pie
- 1 Pileated Jay
- 3 Cayenne Jays
- 1 Southern Hill Myna
- 1 Nias Island Myna
- 4 Malayan Glossy Starlings
- 3 Yellow-billed Oxpeckers
- 1 Malaysian Black-naped Oriole
- 2 Great Green Cacicques
- 4 Glossy Cowbirds
- 1 Golden-headed Marsh Bird
- 3 Cayenne Red-breasted Marsh Birds
- 2 Yellow-crowned Troupials
- 3 Golden Hangnests
- 2 Yellow-backed Hangnests
- 1 Swainson's Grackle
- 1 Abyssinian Black-&-Yellow Bishop
- 1 Red-beaked Weaver Bird
- 1 Zebra Finch
- 1 Avadavat Finch
- 3 Java Sparrows
- 2 Three-coloured Mannikins
- 1 Chestnut-breasted Finch
- 2 Golden-breasted Waxbills
- 1 Crimson-eared Waxbill
- 4 Lesser Rufous-headed Tanagers
- 4 Blue Tanagers
- 2 Palm Tanagers

- 1 Magpie Tanager
- 5 Yellow-winged Sugar Birds
- 1 Purple Sugar Bird
- 1 Black-headed Sugar Bird
- 2 Greenfinches
- 1 Lavender-backed Finch
- 5 Fire-red Finches
- 5 Lined Finches
- 2 Virginian Cardinals
- 1 Grey-headed Sparrow
- 25 Canaries
- 3 Golden-crowned Sparrows
- 1 Gambell's Sparrow
- 2 Macconnell's Song Sparrows
- 1 Fox Sparrow
- 1 Red-headed Cardinal
- 1 Black-throated Cardinal
- 2 Macklot's Sunbirds
- 2 Malayan Yellow-breasted Sunbirds
- 1 Grauer's Sunbird
- 4 Pemba Island Sunbirds
- 2 Pemba Olive Sunbirds
- 1 Malaccan Sunbird
- 4 Red-flanked White-Eyes
- 3 White Nile Yellow White-Eyes
- 1 Red-sided Titmouse
- 1 Black-headed Butcher Crow
- 1 Orange-headed Ground Thrush
- 1 Blackbird
- 2 Redstarts

- 1 Daurian Redstart
- 1 Malay Shama
- 4 Indian Shamas
- 2 Greenland Wheatears
- 1 Graceful Mocking Bird
- 1 Black-capped Mocking  
Thrush
- 1 Melodious Jay Thrush
- 1 Ruwenzori Hill Babbler
- 2 Pekin Robins
- 1 Large Olive Bulbul
- 1 Large Minivet
- 1 Verditer Flycatcher
- 1 Lesser Blue-winged Pitta
- 1 Red-headed Manakin
- 1 Cock-of-the-Rock

Order Eurylaimiformes

- 2 Red-billed Toucans

Order Piciformes

- 1 Red-fronted Woodpecker

Order Coccygiformes

- 1 Coucal (Juvenile specimen—  
species not yet identified)

Order Coraciiformes

- 3 Blue-chinned Humming Birds
- 1 Brazilian Swallow-tailed  
Humming Bird
- 8 Pucheran's Emerald Humming  
Birds
- 1 Roraima Emerald Humming  
Bird
- 2 Long-tailed Humming Birds
- 1 Stripe-breasted Star-throat  
Humming Bird
- 3 Lesson's Emerald Humming  
Birds
- 1 White-bellied Emerald Hum-  
ming Bird
- 2 Ruby-and-Topaz Humming  
Birds
- 1 Frilled Coquette
- 4 Sun Gems
- 1 Kingfisher
- 1 Forest Senegal Kingfisher
- 1 Malayan White-collared  
Kingfisher

Order Psittaciformes

- 1 Violet-necked Lory

- 3 Blue-and-Yellow Macaws
- 2 Red-bellied Macaws
- 1 Scarlet Macaw
- 4 Green-winged Macaws
- 1 Military Macaw
- 1 Hahn's Macaw
- 1 Red-masked Conure
- 1 Yellow Conure
- 7 Brown-throated Conures
- 2 Petz's Conures
- 5 Quaker Parrakeets
- 9 Blue-winged Parrotlets
- 18 Tovi Parrakeets
- 2 Tui Parrakeets
- 3 Mealy Parrots
- 1 Orange-winged Parrot
- 1 Blue-fronted Parrot
- 1 Dufresne's Parrot
- 1 Festive Parrot
- 1 White-browed Parrot
- 1 Salle's Parrot
- 1 Red-throated Parrot
- 2 Red-vented Parrots
- 1 Hawk-headed Parrot
- 4 Black-headed Caiques
- 2 Southern Brown-headed  
Parrots
- 2 Grey Parrots
- 2 Ring-necked Parrakeets
- 1 Rosy-headed Parrakeet
- 1 Burmese Slaty-headed  
Parrakeet
- 4 Nicobar Parrakeets
- 3 Malaccan Parrakeets
- 2 Green-winged King  
Parrakeets
- 1 Red-faced Lovebird
- 3 Fischer's Lovebirds
- 4 Masked Lovebirds
- 1 Blue-crowned Hanging  
Parrakeet
- 185 Budgerigars
- 2 Greater Sulphur-crested  
Cockatoos
- 3 Cockatiels

Order Strigiformes

- 2 Cayenne Owls
- 1 Tawny Owl
- 2 Fraser's Eagle Owls
- 1 Short-winged Burrowing Owl
- 1 Trinidad Pygmy Owl

Order Accipitriformes

- 1 Egyptian Vulture

- 1 Goshawk
- 1 White Goshawk
- 1 Buzzard
- 2 Isabelline Kestrels

## Order Pelecaniformes

- 1 Shag

## Order Anseriformes

- 1 Canada Goose
- 5 Upland Geese
- 4 White-faced Tree Ducks
- 5 Egyptian Geese
- 1 Paradise Sheld-Duck
- 1 Gadwall
- 1 Falcated Teal
- 1 Pochard
- 2 Scaup
- 1 Tufted Duck

## Order Ardeiformes

- 2 Little Green Herons
- 2 Grey-winged Trumpeters

## Order Opisthocomiformes

- 2 Hoatzins

## Order Charadriiformes

- 3 Red-crested Bustards
- 2 Great Bustards
- 1 Double-striped Thicknee
- 1 Redshank
- 1 Bar-tailed Godwit
- 1 Dunlin
- 1 Southern Golden Plover
- 2 Ringed Plovers
- 1 Lapwing
- 1 Oyster-catcher
- 1 Turnstone
- 1 Bronze-winged Jacana
- 2 Egyptian Plovers

## Order Lariformes

- 2 Silver Gulls
- 4 Herring Gulls

## Order Alciformes

- 1 Razorbill
- 2 Puffins

## Order Sphenisciformes

- 1 King Penguin
- 2 Macaroni Penguins
- 4 Black-footed Penguins

## Order Podicipidiformes

- 2 Great Crested Grebes

## Order Ralliformes

- 1 Water Rail
- 1 Blue-breasted Banded Rail
- 1 Eastern White-breasted Water-hen
- 1 Venezuelan Red-faced Crake
- 1 Moorhen
- 1 Grey-headed Gallinule
- 1 Eastern Grey-headed Gallinule

## Order Columbiformes

- 1 Lesser Orange-breasted Green Pigeon
- 3 Nutmeg Fruit Pigeons
- 4 Speckled Pigeons
- 1 Rufous Pigeon
- 1 European Turtle Dove
- 10 Talpacoti Ground Doves
- 2 Cape Doves
- 1 Red Ground Dove

## Order Galliformes

- 1 Black-throated Chukor
- 5 Red-crested Wood Quail
- 1 Quail
- 2 Chinese Painted Quail
- 2 Impeyan Pheasants
- 2 Crimson Horned Tragopans
- 1 White-crested Kalij Pheasant
- 2 Black Kalij Pheasants
- 2 Chinese Silver Pheasants
- 1 Hybrid Common × Lady Amherst's Pheasant
- 2 Reeves's Pheasants
- 4 Golden Pheasants
- 7 Lady Amherst's Pheasants
- 2 Sonnerat's Jungle Fowl
- 4 Ceylon Jungle Fowl
- 2 Argus Pheasants
- 3 Common Peafowl
- 3 Crested Curassows
- 1 Grant's Guan

*Domestic*

- 1 Polish Bantam

## Order Casuariiformes

- 3 Two-wattled Cassowaries

## Order Struthioniformes

- 1 Masai Ostrich

## Reptiles

## Order Testudinata

- 3 Painted Terrapins
- 3 Ornate Terrapins
- 2 Erie Map Terrapins
- 3 Caspian Terrapins
- 1 Spanish Terrapin
- 1 European Pond Tortoise
- 6 Greek Tortoises
- 4 Brazilian Tortoises
- 1 Natal Terrapin
- 1 Matamata Terrapin

## Order Loricata

- 2 Nile Crocodiles
- 4 Mississippi Alligators
- 3 Spectacled Cayman

## Order Sauria

- 14 Moreau's Geckoes
- 1 Marbled Gecko
- 6 Moorish Geckoes
- 8 Egyptian Geckoes
- 1 Delalande's Gecko
- 1 Argus Gecko
- 1 Carolina Anolis Lizard
- 3 Marbled Syrclop Lizards
- 1 Wied's Ring-necked Lizard
- 1 Plica Lizard
- 12 Iguanas
- 4 Clouded Iguanas
- 5 Collared Lizards
- 1 Spiny Fence Lizard
- 3 Harlan's Horned Lizards
- 3 Egyptian Changeable Lizards
- 12 Margouillat Lizards
- 3 Starred Lizards
- 1 Bearded Lizard
- 2 Bell's Dabb Lizards
- 1 Thomas's Dabb Lizard
- 2 Senegal Chameleons
- 7 Flap-necked Chameleons
- 2 Two-banded Chameleons
- 3 Meller's Chameleons
- 2 Northern Blue-tongued Skinks
- 1 African Blue-tailed Skink
- 1 Orange-flanked Skink
- 2 Hungarian Skinks
- 1 Algerian Skink
- 2 Eyed Skinks
- 1 Audouin's Sand Skink
- 1 Robust Plated Lizard
- 1 Greater Plated Lizard
- 14 Yellow-throated Plated Lizards

- 3 Sand Lizards
- 1 Green Lizard
- 1 Spanish Fringe-fingered Lizard
- 1 Schreiber's Fringe-fingered Lizard
- 6 Black-pointed Tegus
- 2 White Burrowing Lizards
- 1 Bosc's Monitor

## Order Serpentes

- 2 Kelaart's Earth Snakes
- 9 African Pythons
- 1 Indian Python
- 1 Rainbow Boa
- 1 Garden Tree Boa
- 3 Anacondas
- 1 Emperor Boa
- 2 Javelin Sand Boas
- 3 John's Sand Boas
- 4 Indian River Snakes
- 1 Surinam Snake
- 1 Anderson's Snake
- 3 Spotted-headed Snakes
- 2 Greater Indian Rat Snakes
- 1 Cainana Rat Snake
- 1 Corn Snake
- 1 Aldrovandi's Snake
- 2 Dahl's Whip Snakes
- 3 Gray's Rat Snakes
- 3 Diadem Snakes
- 1 African Racer
- 2 Commoody Snakes
- 6 Painted Tree Snakes
- 1 Spotted Leaf Snake
- 1 Small-fronted Fugitive Snake
- 1 Julia's Fugitive Snake
- 2 Hog-nosed Snakes
- 4 Smooth Snakes
- 2 Milk Snakes
- 5 Chinese Water Snakes
- 1 Cat Snake
- 1 Common Indian Cat Snake
- 1 Black-and-Gold Tree Snake
- 3 Herald Snakes
- 2 Rhomb-marked Snakes
- 1 Leith's Snake
- 2 Peter's Long-line Snakes
- 2 African Sand Snakes
- 4 Emerald Tree Snakes
- 1 Long-nosed Tree Snake
- 5 Kirtland's Tree Snakes
- 1 Boomslang
- 4 Ornate Tree Snakes

- 1 Red-and-Black Coral Snake
- 2 Egyptian Cobras
- 1 Yellow Cobra
- 3 Black-necked Cobras
- 4 Indian Cobras
- 2 Harlequin Coral Snakes
- 12 Andrew Smith's Green  
Mambas
- 2 Puff Adders
- 4 Gaboon Vipers

- 1 River-Jack Viper
- 6 Carpet Vipers
- 1 Malayan Pit Viper
- 1 Fer-de-Lance
- 1 Cascabel Rattlesnake
- 4 Western Diamond-back  
Rattlesnakes
- 2 Prairie Rattlesnakes
- 1 Rock Rattlesnake

## Amphibians

## Order Gradientia

- 8 Proteus
- 2 Japanese Newts

## Order Salientia

- 19 Surinam Toads
- 2 Common African Toads
- 1 Corn Toad
- 1 Granulated Toad
- 1 Tree Frog (not yet identified)

- 3 Warty Hylas
- 1 Daudin's Hyla
- 1 Doumerc's Hyla
- 1 Blacksmith Tree Frog
- 1 Taurine Tree Frog
- 3 Marsupial Frogs
- 1 African Bull Frog
- 1 South American Striped Poison  
Frog

## APPENDIX VI.

## LIST OF DONORS OF ANIMALS TO WHIPSNADE PARK

- Cobbin, E., 1 Common Pheasant  
 Cogswell, Mrs., 1 Golden Pheasant  
 Corporation of London, The, 3 Fallow Deer  
 Cox, Miss S., 1 Greek Tortoise  
 Crouch, Mr., 1 Golden Pheasant
- Edwards, Mrs., 6 Guinea Pigs
- Ford, G., 15 Budgerigars
- Gallop, Mrs. D., 1 Zebra Finch, 2 Avadavat Finches, 2 Crimson-eared Wax-  
bills
- Graham, Lady M., 1 Bare-eyed Cockatoo
- Greenop, Mrs., 1 New Forest Pony
- Jenkins, G., 2 Ring-necked Parrakeets
- Maxwell, P. H., 1 Goffin's Cockatoo
- Ollenbach, Mrs. I. J., 1 Striped Hyaena
- Staples, A., 2 Lions
- Tanner, Mrs. W., 2 Dexter Cattle
- Vevers, Mrs. G. M., 3 Fat Dormice
- White, Mr., 10 Guinea Pigs
- Bequest of the late Major Albert Pam, O.B.E., M.A., F.L.S., V.M.H., 1 Chinese  
Water Deer, 29 Bennett's Wallabies, 4 Red Jungle Fowl

## APPENDIX VII.

## LIST OF ANIMALS BORN AT WHIPSNADDE PARK

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

## Mammals

1 Rhesus Monkey (1)	1 Cotton's × Baringo Giraffe
3 Lions	1 Reticulated Giraffe
33 Husky Dogs (6)	6 Muntjac
8 Dingoes	8 Fallow Deer
1 Timber Wolf	1 Spotted Deer
6 Shetland Ponies	2 Sika Deer
1 East African Zebra	6 Formosan Deer
2 Pygmy Donkeys	13 Red Deer (1)
1 Chartley Bull	2 Wapiti Deer
3 Ankole Cattle	5 Père David's Deer
3 Yak (1)	10 Chinese Water Deer (1)
3 American Bison	3 Bactrian Camels
2 White-tailed Gnus	6 Llamas (1)
4 Thomson's Gazelles (1)	1 Collared Peccary
3 East African Elands (2)	55 Bennett's Wallabies (2)
1 Nylghaie	

## Birds

2 Yellow-headed Conures	4 Chinese Silver Pheasants
3 Barraband's Parrakeets	4 Golden Pheasants
1 Citron-crested Cockatoo	15 Common Peafowl
10 Carolina Ducks	30 North American Turkeys
2 Snow Geese	5 Quail Barbu D'Anvers
5 Greater Snow Geese	Bantams
9 Blue Snow Geese (1)	3 Porcelain Barbu D'Anvers
2 Emperor Geese	Bantams
6 Barnacle Geese	6 Millefleur Barbu D'Anvers
2 Canada Geese	Bantams
9 Red-breasted Geese (1)	2 Millefleur Barbu D'Uccle
12 Upland Geese	Bantams
2 Egyptian Geese	8 Polish Crested Bantams
1 American Wigeon	4 Black Pekin Bantams
2 Temminck's Tragopans	3 Silver Sebright's Bantams
2 Black-breasted Kalij Pheasants	

## APPENDIX VIII.

## LIST OF ANIMALS RECEIVED AT WHIPSNADDE PARK

(Presented, Purchased, Received in Exchange, Deposited and Born in the Park)

## Mammals

## Order Primates

- 3 Lar Gibbons
- 1 Rhesus Monkey

## Order Carnivora

- 5 Lions
- 1 Cheetah

- 1 Striped Hyaena
- 34 Husky Dogs
- 8 Dingoes
- 1 Timber Wolf

## Order Rodentia

- 3 Fat Dormice
- 4 Central American Agoutis
- 16 Guinea Pigs

## Order Perissodactyla

- 9 Shetland Ponies
- 3 Cream Ponies
- 1 New Forest Pony
- 1 East African Zebra
- 2 Donkeys
- 2 Pygmy Donkeys

## Order Artiodactyla

- 2 Chartley Cattle
- 2 Dexter Cattle
- 3 Ankole Cattle
- 3 Yak

## Order Passeriformes

- 1 Zebra Finch
- 2 Avadavat Finches
- 2 Crimson-eared Waxbills

## Order Coraciiformes

- 2 Ground Hornbills

## Order Psittaciformes

- 1 Blue-streaked Lory
- 1 Lear's Macaw
- 1 Queen of Bavaria's Conure
- 2 Yellow-headed Conures
- 1 White-bellied Caique
- 1 Great-billed Parrakeet
- 2 Ring-necked Parrakeets
- 3 Barraband's Parrakeets
- 15 Budgerigars
- 1 Citron-crested Cockatoo
- 1 Bare-eyed Cockatoo
- 1 Goffin's Cockatoo

## Order Anseriformes

- 2 Black-necked Swans
- 10 Carolina Ducks
- 2 Snow Geese
- 5 Greater Snow Geese
- 9 Blue Snow Geese
- 2 Emperor Geese

- 2 American Bison
- 2 White-tailed Gnus
- 2 White-bearded Gnus
- 4 Thomson's Gazelles
- 3 East African Elands
- 1 Nylghaie
- 1 Cotton's × Baringo Giraffe
- 2 Reticulated Giraffes
- 6 Muntjac
- 11 Fallow Deer
- 1 Spotted Deer
- 2 Sika Deer
- 6 Formosan Deer
- 13 Red Deer
- 2 Wapiti Deer
- 13 Père David's Deer
- 1 Elk (Moose)
- 11 Chinese Water Deer
- 3 Bactrian Camels
- 6 Llamas
- 1 Collared Peccary

## Order Marsupialia

- 84 Bennett's Wallabies

## Birds

- 6 Barnacle Geese
- 2 Canada Geese
- 9 Red-breasted Geese
- 12 Upland Geese
- 2 Egyptian Geese
- 4 Common Sheld-Duck
- 1 American Wigeon

## Order Ardeiformes

- 24 Little Egrets
- 8 White Storks
- 2 Marabou Storks
- 4 African Sacred Ibis

## Order Baleariciformes

- 18 Black-necked Crowned Cranes

## Order Lariformes

- 15 Great Black-backed Gulls

## Order Galliformes

- 1 Impeyan Pheasant
- 2 Crimson Horned Tragopans
- 2 Temminck's Tragopans
- 2 Pallas's Eared Pheasants
- 2 Black-breasted Kalij Pheasants
- 4 Chinese Silver Pheasants
- 1 Common Pheasant
- 6 Golden Pheasants





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## APPENDIX X.

## BOOKS PRESENTED TO THE LIBRARY

The following were presented to the Library during the year :—

*Donor*

- BAILLIÈRE, TINDALL & COX, LTD., MESSRS. Avian Physiology. By Paul D. Sturkie. 1954.
- BARNES, CLAUDE T., F.Z.S. . The Duration of Mind, or Personal Sempiternity. By Claude T. Barnes. 1955.
- BRITISH MUSEUM (NATURAL HISTORY), TRUSTEES OF Bulletin of the British Museum (Natural History).  
Entomology. Vol. 3, nos. 8-14. 1954-55.  
Geology. Vol. 2, nos. 5-6. 1954-55.  
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Vol. 3, nos. 1-4. 1955.  
Natural History Report. British Antarctic (“Terra Nova”) Expedition 1910. Geology. Vol. 2, no. 1. 1954.  
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- Fossil Mammals of Africa. No. 8. 1954.  
*Archaeopteryx lithographica*. A Study based upon the British Museum specimen. By Gavin de Beer. 1954.
- A Catalogue of the American Hesperiidæ. Part IV. (Groups H to P.) By W. H. Evans. 1955.
- Fossil Amphibians and Reptiles. By W. E. Swinton. 1954.
- A History of the Classification of the Phylum Brachiopoda. By Helen Marguerite Muir-Wood. 1955.
- The Wing-Venation of the Orthoptera Saltatoria. By D. R. Ragge. 1955.
- CANSDALE, GEORGE S., B.A.,  
 B.Sc., F.L.S., F.Z.S. Reptiles of West Africa. By George Cansdale. 1955.
- CHAPLIN, THE RT. HON.  
 VISCOUNT, F.L.S., F.Z.S. Las Aves de Chile. By J. D. Goodall, A. W. Johnson and R. A. Philippi B. Vol. 1. 1946.  
 Checklist of Palearctic and Indian Mammals 1758 to 1946. By J. R. Ellerman and T. C. S. Morrison-Scott. 1951.
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- FIELD, HENRY, D.Sc., F.Z.S. Bibliography on Southwestern Asia. Parts 1-2. By Henry Field. 1953-55.
- HANNON, LADY, F.Z.S. Dogs of China and Japan in Nature and Art. By V. W. F. Collier. 1921.  
 Toy Dogs and their Ancestors. By Mrs. Neville Lytton. 1911.
- HILL, W. C. OSMAN, M.D.,  
 F.R.S.E., F.Z.S. Primates. Comparative Anatomy and Taxonomy. II—Haplorhini: Tarsioidea. A Monograph. By W. C. Osman Hill. 1955.
- HUNT, T. J., F.Z.S. Vodozemci i Gmizavci Naše Zemlje. By Milutin Radovanovic. 1951.
- INDIA, THE HIGH COM-  
 MISSIONER FOR The Fauna of India, including Pakistan, Ceylon, Burma and Malaya. Coleoptera. Lamellicornia. Part 4. By G. J. Arrow. [1950].
- JAPAN, HIS MAJESTY THE  
 EMPEROR OF Opisthobranchia of Sagami Bay. Collected by His Majesty The Emperor of Japan. Described by Kikutaro Baba. Illustrated by Hatsuki Tsujimura and Taketo Ikebe. Edited by Hirotarō Hattori. Supplement. 1955.

- JONES, MRS. KIRKHAM . . . Living Pictures of the Animal World. With an Introduction by Alfred H. Miles. [n.d.] Report of the Australasian Association for the Advancement of Science. Vols. 1-7. 1889-1898.
- KINNEAR, SIR NORMAN B.,  
C.B., F.Z.S. . . . Proceedings and Papers. Fourth Technical Meeting Salzburg 15.—19. IX. 1953. International Union for the Protection of Nature. 1954.  
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- LANE, FRANK W., F.Z.S. . . . Nature Parade. Fourth edition, revised and reset. By Frank W. Lane. 1955.
- McDONAGH, J. E. R.,  
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- MACDONALD, JAMES D.,  
B.Sc., F.Z.S. . . . Birds of Britain. A guide to the common species. By J. D. MacDonald. 1949.  
Birds of the Sudan. Their identification and distribution. By Francis O. Cave and James D. MacDonald. 1955.
- MANN, GUILLERMO . . . . . Vida de los Peces en aguas chilenas. By Guillermo Mann. 1954.
- MATTHEWS, L. HARRISON,  
M.A., Sc.D., F.R.S., F.Z.S. . . . Volume Jubilaire. Victor van Straelen. Directeur de l'Institut Royal des Sciences naturelles de Belgique, 1925-1954. Vols. 1-2. 1954.
- MUNRO, IAN S. R. . . . . The Marine and Fresh Water Fishes of Ceylon. By Ian S. R. Munro. 1955.
- OXFORD UNIVERSITY PRESS . . . . . Streams, Lakes, Ponds. By Robert E. Coker. 1954.  
The Language of Taxonomy. By John R. Gregg. 1954.  
The Origin of Vertebrates. By N. J. Berrill. 1955.  
Cells and Societies. By John Tyler Bonner. 1955.
- PAVLOVSKY, PROFESSOR E. N.,  
C.M.Z.S. . . . . Erazm Darwin : Khram Prirodui. [Erasmus Darwin. The Temple of Nature ; or, the Origin of Society.] Perevod N. A. Kholodkovskogo. Predislovie Redaktsiya i Kommentarii Akademika E. N. Pavlovskogo. 1954.

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F.Z.S. British Reptiles and Amphibians. By Richard L. E. Ford. 1954.  
Fall of the Sparrow. By Jay Williams. 1951.  
Nature Preservation in the Carribean. By J. H. Westermann. 1953. (*Publ. Fdn sci. Res. Surinam Netherlands Antilles* No. 9).  
The World of Small Animals. By Theodore H. Savory. 1955.  
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Alps and Elephants. Hannibal's March. By Gavin de Beer. 1955.
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A Contribution to the Knowledge of the Avifauna of the Riu Kiu Islands and the Vicinity. By Nagamichi Kuroda. 1925.  
Florida Bird Life. By Arthur H. Howell. 1932.  
Birds of the Island of Java. Vols. 1-2. By Nagamichi Kuroda. 1933-36.  
Records of Birds of Prey Bred in Captivity. Second edition. Revised and enlarged. By A. A. Prestwich. 1955.
- RICE INSTITUTE, HOUSTON, TEXAS The Armadillo (*Dasyfus novemcinctus*). By Roy V. Talmage and G. Dale Buchanan. 1954. (*Rice Inst. Pamphl.* Vol. 41, no. 2.)
- ROCKLIFF PUBLISHING CORPORATION Letters of Charles Waterton of Waldon Hall, near Wakefield. Edited by R. A. Irwin. 1955.
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- STARCK, DIETRICH. Embryologie. Ein Lehrbuch auf allgemein biologischer Grundlage. By Dietrich Starck. 1955.

- STREET, PHILIP A. R., M.Sc., Beyond the Tides. By Philip Street. 1955.  
F.L.S., F.Z.S.
- THOMSON, SIR LANDSBOROUGH, Ptitsui i Mlekopitayushchie. V Usloviyakh  
C.B., O.B.E., M.A., D.Sc., Landshaftov yuzhnoi Okonechnosti Urala.  
F.Z.S. By S. V. Kirikov. 1952.  
Materialui po Biogeografii S.S.S.R. No. 2.  
1955. (*Trud. Inst. Geogr. Akad. Nauk*  
*SSSR* Vol. 66.)
- TWEEDIE, M. W. F., M.A., Malayan Animal Life. By M. W. F. Tweedie  
C.M.Z.S., AND HARRISON, and J. L. Harrison. 1954.  
J. L., A.R.C.S., M.Sc.,  
F.R.E.S., F.Z.S.
- WEBB, CECIL S., C.M.Z.S. . The Odyssey of an Animal Collector. By Cecil  
S. Webb. 1954.
- WEBB, J. E., D.Sc., Ph.D., Animal Classification. By J. E. Webb and  
F.Z.S. J. H. Elgood. 1955.

Gifts of books are greatly appreciated, particularly copies of Fellows' own works.

## ZOOLOGICAL SOCIETY OF LONDON

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### MEETINGS DURING 1956

#### Scientific Meetings at 5 p.m.

Tuesday 14th February

„ 13th March

„ 10th April

„ 8th May

„ 12th June

„ 9th October

„ 13th November

„ 11th December

#### Ordinary General Meetings at 4.30 p.m.

Wednesday 18th January

„ 18th April

„ 18th July

„ 17th October

#### Annual General Meeting at 4 p.m.

Friday 27th April

Fellows of the Society are invited to attend the above Meetings held at the Offices in the Outer Circle of Regent's Park.



Photo: Colin Tait.

The Fellows' Restaurant at Regent's Park, remodelled during 1955.

"Whales and Whaling",

a special exhibition opened by Their Excellencies the Norwegian and Portuguese Ambassadors, 23rd May, 1955.

Photo: Fox Photos.



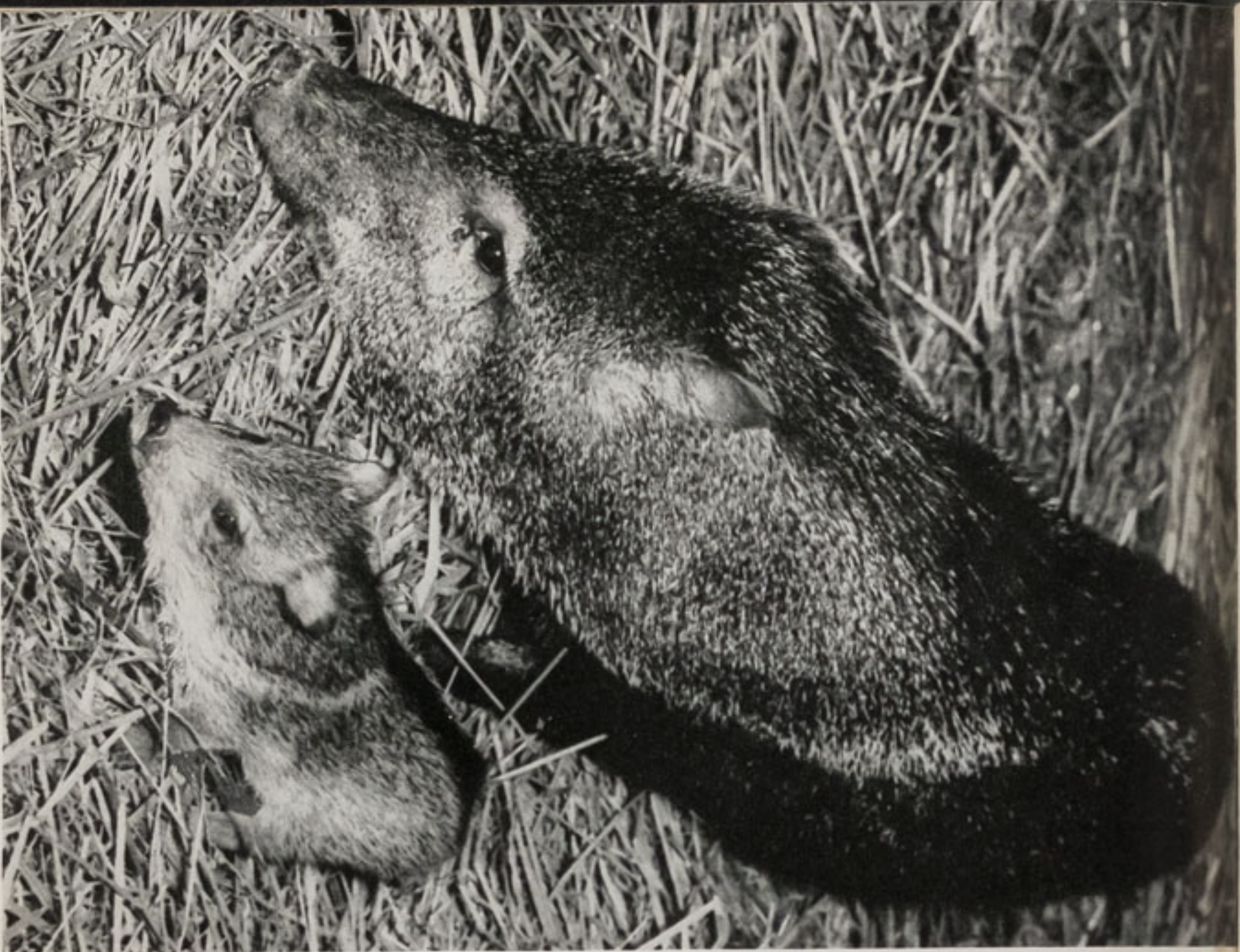


Photo: P. A. Reuter.  
The baby Collared Peccary born at Whippsnade, 4th December, 1955,  
with its mother



Photo: Fox Photos.  
The Manatees, collected by the British Guiana Expedition, 1955, quickly became at home in their  
new quarters.



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.1.

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, 1955, 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 £1,204,824, and the Liabilities, Pensions Fund and Depreciation of Investments Reserve Fund to £495,243, showing a surplus of Assets over Liabilities amounting to £709,581, 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.  
21st February, 1956.

## LIABILITIES AND SURPLUS.

Comp. Figures 1954.		£	£	£
	<b>Sundry Creditors—</b>			
17,985	Provisions, Materials and General Expenses ... ..			19,642
	<b>Reserves and Suspense Account—</b>			
634	Receipts in Advance (Subscriptions, etc.) ... ..			976
	<b>Pensions Fund—</b>			
	Balance at 1st January, 1955 ... ..	299,697		
	Add Transfer of Fees of deceased Compounders ... ..	340		
	Interest on Investments ... ..	9,588		
299,697			309,625	
	<b>Depreciation of Investments Reserve Fund—</b>			
	Balance at 1st January, 1955 ... ..	125,000		
	Add Transfer from General Reserve Fund (see page 46)	40,000		
125,000			165,000	
	<b>Mortgage Account—</b>			
	<b>Quarantine Station, Gloucester Gate—</b>			
	Balance at 1st January, 1955 ... ..		250	
	Deduct Amount repaid during year ... ..		250	
250				
443,566				495,243
	<b>Balance being Excess of Assets over Liabilities—</b>			
	<b>Heer Bequest—</b>			
91	Balance at 1st January, 1955 ... ..		91	
	<b>Composition Fund—</b>			
	Balance at 1st January, 1955 ... ..	20,885		
	Add Fees received during year ... ..	292		
			21,177	
	Deduct Transfer to Pensions Fund—Fees of deceased Compounders ... ..	340		
20,885			20,837	
	<b>Rebuilding Fund—</b>			
	Balance at 1st January, 1955 ... ..	55,585		
	Add Legacy from the late Mr. George Aylwin Clark- son ... ..	200		
	Legacy from the late Mrs. Elsie Haworth ... ..	2,840		
	Legacy from the late Mrs. Winifriede Hannah Whitlam ... ..	50		
	Interest on Investments ... ..	170		
	Donations ... ..	117		
	Seven year Covenants and Adoption Scheme Donations ... ..	1,214		
	Fellows Garden Party ... ..	490		
	Transfer from Income and Expenditure Account (see page 53) ... ..	12,000		
			72,666	
	Deduct Expenditure on Sanatorium and Quarantine Station ... ..	24,398		
55,585			48,268	
	<b>Catering Departments Equipment and Repairs Stabilisation Fund—</b>			
	Balance at 1st January, 1955 ... ..	11,605		
	Add Interest on Investments ... ..	300		
11,605			11,905	
£531,732	Carried forward ... ..		£81,101	£495,243

## ASSETS.

Comp. Figures 1954.		£	£	£
	<b>Freehold Property—</b>			
	<b>Whipsnade Park—</b>			
	Cost of Land and Buildings, Enclosures, etc., including Redemption of Land Tax and Tithes at 1st Jan., 1955		102,471	
	Add Expenditure on New Cottages ... ..	2,433		
	Purchase of Pittars Car Park ... ..	743		
	Purchase of Whipsnade Green (Deposit) ... ..	75		
			3,251	
			105,722	
116,945	<b>Regent's Park—31, Prince Albert Road ... ..</b>		14,474	120,196
	<b>Leasehold Property, Quarantine Station, Gloucester Gate—</b>			
	Balance at 1st January, 1955 ... ..		250	
	Deduct Amount written off transferred to Income and Expenditure Account (see page 49) ... ..		250	
250				
	<b>Plant, Vehicles, Fittings and Furniture—</b>			
	At Regent's Park and Whipsnade Park and in Catering Departments (not valued) ... ..			
—				
	<b>Stock Accounts—</b>			
*140,894	Animals belonging to the Society ... ..		*148,672	
*100,000	Books in Library ... ..		*100,000	
*1,000	Scientific Publications ... ..		* 1,000	
	Guides, Maps, Films, Books, and Souvenirs, etc. (at or under cost) ... ..		7,868	
10,442	Farm and Garden : Crops, Implements, etc. (Whipsnade)		*5,252	
*4,827	Catering Departments—Provisions, etc. (at cost) ... ..		15,359	
13,058				278,151
	<b>Sundry Debtors—</b>			
3,511	Miscellaneous Accounts since received or considered good			4,691
	<b>Suspense Accounts—</b>			
2,661	Rates, Insurances, etc., paid in advance ... ..			2,547
	<b>Investments (at cost)—Pensions Fund—</b>			
	£171,609 15s. 3d. 3 per cent. British Transport Gtd. Stock 1978-88 ... ..		162,800	
	£97,000 0s. 0d. 3 per cent. British Gas Gtd. Stock 1990-95		90,056	
	£20,851 10s. 11d. 3 per cent. British Transport Gtd. Stock 1967-72 ... ..		19,000	
	£17,000 0s. 0d. 3 per cent. British Electricity Gtd. Stock 1974-77 ... ..		15,164	
	£6,198 12s. 9d. 2½ per cent. Savings Bonds 1964-67 ... ..		5,808	
	£1,605 9s. 7d. 3 per cent. Savings Bonds 1960-70 ... ..		1,549	
	£6,000 0s. 0d. Consolidated Co. Bultfontein Mine Ltd. Ordinary Shares £1 each fully paid ... ..		9,510	
298,141				303,887
	<b>Heer Bequest—</b>			
91	£96 1s. 4d. 2½% Savings Bonds 1964/67 ... ..			91
	<b>Composition Fund—</b>			
	£5,586 11s. 3d. 3 per cent. British Transport Gtd. Stock 1978-88 ... ..		5,500	
	£15,976 15s. 8d. 2½ per cent. Savings Bonds 1964-67		15,295	
20,785				20,795
£712,605	Carried forward ... ..		£324,773	£405,585

\* As per valuations by Society's Officials.

Comp. Figures 1954.	LIABILITIES AND SURPLUS.			
£	£	£	£	£
531,732	Brought forward...	81,101	495,243	
<b>Balance being Excess of Assets over Liabilities—continued—</b>				
Staff Compensation and Sick Benefit Fund—				
	Balance at 1st January, 1955 ...	1,053		
	Add Interest on Investments ...	19		
	Transfer from Income and Expenditure Account (see page 53) ...	100		
		1,172		
1,053	Deduct Expenditure during year ...	90	1,082	
Allen Bequest—				
	Regent's Park—Balance at 1st January, 1955 ...	15,047		
	Add Interest on Investments ...	205		
15,047		15,252		
Whipsnade Park—Balance at 1st January, 1955 ...				
	Deduct—	£		
	Expenditure on Prosectorium and Slaughterhouse ...	3,403		
	Expenditure on Children's Zoo (part) ...	13,745		
	Transfer to General Purposes Account (see page 46)—			
	Expenditure on New Cottages... 2,433			
19,581		19,581		
Hance Bequest—				
	Balance at 1st January, 1955 ...	12,346		
	Add Interest on Investments ...	308		
12,346		12,654		
Salisbury Bequest—				
	Balance at 1st January, 1955 ...	2,804		
	Add Interest on Investments ...	68		
2,804		2,872		
Kime Bequest—				
	Regent's Park—	£		
	Balance at 1st January, 1955 ...	588		
	Add Interest on Investments ...	14		
588		602		
Whipsnade Park—				
	Balance at 1st January, 1955 ...	353		
	Add Interest on Investments ...	8		
353		361		
12,508	Zoological Record Fund (see page 55) ...	963	15,848	
4,901	Neave-Lloyd Nomenclator Zoologicus Fund (see page 55) ...	5,439		
Birtwistle Donation Fund—				
	Balance at 1st January, 1955 ...	1,720		
	Add Interest on Investment ...	43		
		1,763		
1,720	Deduct Expenditure during year ...	1,463	300	
£602,633	Carried forward ...	£135,511	£495,243	

Comp. Figures 1954.	ASSETS.			
£	£	£	£	£
712,605	Brought forward ...	324,773	405,585	
<b>Investments (at cost)—continued—</b>				
Catering Departments—Equipment and Repairs Stabilisation Fund—				
	£11,834 18s. 10d. 2½ per cent. Savings Bonds 1964-67	11,126		
	£389 9s. 5d. 3 per cent. British Transport Gtd. Stock 1978-88 ...	329		
11,455		11,455		
Staff Compensation and Sick Benefit Fund—				
	£414 4s. 1d. 3 per cent. British Transport Gtd. Stock 1978-88 ...	406		
	£264 4s. 6d. 2½% Savings Bonds 1964/67 ...	250		
656		656		
Hance Bequest—				
	£12,601 12s. 10d. 2½ per cent. Savings Bonds 1964-67	12,264		
12,264		12,264		
Salisbury Bequest—				
	£2,722 7s. 7d. 2½ per cent. Savings Bonds 1964-67 ...	2,657		
2,657		2,657		
Kime Bequest—				
	£925 0s. 8d. 2½% Savings Bonds 1964/67 ...	875		
875		875		
Zoological Record Fund—				
	£6,759 0s. 6d. 2½ per cent. Savings Bonds 1964-67 ...	6,623		
6,623		6,623		
Neave-Lloyd Nomenclator Zoologicus Fund—				
	£5,496 19s. 9d. 2½ per cent. Savings Bonds 1964-67	5,211		
4,711		5,211		
Depreciation of Investments Reserve Fund—				
	£147,876 0s. 5d. Consolidated 2½ per cent. Stock ...	146,750		
	£19,288 11s. 11d. 2½% Savings Bonds 1964/67 ...	18,250		
125,000		165,000		
Birtwistle Donation Fund—				
	£1,530 17s. 7d. 2½ per cent. Savings Bonds 1964-67 ...			
1,500				
Rebuilding Fund—				
	£13,630 18s. 2d. 2½ per cent. Funding Loan 1956-61...	12,529		
	Allen Bequest (Regent's Park)—			
	£16,369 1s. 10d. 2½ per cent. Funding Loan 1956-61...	15,047		
		15,047		
General Reserve Fund—Regent's Park—				
	£12,694 10s. 5d. 3 per cent. Savings Bonds 1960-70 ...	12,229		
	£30,000 2½ per cent. National War Bonds 1954-56...	29,567		
	£260 0s. 0d. Prudential Assurance Co., Ltd., 260 "A" Shares of £1 each ...	8,911		
	£425 0s. 0d. Union Corporation Ltd., 3,400 Ordinary Shares of 2s. 6d. each ...	8,912		
	£2,462 14s. 4d. 2½ per cent. Savings Bonds 1964-67	2,330		
77,138		61,949		
General Reserve Fund—Whipsnade Park—				
	£15,372 19s. 4d. 2½ per cent. Savings Bonds 1964-67	14,326		
14,326		14,326		
General Purposes Account—				
Loan on Mortgage—				
	Balance at 1st January, 1955 ...	600		
600		600		
£970,410	Carried forward ...	£1,039,550		

Comp. Figures 1954.	<i>LIABILITIES AND SURPLUS.</i>			
£	£	£	£	£
602,633	Brought forward	...	...	135,511 495,243
<b>Balance being Excess of Assets over Liabilities—continued—</b>				
General Reserve Fund—Regent's Park—				
	Balance at 1st January, 1955	...	...	103,297
	Add Interest on Investments	...	...	5,924
	War Damage Claim	...	...	3,791
	Transfer from Income and Expenditure Account (see page 53)	...	...	5,000
				118,012
	Deduct Expenditure on Greenhouses	...	4,147	
	Transfer to Depreciation of Invest- ments Reserve Fund (see page 42)	...	40,000	
				44,147
103,297				73,865
General Reserve Fund—Whipsnade Park—				
	Balance at 1st January, 1955	...	...	21,518
	Add Interest on Investments	...	...	384
	War Damage Claim	...	...	336
	Transfer from Income and Expenditure Account (see page 53)	...	...	7,000
				29,238
	Deduct Expenditure on Children's Zoo (part)	4,602		
	Purchase of Pittars Car Park and Whipsnade Green (Deposit) (see below)	...	818	
				5,420
21,518				23,818
				233,194
General Purposes Account—				
	Balance at 1st January, 1955	...	...	458,565
	Add Increase in value of Animals	...	...	7,778
	Transfer from Allen Bequest (see page 44)	...	2,433	
	Transfer from General Reserve Fund (see above)	...	818	
	Surplus from Income and Expenditure Account (see page 53)	...	...	6,793
458,565				476,387
				709,581

£1,186,013

£1,204,824

Comp. Figures 1954.	<i>ASSETS.</i>			
£	£	£	£	£
970,410	Brought forward	...	...	1,039,550
<b>Cash at Bank and in Office—</b>				
Deposit and Current Accounts—				
66,899	General Accounts	...	...	79,500
16,347	Catering Departments	...	...	11,320
150	do. Equipment and Repairs Stabilisation Fund	...	...	450
100	Composition Fund	...	...	42
26,159	General Reserve Fund—Regent's Park	...	...	11,916
7,192	do. Whipsnade Park	...	...	9,492
1,556	Pensions Fund	...	...	5,738
66	Kime Bequest	...	...	88
5,885	Zoological Record Fund	...	...	9,225
190	Neave-Lloyd Nomenclator Zoologicus Fund	...	...	228
397	Staff Compensation and Sick Benefit Fund	...	...	426
147	Salisbury Bequest	...	...	215
220	Birtwistle Donation Fund	...	...	300
55,585	Rebuilding Fund	...	...	35,739
82	Hance Bequest	...	...	390
34,628	Allen Bequest	...	...	205
				*165,274

£1,186,013

\* £140,000 on Deposit Account.  
The Market Value of the Securities held on 31st December, 1955, at minimum Stock Exchange quotations was £480,707 showing a Depreciation of £152,658 on original cost.

£1,204,824

**INCOME AND EXPENDITURE ACCOUNT.**  
FOR THE YEAR ENDED 31ST DECEMBER, 1955.

Comp. Figures 1954.	<i>INCOME.</i>								£	£
£	<u>REGENT'S PARK</u>								£	£
<b>FELLOWS.</b>										
2,900	Entrance Fees	...	...	...	...	...	...	...	3,006	
21,228	Subscriptions	...	...	...	...	...	...	...	20,985	
579	Fellows Tickets—Sale of	...	...	...	...	...	...	...	4,245	
									28,236	
<b>GARDENS.</b>										
206,442	Admission of Visitors to Gardens	...	...	...	...	...	...	...	188,047	
13,894	do. do. to Aquarium	...	...	...	...	...	...	...	13,098	
9,519	do. do. to Children's Zoo	...	...	...	...	...	...	...	9,653	
597	Film and Broadcasting Permits, etc.	...	...	...	...	...	...	...	802	
800	Chimpanzees' Tea Party	...	...	...	...	...	...	...	1,129	
—	Lavatories	...	...	...	...	...	...	...	1,004	
5,333	Riding Receipts	...	...	...	...	...	...	...	4,973	
2,800	Bath and Push Chairs, Hire of	...	...	...	...	...	...	...	2,742	
402	Animals, etc., Sale of	...	...	...	...	...	...	...	435	
7,282	Books, Souvenirs, etc., Sale of	...	...	...	...	...	...	...	8,921	
3,857	Maps, Sale of	...	...	...	...	...	...	...	4,159	
5,528	Guides—Sale of	...	...	...	...	...	...	...	5,704	
62	Photography—Children's Zoo	...	...	...	...	...	...	...	838	
33	Miscellaneous Receipts	...	...	...	...	...	...	...	77	
									241,582	
<b>SCIENTIFIC.</b>										
159	Library Photographs, Copyright Fees	...	...	...	...	...	...	...	138	
70	Prosectorium Specimens, Sale of	...	...	...	...	...	...	...	188	
2,904	Scientific Publications— Subscriptions and Sales	...	...	...	...	...	...	...	3,112	
Zoo Life Magazine—										
49	Sales in the Gardens	...	...	...	...	...	...	...	£ 33	
140	Share of Sales by Publishers, Vol. 9 (Society's share of Sales by the publishers for Vol. 10 not yet ascertained.)	...	...	...	...	...	...	...	118	
									151	
									3,589	
<b>INTEREST.</b>										
2,623	Investments and Bank Deposit	...	...	...	...	...	...	...	4,350	
2,968	de Arroyave Trust Fund (see page 55)	...	...	...	...	...	...	...	3,023	
57	Davis Trust Fund (see page 55)	...	...	...	...	...	...	...	57	
									7,430	
£290,226	Carried forward	...	...	...	...	...	...	...	£280,837	

Comp. Figures 1954.	<i>EXPENDITURE.</i>								£	£
£	<u>REGENT'S PARK.</u>								£	£
<b>GARDENS.</b>										
5,981	Rent, Rates, Taxes and Insurance	...	...	...	...	...	...	...	6,048	
75,529	Salaries—Menagerie Staff and Keepers	...	...	...	...	...	...	...	81,189	
5,242	Animals, Cost and Carriage of	...	...	...	...	...	...	...	11,092	
19,176	Provisions	...	...	...	...	...	...	...	20,604	
27,266	Fuel, Light, Water, Cleaning, Utensils, Transport and Other Expenses	...	...	...	...	...	...	...	27,833	
38,640	Works Department—Repairs, Maintenance, Alterations and Improvements (excluding Aquarium, Children's Zoo and Catering Department)	...	...	...	...	...	...	...	38,342	
11,049	Gardeners' Expenses— Salaries, Wages, Seeds, Plants, Implements, etc.	...	...	...	...	...	...	...	12,378	
8,697	Aquarium— Salaries, Wages, Exhibits, Provisions, Fuel, Light, General Maintenance, etc.	...	...	...	...	...	...	...	10,033	
3,045	Advertising	...	...	...	...	...	...	...	3,608	
5,385	Books, Souvenirs, etc., Cost of	...	...	...	...	...	...	...	6,033	
1,415	Maps, Cost of	...	...	...	...	...	...	...	1,361	
2,676	Guides, Cost of	...	...	...	...	...	...	...	2,504	
250	Leasehold Property (Quarantine Station), Amount written off (see page 43)	...	...	...	...	...	...	...	250	
6,141	Children's Zoo— Wages, Provisions, Exhibits, General Maintenance, etc.	...	...	...	...	...	...	...	6,805	
£210,492									£228,080	
<b>SCIENTIFIC.</b>										
2,267	Salaries and Sundry Expenses	...	...	...	...	...	...	...	2,646	
5,548	Library— Salaries, Wages, Books and Binding, etc.	...	...	...	...	...	...	...	5,606	
4,399	Prosectorium Expenses— Salaries, Wages, Chemicals, Apparatus, etc.	...	...	...	...	...	...	...	4,641	
4,341	Scientific Publications, Cost of	...	...	...	...	...	...	...	5,284	
352	Zoo Life Magazine— Contributors' Fees, etc.	...	...	...	...	...	...	...	£ 346	
	Cost of copies for Sales in the Gardens	...	...	...	...	...	...	...	22	
									368	
250	Grants— Zoological Record Fund (see page 54)	...	...	...	...	...	...	...	250	
47	Other Grants	...	...	...	...	...	...	...	178	
—	Fauna Preservation Society	...	...	...	...	...	...	£250		
	Less Rent for use of Offices	...	...	...	...	...	...	250	428	
									18,973	
£227,696	Carried forward	...	...	...	...	...	...	...	£247,053	

## INCOME AND EXPEN

FOR THE YEAR ENDED

Comp. Figures 1954.	INCOME.				
£	REGENT'S PARK.				
290,226	Brought forward	...	...	...	280,837
<b>CATERING DEPARTMENT, REGENT'S PARK.</b>					
18,465	Profit for the year	...	...	15,718	
2,500	Rent of Department	...	...	2,500	
				18,218	
20,965					
2,327	Deduct Expenditure by Works Department			3,740	
18,638					14,478
<u>£308,864</u>	Total Income, Regent's Park (see page 52)	...	...		<u>£295,315</u>

£	WHIPSNADDE PARK.				
<b>GARDENS.</b>					
59,464	Admission of Visitors to Park	...	...	60,710	
10,189	do. Cars do.	...	...	10,523	
				71,233	
Car Park—					
3,911	Parking Fees	...	...	4,534	
2,966	Train Receipts	...	...	3,755	
120	Film and Broadcasting Permits, etc.	...	...	120	
2,694	Riding Receipts	...	...	3,159	
674	Bath and Push Chairs, Hire of	...	...	694	
1,529	Animals, etc., Sale of	...	...	2,796	
Farm—					
5,983	Sale of Produce, etc.	...	...	6,524	
35	Garden and Forestry	...	...	219	
7,017	Books, Souvenirs, etc., Sale of	...	...	7,798	
2,065	Maps, Sale of	...	...	1,958	
193	Miscellaneous Receipts	...	...	312	
46	Zoo Life Magazine—Sales	...	...	91	
				103,193	
<u>£96,886</u>	Carried forward	...	...		<u>£103,193</u>

## EXPENDITURE ACCOUNT—continued.

31ST DECEMBER, 1955.

Comp. Figures 1954.	EXPENDITURE.				
£	REGENT'S PARK.				
227,696	Brought forward	...	...	...	247,053
<b>ADMINISTRATION.</b>					
19,691	Salaries, Wages, Fuel, Light, Stationery and Printing, Tele-phones, Postages, etc.	...	...	...	21,181
<b>PENSIONS.</b>					
12,628	Paid during year	...	...	...	12,849
<u>£260,015</u>	Total Expenditure, Regent's Park (see page 53)	...	...		<u>£281,083</u>

£	WHIPSNADDE PARK.				
<b>GARDENS.</b>					
2,368	Rates, Taxes and Insurance	...	...	2,459	
23,599	Salaries, Menagerie Staff, Keepers, etc.	...	...	27,184	
3,471	Animals, Cost and Carriage of	...	...	1,597	
11,913	Provisions	...	...	13,066	
6,049	Fuel, Light, Water, Cleaning, Utensils, Transport and Other Expenses	...	...	6,651	
17,690	Works Department—Repairs, Maintenance, Alterations and Improvements (excluding Farm and Catering Department)	...	...	19,719	
753	Advertising	...	...	1,083	
5,029	Farm	...	...	6,439	
3,160	Garden, Forestry and Care of Paddocks	...	...	3,927	
4,252	Books, Souvenirs, etc., Cost of	...	...	4,758	
645	Maps, Cost of	...	...	508	
26	Zoo Life Magazine—Cost of copies for sale	...	...	60	
<u>£78,955</u>	Carried forward	...	...		<u>£87,451</u>

**INCOME AND EXPEN  
DITURE ACCOUNT—continued.**  
FOR THE YEAR ENDED

31ST DECEMBER, 1955.

Comp. Figures 1954.	<i>INCOME.</i>						£	£
£	<u>WHIPSNAD PARK.</u>						£	£
96,886	Brought forward...	...	...	...	...	...	103,193	
	<b>CATERING DEPARTMENT, WHIPSNAD PARK—</b>						£	
	5,461	Profit for the Year	...	...	...	...	6,464	
	900	Rent of Department	...	...	...	...	900	
	<u>6,361</u>						<u>7,364</u>	
	190	Deduct Expenditure by Works Department	...	...	...	...	510	
6,171							<u>6,854</u>	
<hr/>								
103,057	Total Income, Whipnade Park	...	...	...	...	...	110,047	
308,864	Total Income, Regent's Park (see page 50)	...	...	...	...	...	295,315	
							<u>405,362</u>	
							<u>£405,362</u>	
<hr/>								
67,573	Balance brought down	..	..	..	..	..	30,893	
<hr/>								
							<u>£67,573</u>	

Comp. Figures 1954.	<i>EXPENDITURE.</i>						£
£	<u>WHIPSNAD PARK.</u>						£
78,955	Brought forward	...	...	...	...	...	87,451
<b>ADMINISTRATION.</b>							
3,941	Salaries, Fuel, Light, Wages, Stationery, Printing, Tele- phones, Postages, etc.	...	...	...	...	...	4,269
<b>PENSIONS.</b>							
1,437	Paid during year	...	...	...	...	...	1,666
<hr/>							
84,333	Total Expenditure, Whipnade Park	...	...	...	...	...	93,386
260,015	Total Expenditure, Regent's Park (see page 51)	...	...	...	...	...	281,083
							<u>374,469</u>
	Balance carried down	...	...	...	...	...	<u>30,893</u>
							<u>£405,362</u>
<b>APPROPRIATIONS.</b>							
100	Transfer to Staff Compensation and Sick Benefit Fund (see page 44)	...	...	...	...	...	100
48,000	Transfer to Rebuilding Fund (see page 42)	...	...	...	...	...	12,000
7,000	Transfer to General Reserve Fund—Whipnade Park (see page 46)	...	...	...	...	...	7,000
5,000	Transfer to General Reserve Fund—Regent's Park (see page 46)	...	...	...	...	...	5,000
							<u>24,100</u>
60,100							
<b>BALANCE.</b>							
7,473	Surplus for the year after making appropriations to Funds to meet future liabilities, carried to Balance Sheet (see page 46)						6,793
<hr/>							
							<u>£67,573</u>

£30,893

£67,573

£30,893

**INCOME AND EXPENDITURE ACCOUNT—continued.**  
FOR THE YEAR ENDED 31ST DECEMBER, 1955.

Comp. Figures 1954.	INCOME.		Comp. Figures 1954.	EXPENDITURE.
	<b>DE ARROYAVE TRUST FUND.</b>			
	<i>Trustees—The Official Trustees of Charitable Funds. £103,305 7s. 9d.—3 per cent. Funding Stock, 1959–69.</i>			
£		£		£
3,099	Interest on Investment (per Official Trustees of Charitable Funds) ...	3,099		£
			131	Expenses re Upkeep of the de Arroyave Grave at Highgate and Mausoleum at Westbury ... ..
			2,968	Tax on Income expended on Upkeep of de Arroyave Grave at Highgate and Mausoleum at Westbury ... ..
<u>£3,099</u>		<u>£3,099</u>		Balance of Income transferred to Income and Expenditure Account (see page 48) ... ..
			<u>£3,099</u>	<u>£</u>
				7
				69
				76
				3,023
				<u>£3,099</u>
	<b>DAVIS TRUST FUND.</b>			
	<i>£1,891 9s. 0d.—3 per cent. British Transport Guaranteed Stock 1978–88.</i>			
£		£		£
57	Interest on Investment ... ..	57		57
<u>£57</u>		<u>£57</u>		<u>£57</u>
	<b>ZOOLOGICAL RECORD FUND.</b>			
£		£		£
8,758	Balance at 1st January, 1955 ... ..	12,508		2,725
	Donations received during year (including transfer from Income and Expenditure Account—see page 49) ... ..	2,784		5,734
2,028				15,848
	Subscriptions and Sales ... ..	4,918		
	Royalties on Reprints ... ..	1,203		
4,278		6,121		
	Interest on Investments ... ..	169		
169		<u>£21,582</u>		<u>£21,582</u>
<u>£15,233</u>		<u>£15,233</u>		
	<b>NEAVE-LLOYD NOMENCLATOR ZOOLOGICUS FUND.</b>			
£		£		£
4,414	Balance at 1st January, 1955 ... ..	4,901		4
	Subscriptions and Sales ... ..	423		5,439
393		121		
	Interest on Investments ... ..	<u>£5,445</u>		<u>£5,445</u>
98		<u>£4,905</u>		
<u>£4,905</u>		<u>£4,905</u>		

We hereby certify that we have examined the Books and Accounts of the Society for the year ended 31st December, 1955, and have found them to be in order. Having received all the information and explanations we have required, we report that in our opinion the above Balance Sheet and accompanying Income and Expenditure Accounts show a true and fair view of the position as shown by the books of the Society. We have verified the Investments and the Cash Balances.

Finsbury Circus House,  
Blomfield Street,  
London, E.C.2.  
21st February, 1956.

TERENCE C. S. MORRISON-SCOTT,  
*Hon. Treasurer.*

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



ALPHABETIC

[Faint, illegible text, likely bleed-through from the reverse side of the page]

# THE ZOOLOGICAL RECORD

**T**HE Annual volumes of this comprehensive bibliography of Zoological literature, with subject and systematic indices, prepared and published under the auspices of the Zoological Society of London, are normally issued complete every Autumn, the separate parts appearing earlier in the year. It deals mainly with publications that interest the systematist, the comparative anatomist, the embryologist, and the field naturalist, but those that are concerned in a general way with genetics, ecology, etc., are also included.

## COMPLETE VOLUMES

Published Price, £4 0 0. Subscription Rate (payable in advance),  
£3 5 0.

## SEPARATE PARTS

	<i>s.</i>	<i>d.</i>
COMPREHENSIVE ZOOLOGY .. .. .	2	0
PROTOZOA .. .. .	6	0
PORIFERA .. .. .	2	0
CCELENERATA .. .. .	3	0
ECHINODERMA .. .. .	2	0
VERMES .. .. .	7	0
BRACHIOPODA .. .. .	2	0
BRYOZOA .. .. .	2	0
MOLLUSCA .. .. .	8	0
CRUSTACEA .. .. .	3	0
TRILOBITA .. .. .	2	0
ARACHNIDA .. .. .	5	0
*INSECTA .. .. .	20	0
PROTOCHORDATA .. .. .	2	0
PISCES .. .. .	5	0
AMPHIBIA AND REPTILIA .. .. .	3	0
AVES .. .. .	6	0
MAMMALIA .. .. .	5	0
LIST OF NEW GENERA AND SUBGENERA .. .. .	2	6

\*Obtainable from the Commonwealth Institute of Entomology, 41 Queen's Gate, London, S.W.7.

## POST-WAR RECONSTRUCTION

---

A **General Reserve and Post-War Development Fund** has been created to meet the heavy cost of reconstruction. Subscriptions of any amount to this Fund, whether by way of a bequest, a single donation or by annual payments under a **Seven-Year Covenant**, will be greatly appreciated. Donations should be addressed to the Secretary at the Society's Offices.

---

### FELLOWS TICKETS

---

Fellows are reminded that in addition to the fixed annual supply of admission tickets for presentation to their friends they may purchase additional tickets for this purpose, payment to be made in advance.

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

FOR THE YEAR 1951

PREPARED FOR THE ANNUAL GENERAL MEETING

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

TUESDAY, 29th APRIL, 1952

AT 4 P.M.

---

PRINTED BY  
WATERLOW & SONS LTD.  
LONDON AND DUNSTABLE



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.

---

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1951-52

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£5 10 0. C

## SEPARATE PARTS

	<i>s.</i>	<i>d.</i>
COMPREHENSIVE ZOOLOGY .. .. .	2	6
PROTOZOA .. .. .	7	6
PORIFERA .. .. .	2	0
COELENTERATA .. .. .	4	0
ECHINODERMA .. .. .	2	6
VERMES .. .. .	10	0
BRACHIOPODA .. .. .	3	0
BRYOZOA .. .. .	2	0
MOLLUSCA .. .. .	10	0
CRUSTACEA .. .. .	5	0
TRILOBITA .. .. .	3	0
ARACHNIDA .. .. .	7	6
*INSECTA .. .. .	30	0
PROTOCHORDATA .. .. .	2	0
PISCES .. .. .	7	0
AMPHIBIA AND REPTILIA .. .. .	7	6
AVES .. .. .	7	6
MAMMALIA .. .. .	7	6
LIST OF NEW GENERA AND SUBGENERA .. .. .	3	0

\*Obtainable from the Commonwealth Institute of Entomology, 41 Queen's Gate, London, S.W.7.

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1953



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# THE ZOOLOGICAL RECORD

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## RE-BUILDING SCHEME

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

FOR THE YEAR 1953

PREPARED FOR THE ANNUAL GENERAL MEETING

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

THURSDAY, 29th APRIL, 1954

AT 4 P.M.



PRINTED BY  
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LONDON AND DUNSTABLE  
1954

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TRILOBITA .. .. .	3	0
ARACHNIDA .. .. .	7	6
*INSECTA .. .. .	30	0
PROTOCHORDATA .. .. .	2	0
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AMPHIBIA AND REPTILIA .. .. .	7	6
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**ZOOLOGICAL SOCIETY**  
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**REPORT OF THE COUNCIL AND**  
**AUDITORS FOR 1955**

Prepared for the Annual General Meeting, at 4 p.m.  
on Friday 27 April 1956

## ZOOLOGICAL SOCIETY OF LONDON

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for the advancement of Zoology and Animal Physiology, and for the introduction of new and curious subjects of the Animal Kingdom, and was incorporated by Royal Charter in 1829. A supplementary Charter, extending and modifying the original Charter to meet modern needs, was granted in 1948.

The Society's Gardens in Regent's Park, which were first opened to the public in 1828, now cover an area of 35 acres. Of the original features and buildings designed by Decimus Burton, the Camel House with its clock tower, the Ravens' Aviary and part of the terrace leading from the Main Gate southwards are still in existence. In 1927 the Society acquired 500 acres of farm and down land at Whipsnade and has developed them into a Zoological Park where there is a minimum of housing and a maximum of open spaces for the animals. Part of the Park is used as a farm which produces much of the fodder for the animals both at Whipsnade and Regent's Park.

The Zoological Society of London, being primarily a scientific society, undertakes and encourages scientific research in zoology by members of its staff and by visiting scientists, and also by scientific expeditions overseas. Scientific Meetings, commencing at 5 p.m., are held in the Meeting Room on the second Tuesday in the months February to June and October to December. At these meetings the results of new research are communicated and discussed, and specimens and films of zoological interest are exhibited. The Society owns one of the finest zoological libraries in the world containing approximately 90,000 volumes including many complete runs of scientific journals.

The *Proceedings*, published eight times a year, in octavo, form the main organ of the Society for the publication of the papers read at the Scientific Meetings and also notices of all business transacted at these Meetings. The papers cover all fields of zoology and are fully illustrated with plates and text figures. The *Transactions* are published at irregular intervals, and contain such of the communications made to the Scientific Meetings as are better adapted for publication in quarto form by reason of the illustrations required.

The *Zoological Record*, a comprehensive bibliography of zoological literature with subject and systematic indices, is published annually by the Society; it is available either as a complete bound volume or separately in 19 parts dealing with the different animal groups. The *Nomenclator Zoologicus* contains the names of all the genera and subgenera in zoology from the 10th Edition of Linnaeus 1758 to the end of 1945, with a bibliographical reference to the original description of each. The work contains approximately 250,000 entries, and is published in 5 volumes.

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*[Faint, illegible handwriting]*

