REPORT

OF THE

COUNCIL

OF THE

ZOOLOGICAL. SOCIETY

OF LONDON,

FOR THE YEAR 1903.

READ AT THE ANNUAL GENERAL MEETING,

APRIL 29тн, 1904.

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Appointment of Secretary

I. General Candition of the Society

REPORT OF THE COUNCIL.

April 29, 1904.

THE Council have the pleasure of submitting to the Fellows assembled at the seventy-fifth Anniversary of the Zoological Society of London their Annual Report.

This Report, in accordance with precedent, is divided into three heads, the first of which (p. 3) relates to the General Condition of the Society and its Finances, the second (p. 18) to the business transacted at the Office in Hanover Square, and the last (p. 30) to the state of the Gardens and Menagerie in the Regent's Park.

I. GENERAL CONDITION OF THE SOCIETY.

1. APPOINTMENT OF SECRETARY.

Mr. W. L. Sclater, who had been appointed by Council on December 17th, 1902, according to the Charter and By-laws of the Society, to be Secretary until the Annual Meeting, entered on the duties of his Office on January 22, 1903. At the Annual Meeting on April 29, 1903, Dr. P. Chalmers Mitchell was elected Secretary of the Society, and assumed office on May the 1st. The Council desire to place on record their appreciation of the efficient manner in which Mr. W. L. Sclater discharged his duties during the interim in which he filled the office of Secretary, and tender to him their best thanks for the services he rendered to them and to the Society.

2. Pension to Mr. P. L. Sclater.

Early in the year the attention of the Council was directed to a possible informality in the granting of a pension to the late Secretary. Accordingly, the opinion of Counsel was taken, and, at the Monthly General Meeting held on May 21, notice was given that the following motion would be submitted at the Meeting on June 18:—

"That this Meeting approves of the grant by the Council of a pension of £700 per annum to Mr. P. L. Sclater, D.Sc., F.R.S., in consideration of his services as Secretary to the Society for forty-three years."

On June 18th the motion was put to the Meeting by the Duke of Bedford, K.G., President of the Society, seconded by Prof. E. Ray Lankester, Director of the Natural History Museum, and carried unanimously.

3. REORGANISATION OF THE OFFICE AND GARDENS.

As was stated in the Annual Report for 1902, the Council, when Mr. P. L. Sclater announced his resignation of the post of Secretary, appointed a Committee to investigate fully the affairs of the Society. As the result of that investigation, the following Resolutions were adopted by the Council, approved by the General Meeting of the Society held on January 22, 1903, and ordered by that Meeting to be printed and sent to every Fellow of the Society. The Council now submit these Resolutions seriatim, with the action that has been taken upon them.

(1) A charge for the maintenance of deposited animals may be made at the discretion of the Garden Committee.

In practice, a charge has been made in very few cases; animals have been accepted free where they were of interest for exhibition; in most other cases they have been declined.

(2) The lavatories in the Zoological Gardens should be used as far as possible as a source of revenue to the Zoological Society by the adoption of the slot system.

The lavatories, which formerly were a source of expense to the Society, are now yielding a profit which, it is hoped, will be increased this year. To secure proper supervision of the lavatories, they are being worked under an agreement, terminable annually, with Messrs. Spiers & Pond.

(3) There should be a special inspecting foreman keeper appointed to rank next to the assistant superintendent, whose duty should be constantly to patrol the Gardens and keep the keepers under observation.

A Foreman Keeper has been appointed.

(4) The Garden Committee should consider whether by some slight increase in the staff of gate-men separate gates might not be maintained for paper admissions distinct from those by which entry is made by cash payments.

A more careful system of checking admissions has been adopted, but as yet, as very great additional expenses have been necessary in other directions, the number of Gate Attendants has not been increased so as to allow of separate entrances for cash, and signatures and tickets.

(5) A Veterinary Assistant should be appointed attached to the Prosectorium at a salary of £100 a year, and this man should not only be associated with the Prosector in determining the cause of death, but should be called upon to treat all sick animals in the Society's collection, and carefully record every case for the information of the Garden Committee.

See Report of Special Prosectorial Committee (p. 13).

(6) The attention of the Garden Committee should be called to all the points mentioned in the Sub-clauses (A) to (o) of the first portion of the Report of the Reorganisation Committee; and Mr. W. E. de Winton, a Member of the Council, shall be asked to undertake the duties of Superintendent for a period not exceeding twelve months; he should be appointed Secretary to the Garden Committee, and be given during his term of office an honorarium at the rate of £400 per annum; the Garden Committee with Mr. de Winton as Acting Superintendent of the Gardens and Secretary to the said Committee to be thus entrusted with the work of reorganising the Gardens and Estate during the coming year, and to report monthly to the Council, commencing work on the 1st of January.

This was duly carried out. In the course of the year

however, it was found inconvenient to have a separate Secretary of the Garden Committee, and the Secretary of the Society was appointed to act in that capacity. In July, Mr. de Winton's appointment was extended for another year, but towards the end of the year Mr. de Winton found himself unable to comply with the terms of his appointment, and placed his resignation in the hands of the Council. The Council desire to place on record their high appreciation of the devotion with which Mr. de Winton discharged the duties of the office, and of the very great services that he rendered the Society in the reorganisation of the Gardens.

(7) The new Secretary of the Zoological Society shall be engaged at an initial salary of £600 a year, with allowances for journeys undertaken on behalf of the Society and sanctioned by the Council, and with the use of a private sitting-room and one bedroom at 3 Hanover Square, the new Secretary to attend the meetings of the Garden Committee as a supernumerary during the period of reorganisation; subsequently to act as Secretary to this Committee, and thus under the direction of the Chairman of the Garden Committee to be in full cognisance of what is taking place in the Gardens; to act as Secretary to all the Committees, except in one particular, during the ensuing year, when his work on the Garden Committee would be of a temporary nature; to be chief accounting officer and responsible official financially to the Society, and to furnish a personal guarantee of £1,000: his vacation not to exceed eight weeks in any one year.

This was duly carried out.

(8) Mr. Beddard's duties and pay as Vice-Secretary should not be extended beyond the date of appointment of the new Secretary; Mr. Beddard's salary as Prosector from the date of his relinquishing the post of Vice-Secretary to be raised as a purely personal emolument to £400 a year.

This was duly carried out. See Report of Special Prosectorial Committee (p. 13).

(9) The Superintendent of the Gardens, Mr. Clarence Bartlett, shall be retired on a pension of £200 a year, the payment of the said pension to date from the 1st of April, 1903, his salary as Superintendent to continue to March 31st, 1903, on the understanding that he gives up his residence in the Zoological Gardens to the Society's representative on or before February 1st, 1903.

This was duly carried out. Mr. Bartlett, however, who

was in bad health at the time of his resignation, died on May 1, 1903. In view of the long time that Mr. Bartlett had been in the service of the Society, and the short period he lived after having been granted a pension, the Council awarded a gratuity of £100 to his widow.

(10) As regards the new Superintendent, no immediate steps are to be taken to fill the post vacated by Mr. Clarence Bartlett until Mr. W. E. de Winton and the Garden Committee have thoroughly examined and reorganised the existing system of management, and the Council have become acquainted with the merits and work of the new Secretary.

On accepting Mr. de Winton's resignation, the Council, before proceeding to the appointment of a Superintendent, decided as follows with regard to his status:—

The Superintendent shall be an Officer of the Society subordinate to and responsible to the Secretary, who is responsible to the Council; but the Superintendent shall have the right of immediate appeal to the Chairman of the Garden Committee, and may, at any meeting of that Committee, request to be heard in the absence of the Secretary.

The duties of the Superintendent were defined as

follows:-

(1) To reside in the Gardens and not to be absent from them for more than 24 consecutive hours without having obtained special permission.

(2) To be entitled to six weeks' holiday in the year,

the time to be arranged with the Garden Committee.

(3) To have immediate control of the Menagerie and its staff through the Assistant Superintendent and Head Keeper; of the Gardening Staff through the Head Gardener; of the Works Department through the Clerk of the Works; and of the Stores Department through the Storekeeper.

(4) To engage and dismiss those on the weekly staff, and forthwith to notify such engagements and dismissals to the Secretary, but, except for such dismissals and replacements, not to increase or diminish the weekly staff

except after consultation with the Secretary.

(5) To have the power of immediate suspension of persons on the Garden Monthly Staff, but to report at once to the Secretary the reasons for his action.

(6) To be responsible for the welfare, arrangement, display and development of the Collection of Animals.

(7) To have the power of purchasing, selling, or exchanging animals up to £10 in each case, independently of the Secretary, and up to £50 with the Secretary.

(8) To assist the Secretary by preparing the plans or designs for buildings or alterations, and by obtaining

estimates for these works.

(9) To report to each Meeting of the Garden Committee on his duties, and as to works in progress or required, and on any matters to which he may wish to call the attention of the Committee.

(10) To prepare the daily report to the Secretary known

as the "Occurrences at the Gardens."

(11) To be responsible for the collection of the gatemoney and for the daily checking of the indicators; when unable to be so responsible to report beforehand to the Secretary.

(12) To be responsible for the Riding-money receipts,

Garden Guide sales, and Garden cash sales.

(13) To arrange with the Secretary for the trans-

mission of all money received.

(14) To prepare the Weekly Wages sheets and the Garden Petty Cash Sheet, and submit these to the Secretary, accounting for petty cash up to £40 weekly.

(15) To be responsible for the distribution of the

weekly wages and monthly salaries.

- (16) To sign, with the Secretary, cheques on the Petty Cash Account.
- (17) To get in all accounts up to the end of each month, and have them checked and signed; to go over these with the Secretary; and to attend the Finance Committee Meetings.
- (11) The Chief Clerk, Mr. Cole, shall be granted an increase of salary of £25 a year in consideration of his being called upon at certain seasons of the year to work overtime.

This was carried out.

(12) A House and Library Committee shall be formed; the Librarian should submit the question of purchasing books to the approval of this Committee; all questions relating to the house and library are to be referred to the new Committee, which shall be called the House and Library Committee.

This was carried out.

(13) In regard to the reorganisation of Committees: (A) The Secretary shall attend the meetings of the Committees of the Zoological Society, as Secretary, with no power to vote; (B) The President of the Zoological Society shall be ex officio a member of all Committees; (c) A Chairman and Vice-Chairman shall be appointed to every Committee, except that of the Publications, the Chairman-or in his absence, the Vice-Chairman or any Member of the Committee whom he may delegate-to summon the meetings of his Committee and prepare the Agenda with the assistance of the Secretary, read the report, and bring the recommendations of his Committee before the Council; (D) The new Committee to be called the House and Library Committee, which it is already resolved should be appointed, shall consist of six Members of Council and the Secretary, this Committee to have the advisory control over all the expenditure connected with the house-staff, house-servants, and the Library, and advise as to the most advantageous letting of premises in Hanover Square, having the power of sanctioning the purchase of any work for the Library not exceeding £10 in value, but referring for the consideration and sanction of the Council the question of purchasing any book or work which may cost more than £10; but this Committee shall be allowed to delegate to the Librarian of the Society a portion of its responsibility in regard to the purchase of books, subject to the above conditions; (E) The existing Finance Committee shall be abolished, and the audit as at present held shall be supplemented by systematic audits conducted by the paid auditor who has already been appointed by the Council; (F) Each of the Committees shall have the advisory control over the expenditure of its department, and initiate estimates, submitting them to the Council for sanction; they should make up and verify their accounts monthly and submit them to the paid auditor annually; (G) The Purchase of Animals Committee shall consist of not less than six members, and three should be a quorum; cheques for payment of dealers and others issued by this Committee shall be signed by two Members and the Secretary; the Purchase of Animals Committee must report to each meeting of Council on all transactions in animals (purchase, sale, or exchange) which have taken place subsequent to the last meeting of Council, and obtain from the Council its sanction of the arrangements concluded in its name, the purchasing power of the Purchase of Animals Committee to be limited to £1000 on any one transaction; (H) With regard to the Prosectorium, a special Committee shall be appointed to report on the most effective manner of carrying on the scientific work in the Society's Prosectorium, and to lay down lines on which the Zootomical Committee might act in controlling and extending that department; (1) The number of the Garden Committee Members

shall consist as at present, of six, with a quorum of three; during the ensuing year the chief duties of this Committee shall be to report on the reorganisation of the Society's Gardens, the future policy to be pursued in the management of its Estate, the Garden Committee to have the most direct control, subject to the Council, over the whole of the Society's Gardens and Estate; (J) The Zoological Record Committee should report to the Council on what methods might be adopted to decrease the annual deficit entailed on the Society by the publication of the "Zoological Record," and what other measures might be taken to increase the sale of that "Record," or to divert such funds as the Society might have under its control to lessen the annual loss caused by this branch of the Society's work; (K) The Lecture Committee shall cease to exist, and the funds hitherto diverted to the purposes of lectures shall be turned to other branches of expenditure, as the Council may deem fit; (L) The Publication Committee should be asked to report on whether it would be possible to revise existing contracts for printing, with a view to effecting economy in this branch without disturbing efficiency.

These were carried out.

With reference to Section E, however, it was found in practice that the monthly work of examining bills interfered with the other duties of the Committees; accordingly a Special Finance Committee has been constituted, consisting of the President and Secretary and two or more members appointed by and representing respectively the Garden Committee, the House and Library Committee, and the Publication Committee. This Committee meets monthly and examines bills, and recommends them to Council for payment; and it is the duty of the Committee to refer back to the spending Committees any bill or any matter arising from any bill which requires special attention before being passed for payment. The Estimates for the current year were framed by the spending Committees, and were examined and reported on to Council by the new Finance Committee.

With regard to Section I, on account of the importance of the work in hand, the number of members of the

Committee was increased by three.

With regard to Section J, it is not anticipated that any reduction in cost can be brought about at once; but the Committee is considering the possible ways of reducing the cost without impairing the value of the 'Record' to zoologists.

With regard to Section L, a Sub-Committee consisting of Dr. H. Woodward, Mr. R. I. Pocock, Mr. C. Davies Sherborn, and the Secretary made an exhaustive investigation of the expenses connected with the printing and illustration of the scientific publications of the Society; a new printing-contract has been signed, and new arrangements have been made with artists and engravers, with the result that a very considerable economy has been achieved.

(14) The annual sum derived from the interest on the Davis Bequest shall be applied henceforth to other purposes than lectures, such as, for instance, the upkeep of the 'Zoological Record.'

This has been duly carried out.

(15) The composition-fees shall be invested and form part of the Society's capital, the opinion of the Auditor to be taken on the question of the allotment of composition.

The Council have decided that the Accounts of the Society shall be kept in future so as to show that a fund of £7154 would have existed at the 31st of December, 1903, if the Composition-fees received during the fifteen years preceding that date had been funded, and an annual transfer made of £2 for each living compounder, and that in each succeeding year the Composition Fund Account shall be made up and entered in the books, but that the actual investment of money to make up the amount of that fund shall be postponed until the income and expenditure account for the year show a credit balance.

(16) Tickets of free admission to the Society's Gardens shall be issued more sparingly, and only by the Secretary at the Office, 3 Hanover Square, the Secretary to report to the Garden Committee on all instances in which he has issued free tickets, and to obtain their assent to his action. Artists' and photographers' tickets shall be charged for at the rate of ten shillings a year.

The number of Free Tickets issued has been very greatly reduced. In 1902 the number of complimentary single admissions (red tickets) granted was 3060; in 1903 it was 1593, a reduction of nearly one-half. Artists' and Photographers' Tickets are charged for at the rate of ten shillings each for a year, and do not cover admission to the Gardens; but in the case of actual students at

recognised Art Schools, annual tickets covering admission to the Gardens are issued for five shillings each.

(17) The petty cash account shall be distributed for expenditure among the various Committees to whose departments each item belongs: the Garden Committee controlling expenditure on the wages of all persons connected with the Gardens; and the House and Library Committee controlling all expenditure on the house and office at 3 Hanover Square, and on the wages of all persons connected with the town house. The cheque drawn by the Secretary for weekly wages shall be limited to the approximate total of the wages due, and be countersigned by the Superintendent or Acting Superintendent, or by any Member of Council.

This has been duly carried out.

(17) With reference to the Guide to the Zoological Society's Gardens, Messrs. Bradbury & Agnew, who have hitherto printed and published the Guide, should be written to in the following sense: That Mr. Sclater having (in retiring from the post of Secretary) laid down the right given to him by the Zoological Society of selling the Guide in the Society's Gardens, the Society desires to give notice to Messrs. Bradbury & Agnew that they are only able to continue the existing arrangement on the lines entered into with Messrs. Bradbury & Agnew by Mr. Sclater for a period of one year, dating from the 1st of January 1903, after which the Zoological Society reserves to itself complete liberty of action in the matter of printing, publishing and selling a Guide to the Society's Gardens; that after the 1st of January 1904 it is considered that the existing contract between Mr. Sclater and Messrs. Bradbury & Agnew will have ceased and been terminated.

As was stated at the monthly meeting held on June 18, 1903, at which the pension was granted to Mr. P. L. Sclater, the late Secretary gave over the Guide entirely to the Society from the date of his quitting office. In consequence, the profits on the sales of the Guide at the Gardens since that date, and a half-share of the profits under Mr. Sclater's agreement with Messrs. Bradbury & Agnew, have fallen to the Society and have been accounted for in the Income. A new Guide has been prepared by the present Secretary, and is now on sale; the copyright of this Guide is the property of the Society. It is manufactured by Messrs. Bradbury, Agnew & Co., on an ordinary contract; it is sold for the Society at the Gardens and Office.

4. REPORT OF THE SPECIAL PROSECTORIAL COMMITTEE.

In accordance with Resolution 13, Section H, a Special Committee was appointed consisting of Prof. G. B. Howes (Vice-President), Dr. H. Woodward (Vice-President), Dr. Chalmers Mitchell, and the Secretary, to represent the Council, and Dr. Arthur Keith (Lecturer on Anatomy at the London Hospital Medical College), Mr. F. G. Parsons (Lecturer on Anatomy at St. George's Hospital Medical School), and Dr. R. N. Salaman (Director of the Pathological Institute at the London Hospital). After a series of meetings this Committee presented an elaborate report to the Council, upon which, Council adopted the following resolutions:—

(1) That a Veterinary Surgeon be not appointed.

(2) That a Pathologist be appointed to the staff of the Prosectorium at a remuneration of £100 per annum.

The Committee and Council gave anxious consideration to the question of the permanent employment of a Veterinary Surgeon attached to the Prosectorium, and took advice from various sources on the subject. It was decided that in those cases where a Veterinary Surgeon would be of value he could be called in at the Superintendent's discretion, but that in the majority of cases wild animals do not lend themselves for treatment, and that it would be more in the interests of the animals to make provision for a trained Pathologist, whose duty should be to study the causes of death, not only by ordinary post-mortem examination, but by the use of the microscope and bacteriological methods, and to point out not only the cause of death but also how such deaths might in the future be avoided.

(3) That an Anatomist should be appointed to the staff of the Prosectorium.

(4) That Mr. F. E. Beddard, F.R.S., continue for the present in his office as Anatomist to the Prosectorium at his present salary of £400 per annum.

(5) That a Prosectorial Committee should be appointed, to consist of three members of Council and the

Secretary, and that this Committee should co-opt as members three Fellows of the Society specially interested in Anatomy and Pathology.

(6) That the Prosectorial Committee should direct and control the work of the Prosectorium and of its

staff and report monthly to Council.

(7) That the necessary changes in the Prosectorium should be made at a cost not to exceed £150.

5. STATE OF THE ROLL OF MEMBERS.

Fellows.

The number of Fellows and Fellows Elect on the 1st of January, 1904, was 3481, classified as follows:—

| Compounders | (HJT | no. | 7.11 | 10 | 974 | 1008 |
|----------------------------|------|------|------|-----|-----|------|
| Compositions remitted . | | | | | | 36 |
| Paying annual subscription | | | | | | 2244 |
| Dormant | | | | | | 153 |
| Admission-fees unpaid . | | | | 160 | 331 | 40 |
| | m | otol | 19 | | | 2/81 |

This is the largest number in the history of the Society, the next best year being 1878, with 3416 Fellows.

The corresponding number of Fellows on the 1st of January, 1903, was 3413; thus there is shewn an increase of 68 Fellows during the year.

Comparative Statement of Elections, Deaths, Resignations, and Removals during the past Ten Years, with the number of Fellows at the end of each Year.

| - 11/4 | or tted. | May 1 | | Died. | | | Resigned | | Remove | of of | | |
|--------------|--------------------|-------|-------|---------------|-------|---------|----------|---------|--------------|------------------------------|-----------------------|-------------------------------|
| Years. Years | | Con | mpoun | ders. | Subsc | ribers. | Subsci | ribers. | Subscribers. | es id. | d to | |
| | Elected Re-admi | £20. | £30. | Fee remitted. | £2. | £3. | £2. | £3. | £3. | Admission Fees Unpaid. | Ceased to Fellows. | Number Fellows December |
| 1894. | 163 | 3 | 31 | 2 | 1 | 74 | | 51 | 6 | 8 | 176 | 2972 |
| 1895. | 197 | 1 | 26 | 1 | 2 | 61 | | 33 | 11 | 7 | 142 | 3027 |
| 1896. | 207 | | 24 | 2 | | 62 | | 40 | 5 | 3 | 136 | 3098 |
| 1897. | 179 | | 26 | | | 66 | | 20 | 4 | 3 | 119 | 3158 |
| 1898. | 184 | 1 | 28 | 1 | | 79 | | 35 | 6 | 7 | 157 | 3185 |
| 1899. | 209 | 2 | 27 | 1 | 2 | 64 | | 38 | 8 | 6 | 148 | 3246 |
| 1900. | 174 | | 41 | 1 | | 75 | | 44 | 5 | 4 | 170 | 3250 |
| 1901. | 219 | | 24 | | | 63 | | 34 | 5 | 5 | 131 | 3338 |
| 1902. | 227 | | 16 | | | 65 | | 32 | 36 | 3 | 152 | 3413 |
| 1903. | 218 | 1 9 | 22 | 1 | 1 | 67 | | 47 | 9 | 4 | 150 | 3481 |

In the List of Fellows for 1903 the names of those who have obtained permission, on account of residence abroad, to be placed on the "Dormant List" have been printed

separately.

No Honorary, Foreign, or Corresponding Members of the Society were elected during 1903. Three Foreign and three Corresponding Members died, and the Council removed from the List of Corresponding Members the names of nine gentlemen who had returned to England.

6. STATE OF THE FINANCES.

The Report of the Auditors of the Accounts for 1903 is already in the hands of Fellows, and it is necessary here to make only certain general comments on the financial position of the Society.

a. Income.

The actual receipts for 1903 amounted to £30,057 17s.1d., the largest sum ever received by the Society in one year, except in 1876, when the great attraction of the Indian animals brought home by H.M. The King, then Prince of Wales, raised the income to £34,955. The actual figures for 1903, however, give an unduly favourable view of the income; they include nearly £1000 (of which only about £400 was profit) receipts from the Garden Guide, now for the first time since 1847 included in the accounts of the Society; they also include under the heads "Garden Sales" and "Miscellaneous" several items unexpectedly large. The extremely unfavourable weather throughout the summer, especially on Mondays and Saturdays, brought about a decrease in Admissions to the Gardens, amounting to nearly £1000. Finally, as has already been stated on page 11, the old system by which Composition Fees have been treated as income was still carried out, and as soon as it is possible to do so, Council think it advisable to revert to the sounder financial policy of including in the income of each year only a proportion of such fees.

b. Expenditure.

The Society began the year 1903 with a cash balance of £1240 and a loan of £4000; early in May a new

arrangement was made with the Society's Bankers according to which, instead of the Society borrowing a definite sum and paying interest on that whatever might be the state of the current account, the Bankers agreed to allow the Society to make necessary overdrafts on current account, paying interest only on such overdrafts. The loan of £4000 was accordingly paid off in May, and the Society was not again in debt to its Bankers until nearly the end of the year. The credit balance at the beginning of the year and the amount of the overdraft on December 31, 1903, together amount to just over £4000, so that in this respect the Society is practically in the same position as it was a year ago, with the advantage of having had to pay interest only during the few weeks in which the overdraft Exclusive of the repayment of the loan, the actual disbursements made during 1903 amounted to £30,143 1s. 2d., an actual decrease on the expenditure of the year before of £2315. The decrease in expenditure is really greater than the figures imply, for in the expenditure of the year 1903 there is included a payment of £463 for works carried out at Hanover Square in 1902, and the sum of £548, representing the outgoings on the Garden Guide account. Moreover, as will be explained later, a much greater amount of work has been carried on at the Gardens. The decrease in expenditure is the result of more efficient control, particularly in Provisions and Menagerie expenses; the saving on hay and clover amounted to about £750, and on provisions generally to over £1400, although the quantities required were equally great and the qualities were at least as good. It is difficult to follow the custom of past Reports exactly and to discriminate between "ordinary" and "extraordinary" expenditure, as the investigation of the Reorganisation Committee and the more detailed work of the Garden Committee throughout the year have made it plain that, apart from the building of new houses for the animals, extraordinary expenditure will have to be incurred for some time in bringing the Garden establishment into a condition of normal efficiency. The Council expect the expenditure of 1904 to exceed that of 1903 considerably, as a number of new works, planned and prepared for last year, will be finished this year.

c. Assets and Liabilities.

The statement of Assets and Liabilities issued with the Auditors' Report, and the condition of the List of Fellows, show that the Society is in a sound financial position. On the other hand, a special effort will be required in the next few years to provide a number of necessary new buildings, to complete the thorough restoration of the existing buildings, and to provide a fund to represent the amount of the composition fees that should have been invested in the past fifteen years. Although the number of Fellows is to-day greater than it has ever been in the history of the Society, it exceeds the number in 1838 by less than 400. Present Fellows are urged to make an effort to increase the Membership of the Society.

7. LEGACY TO THE SOCIETY.

The late Mr. Herbert Spencer, who died on December 8, 1903, made the Society one of the ultimate beneficiaries under his Will. His property has been vested in Trustees who are directed to carry on his work in Descriptive Sociology until its completion, or until 21 years after the death of the last survivor of all the descendants of the late Queen Victoria alive at the date of Mr. Spencer's death. Thereafter, the property is to be realised, and the sum given in equal parts to the Geological Society, the Geographical Society, the Linnean Society, the Anthropological Institute, the Zoological Society, the Entomological Society, the Astronomical Society, the Mathematical Society, the Physical Society, the Chemical Society, the Royal Institution, and the British Association, or such of them as shall then be in existence, or shall accept the gift, upon the condition in each case that the sum received shall, within five years from the date of payment, be spent by the Governing Body for the purchase or enlargement of premises, or for books or apparatus, or collections, or for furniture or repairs, or for equipment, or for travellers, and donations of instruments of research; but in no way or degree for purposes of endowment. Moreover, the Will directs that if the purposes to which the income

is to be applied by the Trustees do not absorb it, and if the balances accumulate to £6000, then £500 is to be given to each Society as an instalment of the ultimate benefaction and subject to the same conditions.

II. OFFICE, 3 HANOVER SQUARE.

1. Scientific Meetings.

To the twelve meetings for the despatch of scientific business held in the Society's Rooms in Hanover Square in 1903, 114 communications were made. Of these, 93 were from Fellows and 1 from a Corresponding Member. The remaining 20 papers were from individuals not belonging to the Society, and were communicated to it by the Secretary or by other Members. The corresponding number of communications in the year 1902 was 118.

These communications were submitted to the Committee of Publication, by which 75 were ordered to be printed in the 'Proceedings' and 1 in the 'Transactions,' such illustrations being in each case allowed as the Committee considered necessary for the purpose. Of the remaining communications abstracts or extracts were considered to be sufficient for publication.

2. ZOOLOGICAL LECTURES.

In accordance with the resolution of the Council on the the report of the Reorganising Committee, no Zoological Lectures were given in 1903, the proceeds of the Davis Bequest Fund being devoted to the payment of the Editor of the 'Zoological Record.'

3. Scientific Publications.

a. Proceedings.

As announced in the Report for 1900, the 'Proceedings' of the year are now issued in two volumes, each of which contains two parts.

The two volumes for 1903 contain altogether 780 pages

with 57 plates and 109 illustrations in the letterpress. In the following Table are given the numbers of plates and pages of the volumes of 'Proceedings' for the past ten years:—

| | plates. | pages. | | plates. | pages. |
|--------|---------|--------|--------|---------|--------|
| 1894 . | 49 | 780 | 1899 . | . 72 | 1108 |
| 1895 . | 56 | 1059 | 1900 . | . 62 | 1063 |
| 1896 . | 52 | 1110 | 1901 . | . 69 | 1144 |
| 1897 . | 57 | 1013 | 1902 . | . 68 | 813 |
| 1898 . | 66 | 1091 | 1903 . | . 57 | 780 |

b. Transactions.

Of the Society's quarto 'Transactions' three parts were published in 1903, viz.:—

VOL. XVI. PART VIII. (May, 1903).

Ecdysis, as Morphological Evidence of the Original Tetradactyle Feathering of the Bird's Fore-limb, based especially on the Perennial Moult in Gymnorhina tibicen. By Edward Degen, F.Z.S. (With 3 Plates, and Title and Index to Vol. XVI.)

Vol. XVII. PART I. (August, 1903).

A Revision of the Amblypodia Group of Butterflies of the Family Lycanida. By George T. Bethune-Baker, F.L.S., F.Z.S., &c. (With 5 Plates.)

Vol. XVII. PART II. (August, 1903).

Notes on the Transformations of some South-African Lepidoptera. By Lieut.-Colonel J. Malcolm Fawcett. (With 3 Plates.)

Another memoir, of which the title is subjoined, has been ordered by the Committee of Publication to be printed in the 'Transactions,' and will be proceeded with without delay:—

Monograph of the Fishes of the Family Loricariidæ. By C. Tate Regan, B.A., F.Z.S. (Read November 17, 1903.)

c. Zoological Record.

The 39th volume of the 'Zoological Record' (which contains a summary of the work done by zoologists all over the world in 1902), edited by Dr. David Sharp, F.R.S., was published and issued to the subscribers on December 31st, 1903.

d. List of the Institutions in receipt of the Society's Publications.

As no change was made during 1903, it is not necessary to reprint the list published in the Report for 1902.

4. LIBRARY.

The Library, under the superintendence of Mr. F. H. Waterhouse, the Society's Librarian, was maintained in good order throughout the year and has been much resorted to by working naturalists. Altogether 1770 visits were paid to it by Fellows and persons introduced by them. About 1400 volumes were borrowed from it under the usual regulations.

Amongst the many important additions to the Library made during the past year, special attention may be called to a collection of books bequeathed by the late John C. Galton, M.A., F.Z.S., the more important of which will be found in the following list of donations:—

Donor.

Donation.

British Museum...... Oates. Catalogue of the Collection of Birds' Eggs in the British Museum. Vol. III. 1903.

Austen. Monograph of the Tsetse-Flies. 1903.

Sharpe's Hand-list of Birds. Vol. IV. 1903.

Theobald. Economic Zoology. (1st Report.) 1903.

Hampson. Catalogue of the Lepidoptera Phalænæ. Vol. IV. 1903.

South. Catalogue of the Collection of Palæarctic Butterflies formed by the late J. H. Leech. 1902.

Bernard. Catalogue of the Madreporarian Corals. Vol. IV. 1903.

Catalogue of the Books, Manuscripts, Maps and Drawings. Vol. I., A-D. 1903.

Donation.

| | | Donation. |
|---|----------------------------------|--|
| X | Frederick Burgoyne | The Zoological Journal. 5 vols. 1825-35. |
| | J. J. Clarke | Protozoa and Disease. Part I. 1903. Synopsis Avium. Fasc. 11–14. 1903. Sányál. Hours with Nature. 1896. Stein. Herodoti Historiæ. 1884. |
| | John C. Galton | Newton. A Dictionary of Birds. 1893- 96. |
| | | Geikie. Text-book of Geology. 1882. Roget. Animal and Vegetable Physio- logy. 2 vols. 1834. Vayssière. Atlas d'Anatomie comparée |
| | | des Invertébrés. 1888. |
| | | Gervais. Eléments de Zoologie. 1871. Siebold. Anatomy of the Invertebrata. 1853. |
| | | Owen. The Principal Forms of the Skeleton and the Teeth. 1858. Wilson. Leisure-Time Studies, chiefly |
| | | Biological. 1878. Wilson. Chapters on Evolution. 1883. |
| | J. D. F. Gilchrist | Marine Investigations of South Africa. Vol. I. 1898–1902; Vol. II. Nos. 5, 8, 11, and 21. 1902–03. |
| | | Report of the South African Government Biologist for the years 1901-02. |
| | Ernst Haeckel W. H. Hudson | Anthropogenie. 5th ed. 2 vols. 1903. Hampshire Days. 1903. The Naturalist in La Plata. 1903. |
| | Hermann von Ihering | Revista do Museu Paulista. Vol. V. 1902. |
| | Walter Kidd | The Direction of Hair in Animals and |
| | Charles H. Lane | Man. 1903. All about Dogs. 1900. |
| | | Dog Shows and Doggy People. 1902. Rabbits, Cats, and Cavies. 1903. |
| | J. von Madarász J. G. de Man | Die Vögel Ungarns. 1899–1903. Die von Herrn. Prof. Kükenthal im Indischen Archipel gesammelten De- kapoden und Stomatopoden. 1902. |
| | P. Chalmers Mitchell | Metchnikoff; "The Nature of Man.' 1903. |
| | H.S.H. Albert, Prince of Monaco. | Résultats des Campagnes scientifiques accomplies sur son Yacht par Albert 1 ^{er} Prince Souverain de Monaco. Fasc. xxii-xxiv. 1902-03. |
| | E. B. Poulton | The Hope Reports. Vols. III. & IV. 1900-03. |
| | R. F. Scharff | Reports of the Royal Society of Ireland 1882-92, 1894, 1895, 1897. Cunningham. Early History of the Royal Society of Ireland. 1901. |

Donor.

Donation.

Birds that Hunt and are C. Davies Sherborn Blanchan. Hunted. 1898. Jacobsson. Animadversiones circa Crocodylum ejusque historiam. Diss. praes. A. J. Retzius. 1797. Schutz der Obstbäume gegen feindliche Otto Taschenberg Tiere. Ste Auflage. 1901. Geschichte der Zoologie und der zoologischen Sammlungen an der Universität Halle. 1694–1894. 'Siboga-Expeditie.' Livr. vi.-xi. 1903. Max Weber Rufford. Notes on British Hydroid Zoo-Henry Woodward phytes. 8vo. Hastings, 1902.

Some of the most important additions to the Society's Library purchased since the last Anniversary are the following:—

Anderson (John). The Zoology of Egypt: Mammalia. Revised and Completed by W. E. de Winton. 4to. London, 1902.

Bochart. Opera Omnia. 3 vols. Folio, Batavorum, 1692.

Davis (J. R. Ainsworth). The Natural History of Animals. Vols. 1-5. 8vo. London, 1903.

Dresser (H. E.). A Manual of Palæarctic Birds. 8vo. London, 1902-03.

Dutt (W. A.). The Norfolk Broads. 8vo. London, 1903.

Encyclopedia Britannica. Supplement. 11 vols. 4to. Edinburgh & London, 1902.

Huxley. Scientific Memoirs of. Supplement. 4to. London, 1903. Johnston (Sir H. H.). British Mammals. 4to. London, 1903. Klass (C. Boden). In the Andamans and Nicobars. 8vo. London,

1903.

Koch (C. L.). Die Myriapoden. 2 vols. 8vo. Halle, 1863.

Lesson (P.). Voyage autour du Monde sur la Corvette 'La Coquille.' 2 vols. 8vo. Paris, 1838.

Lodge (R. B.). Pictures of Bird Life 8vo. London, 1903.

Martyn (W. F.). A New Dictionary of Natural History. 2 vols. Folio. London, 1785.

Mascrier. Description de l'Egypte. 4to. Paris, 1735.

Moore (J. E. S.). Tanganyika Problem. 8vo. London, 1903.

Nelson (E. W.). Report upon the Natural History Collections made in Alaska. 4to. Washington, 1887.

Schneider (K. C.). Lehrbuch der vergleichenden Histologie der Tiere. 8vo. Jena, 1902.

—. Vitalismus. Elementare Lebensfunktionem. 8vo. Leipzig, 1903.

Scoresby (W.). Journal of a Voyage to the Northern Whale-Fishery. 8vo. Edinburgh, 1823.

Sherborn (C. D.). Index Animalium. Vol. i. 8vo. Cambridge, 1902.

Sokotra. The Natural History of Sokotra and Abd-el-Kuri. By W. R. Ogilvie-Grant and H. O. Forbes. 8vo. Liverpool, 1903. Trevor-Battye (A.). Lord Lilford on Birds. 8vo. London, 1903. Turner (L. M.). Contributions to the Natural History of Alaska. 8vo. Washington, 1886.

The following is a list of the principal zoological works in course of publication, of which parts were purchased in 1903:—

Africa (South). The Fauna of. Edited by W. L. Sclater. Birds. Vol. iii.

André. Species des Hyménoptères. Tome viii., fasc. 82, 83. Barrett. Lepidoptera of the British Islands. Parts xciv.-civ.

'Belgica.' Expedition Antarctique Belge. Actinarien, par O. Carlgren; Cétacés, par E. G. Racovitza; Acariens, par E. Trouessart, A. D. Michael et L. G. Neumann; Araignées, par E. Simon; Mollusques, par L. Joubin.

Biologia Centrali-Americana. Edited by F. DuCane Godman,

Zoology, Parts clxxvi.-clxxx.

Bronn's Thier-reich. Band ii. (*Echinoderma*), Lief. 62-64; Band iii. Suppl. (*Tunicata*), Lief. 37-43; Band iv. Suppl. (*Nemertini*), Lief. 18-22; Band v. (*Arthropoda*, Lief. 66-68; Band vi. Abth. i. (*Pisces*), Lief. 9-12.

Buckton. Monograph of the Membracidæ. Parts v., vi.

Distant's Insecta Transvaaliensia. Parts iii., iv.

Fasciculi Malayenses. Zoology. Part i. Fauna Hawaiiensis. Vol. iii. Parts ii.-iv.

Hertwig. Handbuch der vergleichenden und experimentellen Entwickelungslehre der Wirbeltiere. Lief. 10-13.

Hofmann. Die Schmetterlinge Europas. 3te Aufl. Von A. Spuler. Lief. xii.-xix.

India. Fauna of British India. Hymenoptera, vol. ii. By C. T. Bingham.

Kobelt. Iconographie der schalentragenden europäischen Meeresconchylien. Band iii., Lief. 2-4.

—. Rossmässler's Iconographie der europäischen Land- und Süsswasser-Mollusken. N. F. Band x., Lief. 1-4.

Leuckart und Chun. Bibliotheca Zoologica. Hefte xxxix.-xli. Maldive and Laccadive Archipelagoes. Vol. i. Parts 1-4; Vol. ii. Parts 1, 2.

Martini und Chemnitz. Conchylien-Cabinet. Lief. 477-484.

Moore. Lepidoptera Indica. Parts 61-66.

Naumann's Naturgeschichte der Vögel Deutschlands. Lief. 114-137.

Patagonia. Princeton University Expeditions, 1896-99. Vol. v. Palæontology (2 parts). Vol. viii. Botany (1 part).

Reichenow (A.). Die Vögel Afrikas. Band ii., Hälfte 2. 8vo. Neudamm, 1903.

Retzius. Biologische Untersuchungen. Neue Folge. Bd. x. Rey. Die Eier der Vögel Mitteleuropas. Lief. 15-16.

Römer and Schaudin. Fauna Arctica. III., Lief. 1, 2.

Rothschild. Novitates Zoologicæ. Vol. ix. Supplement; Vol. x. nos. 1-3.

Selenka. Studien über Entwickelungsgeschichte der Tiere. Heft. x.-xii.

Seth-Smith. Parrakeets. Parts 4-6.

Taylor. Land and Freshwater Mollusca of the British Islands. Part ix.

Tierreich. Lief. 18, 19.

'Travailleur' et 'Talisman.' Expéditions Scientifiques, pendant les Années 1880-83. Cirrhipedes, Opistobranches, Nemertiens et Holothuries.

Tryon. Manual of Conchology. Ser. 2, Parts lviii.-lxii.

'Valdivia.' Wissenschaftliche Ergebnisse der Deutschen Tiefsee-Expedition auf dem Dampfer 'Valdivia' 1898-99, Band iii.; Band v. Lief. 1.

Wytsman. Genera Insectorum. Fasc. 10-17.

The following is a list of the periodicals received in 1903 from the various Societies and Institutions with which this Society is in correspondence.

AFRICA.

Cape Town: S. Afr. Mus., Annals, iii. (2, 3); Report 1901, 1902.

S. Afr. Phil. Soc., Trans. xii. (pp. 561-920); xiv. (parts 1-4).

AMERICA (North).

Boston: Amer. Acad. of Arts & Sci., Proc. xxxviii., nos. 4-26; xxxix., nos. 4, 5.

Bost. Soc. Nat. Hist., Proc. xxx., nos. 3, 7; xxxi., no. 1; Memoirs, v., nos. 8, 9.

Brooklyn: Inst. of Arts & Sci., Bull. i., nos. 1-3.

Buffalo: Soc. Nat. Sci., Bull. viii., nos. 1-3.
Cambridge, Mass.: Mus. Comp. Zool. Harvard Coll., Bull. xxxviii.
(Geol. Ser.) no. 8; xxxix., nos. 6, 8; xl., nos. 4, 7;
Mem. xxvi., no. 4; and xxviii.; Annual Rep. 1902-03.

California: Acad. Sci., Proc. ser. 8 (Zool.) iii., nos. 5, 6; (Math.-Phys.) i., no. 8; Mem. iii.

Chicago: Field Columbian Mus., Rep. Ser., ii., no. 2; Zool. Ser., iii., nos. 7-11.

Halifax: Nova Scotian Inst. Sci., Proc. & Trans. x., parts 3, 4.

Montreal: Roy. Soc. Canada, Proc. & Trans. ser. 2, viii. New Haven: Connecticut Acad. of Arts & Sci., Trans. xi.

New York: Amer. Mus. Nat. Hist., Bull. xix., List of Papers in the Bull. & Mem. i.-xvi.; Ann. Rep. 1902; Journ. iii. nos. 1-3, 5.

" N. Y. Acad. Sci., Annals, xiv., part 3; xv., part 1.

" Linn. Soc., Abstract of Proc. 1900-02.

Ottawa: Geol. Surv. Canada, Rep. N. S. xii.; Catalogue of Canadian Birds, part 2, by J. Macoun. Philadelphia: Acad. Nat. Sci., Proc. liv., parts 2, 3; lv., parts 1, 2; Entomol. News, xiv., nos. 1-8; Journ. ser. 2, xii., nos. 1-3.

" Amer. Ent. Soc., Trans. xxix., nos. 1-3.

", Amer. Phil. Soc., Proc. xli., no. 171; xlii., nos. 172, 173.

Toronto: Univ. of Toronto, Studies (Biol. Ser.), no. 3.

Urbana: Illinois State Lab. Nat. Hist., Bull. vi., article 2; Biennial Rep. 1899-1900.

Washington: Biol. Soc., Proc. xvi., pp. 1-170.

"Smiths. Inst., Ann. Rep. 1901 (1903), 1902 (1903); Contr. to Knowledge, no. 1373; Miscell Coll. nos. 1372, 1376; Annals of Astrophysical Observ., i.

" U.S. Nat. Mus., Bull. lii.; Proc. xxii., xxv.; Ann. Rep.

1901 (1903).

" U.S. Fish Comm., Bull. xx., xxi.; Rep. 1901 (1902).

", U.S. Geol. Surv., Monographs, xlii., xliii., xliv. and Atlas; Ann. Rep. xxii., xxiii.; Bull. nos. 65, 79, 191, 195-200, 209-217; Professional Papers, nos. 1-8 (1902).

" U.S. Dep. Agric. (Division of Entomol.), Bull. N. S. no. 41.

" Washington Ac. Sci., Proc. v., pp. 1-229.

AMERICA (South).

Buenos Ayres: Nat. Mus., Anales, ser. 3, i., entr. 1, 2; ii., pp. 81-192.

Cordova: Nat. Acad. Sci., Boletin, xvii., entr. 2, 3.

Demerara: Roy. Agric. Comm. Soc. Brit. Guiana, Journ. 1902 (1903). Montevideo: Nat. Mus., Anales (Flora Uruguaya), ii., pp. 1-160.

Pará: Goeldi Mus., Boletim, iii., nos. 3, 4. Santiago: Sci. Soc. Chili, Actes, xii., livr. 1, 2.

AUSTRALIAN COLONIES.

Adelaide: Roy. Soc. S. Austr., Trans. xxvi., xxvii., part 1; Mem. ii., no. 1.

Melbourne: Roy. Soc. Vict., Trans. & Proc. xv., part 2; xvi., part 1. Sydney: Austr. Mus., Records, iv., part 8; v., part 1; Nests & Eggs of Birds of Australia, part 3, by A. J. North.

" Linn. Soc. N.S.W., Proc. xxvii., part 4; xxviii., parts 1-3

& Suppl. ,, Roy. Soc. N.S.W., Journ. & Proc. xxxvi. (1903). Wellington: New Zeal. Inst., Trans. & Proc. xxxv. (1903).

AUSTRIA-HUNGARY.

Budapest: Roy. Hung. Mus., Annales, i., part 1 (1903). Cracow: Acad. Sci., Bull. 1903, nos. 1-9; Proc. xxxvi.

Vienna: Imp. Acad. Sci., Denkschr. lxxii.; Sitzungsb. cx., Hefte 8-10; cxi., 1-9; Anzeiger 1903, nos. 1-27.

" Zool. Bot. Soc., Abhandl. ii., Heft 2; Verhandl. liii.

BELGIUM.

Brussels: Ent. Soc. Belg., Annales, xlvi.

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Roy. Acad. Sci., Mém. couronnés (4to.), lx., lxi., lxii.; (8vo.), lxii., fasc. 1-4; lxiii., fasc. 1-7; Bull. 1902, nos. 9-12; 1903, nos. 1-10; Annuaire, 1903.

,, Roy. Malac. Soc., Annales, xxxvii.

" Roy. Nat. Hist. Mus., Extract de Mém. ii.

EAST INDIES.

Batavia: Roy. Soc. Dutch East Indies, Natuurkundig Tijdschrift, deel lxii.

Bombay: Bombay Nat. Hist. Soc., Journ. xiv., nos. 4, 5; xv., nos. 1, 2. Calcutta: Asiat. Soc. Bengal, Proc. 1902, no. 6; 1903, nos. 1-5; Journ. lxxi., part 2, nos. 2, 3; lxxii., nos. 1, 2; Journ. (Anthropology), N.S. lxxi., part 3, no. 2; lxxii. no. 1.

Geol. Surv. India, Mem. xxxii., part 3; xxxiii., part 3; xxxiv., parts 1, 3; xxxv., parts 1, 2; Mem. (Palæontologia Indica), ser. 9, iii., part 2, no. 1; Report 1902-03;

Contents & Index to Rep. xxi.-xxx.

Indian Museum Notes, ii., nos. 6, 7; iv., nos. 1, 4-6; v., nos. 1-4; Report 1901-02; Illustrations of Zoology of the Royal Indian Marine Survey Ship 'Investigator' (Crustacea), part 10, plates 56-67.

Colombo: Roy. Asiat. Soc. Ceylon Branch, Journ. xvii.

Colombo Museum: 'Spolia Zeylanica,' i., parts 1-3 (1903).

FRANCE.

Caen: Linn. Soc. Normand., Bull. sér. 5, v., vi.; Mém. xx.. fasc. 1-3. Lyons: Roy. Agric. Soc., Annales, sér. 7, ix., x.

Paris: Mus. Nat. Hist., Nouv. Archives, sér. 4, iii., fasc. 2; iv., fasc. 1, 2; Bull. 1902, nos. 3-8; 1903, nos. 1-4.

" Nat. Soc. Acclim., Bull. 1903.

" Philomath Soc., Bull. sér. 9, iv., nos. 3, 4; v., nos. 1-2.

" Zool. Soc. France, Mém. xv., parts 3, 4; Bull. xxviii., nos. 1-5; Causeries Scientif. 1900, nos. 6-9.

Rennes: University of Rennes, Travaux Scientifiques, i., ii., fasc. 1-2.

GERMANY.

Berlin: Roy. Pruss. Acad. Sci., Abhandl. 1902; Sitzungsb. 1903.

" Soc. Friends of Nat. Hist., Sitzungs-Berichte, 1903.

Bonn: Nat. Hist. Union of Rhineland & Westphalia, Verhandl. Jahrg. lix., Hälfte 2; Sitzungsb. 1902, Hälfte 2.

Frankfort-on-Main: German Malac. Soc., Nachrichtsblatt, 1903, nos. 1-4.

New Zool. Soc., Der Zoologische Garten, Jahr. xliv.

"Senckenb. Nat. Hist. Soc., Abhandl. xx., Heft 4; xxv., Heft 4; xxvii., Heft 1.

Freiburg: Nat. Hist. Soc., Bericht, xiii.

Göttingen: Roy. Soc. Sci., Nachrichten (Mathem.-physikal. Klasse), 1902, Heft 6; 1903, Hefte 1-5; (Geschäftliche Mittheil.), 1902, Heft 2; 1903, Heft 1.

Hamburg: Nat. Sci. Union, Verhandl., 3 Folge, x. (1902); Abhandl. xviii.

Jena: Med. & Nat. Hist. Soc., Jenaische Zeitschrift, xxxvii., Hefte 2-4; xxxviii., Hefte 1, 2; Denkschr. viii., Lief. 6; x., Lief. 1.

Munich: Roy. Bavarian Acad. Sci., Sitzungsb. 1902, Heft 3; 1903, Hefte 1-3.

Münster: Westphalian Prov. Un. Sci., Jahres-Bericht, xxxi. (1903). Würtemberg: Nat. Hist. Union, Jahreshefte, Jahrg. lix.

GREAT BRITAIN and IRELAND.

Belfast: Nat. Hist. & Phil. Soc., Rep. & Proc. 1902-03; A Guide to Belfast, etc., 1902.

Cambridge: Phil. Soc., Proc. xi., part 7; xii., parts 1-4.

Dublin: Roy. Dublin Soc., Scientif. Trans. ser. 2, vii., parts 14-16; viii., parts 1-5; Scientif. Proc., n. s. ix., part 5; x., part 1; Economic Proc. i., parts 3, 4.

Roy. Irish Acad., Proc. (Sec. B.), xxiv., no. 3; Trans. xxxii., no. 2.

Edinburgh: Roy. Phys. Soc., Proc. Session 1901-02.

Roy. Soc., Proc. xxiv., no. 4; xxv., no. 1; Trans. xl., parts 1, 2; xlii.

Scot. Micros. Soc., Proc. iii., no. 3.

Hertford: Hert. Nat. Hist. Soc., Trans. xi., parts 5-9. London: Brit. Assoc., Report, 72nd Meeting, Belfast, 1902.

" Brit. Ornith. Club, Bull. nos. xciii.-c.

" Entom. Soc., Trans. 1902, part 5; 1903, parts 1-4.

Geol. Soc., Quarterly Journ. lix.; Geol. Literature added to the Library, 1902; List of Members, 1903.

Linn. Soc. Journ. (Zool.), xxviii., no. 186; xxix., nos. 187, 188; (Botany), xxxv., nos. 246, 247; Trans. (Zool.), ser. 2, viii., nos. 9-12; ix., nos. 1, 2; (Botany), ser. 2, vi., nos. 4-6; Proc., Nov. 1902 to June 1903.

, South Lond. Ent. & Nat. Hist. Soc., Proc. 1902.

", Royal Gard. Kew, Bull. App. 1903, nos. 2, 3; 1904, no. 1.

" Roy. Geogr. Soc., Geographical Journ. xxi., xxii.

Roy. Inst., Proc. xvii., part 1; List of Members, 1903.

Roy. Soc., Phil. Trans. (ser. B), vol. 195; Proc. lxxi., nos. 460-476; lxii., nos. 477-486; Report on the Malaria Committee, ser. 8(1901-02); Report on Sleeping Sickness Commission, nos. 1-4; Report of the Ceylon Pearl Oyster Fisheries, by W. A. Herdman.

Roy. Unit. Serv. Inst., Journ. 1903.

", Selborne Soc., Nature Notes, xiv.; Ann. Rep., 17th, 1903.

Manchester: Lit. & Phil. Soc., Mem. & Proc. xlvii., parts 3-6. Owens Coll., Publications, nos. 44-46 & 48.

York: Yorks. Phil. Soc., Ann. Rep. 1902.

HOLLAND.

Amsterdam: Roy. Acad. Sci., Verhandel. sect. 2, ix., nos. 4-9; Verslagen der Zittingen, xi., 1902-03; Verslag in Mededeel (4) v.; Jaarboek, 1902; Proc. (Section of Science), v. Haarlem: Dutch Soc. Sci., Archives Néerlandaises, sér. 2, viii. livr. 1-5; Verhandelingen, v., part 3.

The Hague: Entom. Soc. Nether., Tijdschr. voor Entom. xlv., Afl. 3, 4; xlvi., Afl. 1, 2; Entomol. Berichten, nos. 7-12.

Leyden: Mus. Nat. Hist., Notes, xxiv.

ITALY.

Florence: Nat. Centr. Library, Bollettino, 1903, num. 26-36.

Milan: Ital. Soc. Nat. Sci., Atti, xli., fasc. 4; xlii. Naples: Zool. Stat., Mittheilungen, xvi., Hefte 1-3. Rome: Roy. Acad. Lincei, Atti (Rendiconti), ser. 5, xii.

Turin: Mus. Zool. Comp. Anat. Roy. Univ., Bollettino, xvii., nos. 416-432.

" Roy. Acad. Sci., Atti, xxxviii., Disp. 1-15; Mem., ser. 2, lii., liii.

JAPAN.

Tokyo: Imp. Univ., Journ. of the College of Sci., xvi., Art. 15; xvii., Art. 2, 12; xviii., Art. 1-4; xix, Art. 1, 5-8, 10; Mittheil. vi., part 1; Annotationes, iv., parts 4, 5.

PORTUGAL.

Lisbon: Roy. Acad. Sci., Jornal, ser. 2, vii., no. 25.

ROUMANIA.

Jassy: Univ. of Jassy, Annales Scientifiques, ii., nos. 2-4.

RUSSIA.

Dorpat: Nat. Hist. Soc., Archiv für Naturkunde, ser. 2, xii., Lief. 2; Sitzungsb. xiii., Heft 1; Skriften, xi.

Moscow: Imp. Soc. Nat., Bulletin, 1902, nos. 3, 4; 1903, no. 1.

St. Petersburg: Entom. Soc. Russia, Horæ, xxxvi.

Roy. Acad. Sci., Annuaire, vii., no. 4; viii., no. 1; Bull. sér. 5, xiii., nos. 4, 5; xiv.-xvii., nos. 1-4; Mémoires, sér. 8, xi., nos. 1, 5-7, 10, 11; xii., nos. 4, 6-8, 10; xiii., nos. 3, 5, 7.

SCANDINAVIA.

Bergen: Bergen Mus., Naturen, 1903; Aarbog, 1902, part 3; 1903, parts 1, 2; Aarsberetning, 1902; Account of the Crustacea of Norway, iv., parts 13, 14, by G. O. Sars.

Christiania: Soc. Sci., Forhandlingar, 1902; Skrifter, 1902.

Copenhagen: Nat. Hist. Soc., Videnskabelige Meddelelser, Aarat 1902, 1903.

" Mus. Zool. Univ. of Copenhagen, 'Danish Ingolf-Expedition,' iv., part 1.

Roy. Dan. Soc. Sci., Översigt, 1902, no. 6; 1903, nos. 1-5; Skriften (Mémoires), ser. 6, xi., no. 6; xii., nos. 3-5.

Stockholm: Roy. Swed. Acad. Sci., Översigt, lix.; Handlingar, N.F. xxxvi., xxxvii. nos. 1-2; Bihang, xxviii.; Arkiv, i., Hälfte 1, 2; Aarbog 1903.

Upsala: Roy. Soc. Sci., Nova Acta, ii., iv.-vii.

SPAIN.

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Donations, Memoirs, and Papers have also been received from: -L. E. Adams, Esq.; H.S.H. the Prince Albert de Monaco; H. A. Allen, Esq.; A. Alcock, Esq.; Dr. F. Ameghino; The Editors of the 'American Journal of Science'; The Editor of the 'Athenaum'; the Avicultural Society; William Bateson, Esq.; the Bergen Museum; the Bristol Museum; Prof. R. Burckhardt; the Zoological Gardens, Cairo; Museum of Zoology, Cambridge; the University of Cincinnati; A. Cligny, Esq.; the Editor 'Field Naturalist's Quarterly'; Capt. Stanley S. Flower; Messrs. R. Friedländer & Sohn; Dr. E. A. Goeldi; R. J. L. Guppy, Esq.; the Hampstead Scientific Society; the Hopkins Seaside Laboratory; Capt. F. W. Hutton; the Royal Zoological Society of Ireland; Mons. C. Janet; the John Crerar Library; Prof. Kölliker; the Free Public Museum, Liverpool; W. Lockhead, Esq.; the London University College; Dr. E. Lönnberg; Alexander Meek, Esq.; Dr. P. Chalmers Mitchell; the Editor of 'Nature'; the New Zealand Department of Agriculture; F. Nicholson, Esq.; Prof. L. Osborn; the Otago Acclimatisation Society; the Pennsylvania University; R. C. L. Perkins, Esq.; the Zoological Society of Philadelphia; the Philippine Museum; Count T. Salvadori; Dr. R. F. Scharff; Dr. P. L. Sclater; the Fishery Board of Scotland; the Marine Biological Association, West of Scotland; C. Davies Sherborn, Esq.; Dr. R. W. Shufeldt; J. C. Smith, Esq.; the South Australian and Acclimatisation Society; the Trivandrum Museum; Mons. E. Trouessart; the University College Hospital; the Zoological and Acclimatisation Society of Victoria; F. H. Waterhouse, Esq.; G. A. Waterhouse, Esq.; the Wellcome Physiological Research Laboratory; the Colonial Museum, Wellington, N.Z.; Herluf Winge, Esq.; Dr. Henry Woodward.

III. THE GARDENS, REGENT'S PARK.

1. NEW WORKS AND REPAIRS.

The Report of the Reorganisation Committee made it plain that very much was required to bring the Gardens into a condition worthy of the Society, and although it was inevitable that in the first year the results of the new efforts would not be so conspicuous as, it is hoped, they will prove in the second and third years, the Council believe that very great progress has been made. The order in which improvements were undertaken had to be determined by considerations of cost and of convenience, and Fellows who are interested in any particular part of the Collection are asked to remember that everything cannot be done at once. The chief alterations and improvements that were wholly or nearly finished within the year are as follows:—

NORTH GARDEN.

NORTHERN STABLES.—These new buildings consist of a series of well-ventilated stables, each provided with railed court-yards. They have been erected on part of the waste ground beyond the Insect-House, and form an addition to the public part of the Gardens.

INSECT-HOUSE.—This has been reglazed, painted, and

thoroughly restored.

Cranes' Paddocks.—The North Bank of the Canal from the Insect-House to the East end of the Gardens has been turfed and laid out in paddocks, with running water and rock-work. These provide the Cranes with a more natural home and surroundings which serve to display these birds to greater advantage.

MIDDLE GARDEN.

WILD Asses' House.—This has been painted and the roof repaired.

GIRAFFE AND HIPPOPOTAMUS Houses.—The roofs of these houses have been repaired and new ventilating lanterns have been put in; the gutters have been repaired, and the rain-water drainage, which was defective, has been put right. The greater part of the interior has been repaired.

The Superintendent's House.—The drainage of this has been thoroughly restored. Extensive alterations and additions have been made to the House, making it suitable for the occupation of the new Superintendent, and also providing proper office accommodation.

Suricates' Cage.—A new iron house with glass roof, and containing two large compartments, has been set up in the corner of the Beavers' Yard. This is suitable for burrowing Mammals, and the Suricates, which have hitherto been housed in small cages, have been placed in it.

Canal-Bank Aviary.—A portion of the Canal Bank, opposite the Moufflons's Yard, and not sufficiently strong to bear heavy buildings, has been utilised by the construction of a large Aviary. This consists of an iron framework resting on concrete foundations and covered with wire netting. It is about 75 feet long, 52 feet wide, and over 30 feet high. The interior contains a number of pollarded trees with nesting-boxes, and is laid out with running water, making several pools, and grass and shrubs.

SMALL Mammals' Out-door Cage.—This large structure, which consists of an iron framework resting on concrete foundations and covered with wire netting, has been set up near the canal bridge, and is designed for the occupation of any hardy small mammals. Almost as soon as it was ready, a Snow Leopard, presented by Captain J. B. Mackintosh, R.G.A., arrived from the Pamirs, and this beautiful animal, which otherwise would have had to be placed in a small cage, found suitable and healthy quarters in it.

THE KANGAROO SHEDS have been painted, and the courtyards attached to them have been reglazed. The provision of an outdoor paddock for these animals falls within the work of 1904.

SOUTH GARDEN.

Western Aviary.—This fine Aviary has been thoroughly restored, the alterations including reglazing the whole of the roof, rewiring all but a small portion done in 1902, painting the whole building within and without, and thoroughly doing up the outer cages.

Monkey-House.—This has been painted inside and out-

side, and many repairs done to the cages.

GREAT AVIARY.—This has been rewired and the iron-standards scraped and repaired, and the whole structure

painted.

EASTERN AVIARY.—The roof has been reglazed, and the houses painted inside, whilst new concrete floors have been made for the outer cages. This Building requires to be

rewired, when it will be thoroughly restored.

NEW PHEASANTRY.—The old Eastern Pheasantry, which was in a very bad condition, has been removed, and in its place, stretching from the South Gate to the Reptile-House, a large range of new Pheasantries has been erected. This consists of a series of wooden houses, each provided with a long courtyard, wired over, and furnished with turf and shrubs.

The Old Fish-House, renamed the Diving-Birds' House, has been thoroughly restored, the old drains and cesspools having been removed and a modern system provided, the floor being concreted and drained. The whole building has been re-roofed, painted within and without, and put in thorough order. A very large glass tank, suitable for the exhibition of the Diving Birds, has been set up on a concrete arch in the interior of the House, and new cages have been provided for the birds. This house, until recently one of the most dilapidated structures in the Gardens, is now extremely attractive.

NEW KITES' AVIARY.—A new range of buildings, suitable for the smaller Birds of Prey, has been erected on the Eastern Boundary Walk, near the Refreshment

Rooms.

DRAINAGE OF THE REFRESHMENT ROOMS.—A complete new system has been put in, the old brick-drains and cesspools having been removed.

SMALLER REPAIRS AND RESTORATIONS have been made to very many houses and buildings; the back premises have been overhauled; the boundary fences have been repaired and further protected with barbed wire; walks have been made up and drained; the canal bridge, the tunnel, and the clock tower have been repaired and painted.

Provision Against Fire.—By arrangement with the General Post Office and the London County Council, telephonic communication has been established between the Lion House, the Superintendent's Office, and the County Council Fire-station at Camden Town. A set of Fire Hydrants with the necessary hose has been provided.

TELEPHONIC COMMUNICATION WITH HANOVER SQUARE.—
The old Telegraph Wire from the Office to the Gardens has been replaced by a private telephone wire so that the Gardens can be in communication with the Central Office, or through that with the Exchange at any hour of the day or night.

New Works in progress.

SMALL Mammals' House.—In 1903, the Council decided to proceed with the provision of proper accommodation for the Smaller Mammals, and the plans for a New House were settled on. The work was begun early this year.

New Lodge for Keepers.—The accommodation for the keepers who sleep in the Gardens being very unsatisfactory, the Council decided on the erection of a new building, to provide a residence for a head-keeper, and living and sleeping accommodation for keepers. The plans were approved in 1903 and the work was begun early this year.

2. Sanatorium.

In accordance with the promise of the Chairman at the Annual General Meeting in 1903, the Council have taken into consideration the establishment of a Sanatorium at some distance outside London. The Council have come to the conclusion, however, that while it would be desirable to keep this in view, the funds of the Society do not admit of proceeding with it at present.

3. STAFF AT THE GARDENS.

Many changes have taken place in the course of the

year.

Superintendent until Nov. 30, when he took leave of absence until the end of the year, at which time his resignation took effect. The Council, in December 1903, appointed Mr. R. I. Pocock, who was selected from a large number of applicants, to the post of Resident Superintendent, and Mr. Pocock took up his duties on Jan. 1, 1904.

Storekeeper.—E. Swinburne, the late Storekeeper, left the service of the Society early in the year, and F. Boswell was appointed in his place. It is satisfactory to note that a very great saving has been brought about

in the cost of provisions.

CLERK OF THE WORKS.—C. Clifton, late Clerk of the Works, left the service of the Society early in the year, and W. Ball was appointed in his place. The Council consider that the change has been of great advantage to

the Society, both in efficiency and economy.

At the end of 1903, the Ordinary Staff at the Gardens consisted of 111 persons, of whom 26 were on the monthly books and 85 were employed on weekly wages. There were in addition from time to time a number of others, employed temporarily by the Society or engaged by contractors for special jobs.

Menagerie Staff.

1 Superintendent.

1 Assistant Superintendent.

1 Head Keeper.

18 Keepers.

22 Helpers.
1 Stableman.

1 Storekeeper.

2 Butchers.

2 Stokers.

2 Night-Watchmen.

1 Cook.

3 Money Takers.

1 Office Clerk.

1 Office Boy.

Works Staff.

1 Clerk of the Works.

4 Carpenters.

1 Bricklayer.

1 Smith.

3 Wireworkers.

1 Engine-driver.

1 Networker.

9 Painters.

15 Labourers.

1 Time-keeper.

Gardener's Staff.

1 Head Gardener. 10 Garden Labourers.

3 Propagators. 1 Boy.

Prosectorium Department.

1 Prosector. | 1 Assistant. took effect. The Council to December 1903, appointed

4. Visitors.

I I Pocock who was selected trust a large mumber

The weather during practically the whole of the summer months of 1903 was extremely unfavourable, the number of wet Mondays being specially great. The total number of Visitors to the Gardens amounted to 657,208, classified as follows:—

| Fellows and Companions | 21,861 |
|---|----------|
| Do. Saturday orders | 13,962 |
| Do. Sunday orders | 43,599 |
| Do. Green tickets | 71,913 |
| Do. Buff tickets | 11,073 |
| Do. Ivory tickets | 967 |
| Honorary Admission tickets | 1,275 |
| Red tickets (Complimentary) | 1,761 |
| Artists' tickets | 1,317 |
| Excursion tickets (reduced price) | 3,555 |
| Single tickets sold in office at ordinary price | 257 |
| Paying visitors at 1s. each | 168,940 |
| Do. Mondays and other days at 6d. each | 240,059 |
| Do. Children at 6d. each | 54,552 |
| Staff | 171 |
| Charity, National, and Board School Children | |
| (admitted free) | 21,946 |
| State County County States | aninh be |
| | 657,208 |
| | - |

The number of Visitors to the Society's Gardens in every year since their opening in 1828 is given in the subjoined table :-

Number of Visitors to the Gardens, 1828-1903.

| Year. Number. | Year. Number. |
|--|--|
| 1828 98,605 | 1866 527,349 |
| 1829 189,913 | 1867 556,214 |
| 1830 223,420 | 1868 573,186 |
| 1831 262,193 | 1869 572,848 |
| 1832 206,652 | 1870 573,004 |
| 1833 211,343 | 1871 595,917 |
| 1834 208,583 | 1872 648,088 |
| 1835 210,068 | 1873 713,046 |
| 1836 263,372 | 1874 706,907 |
| 1837 173,778 | 1875 699,918 |
| 1838 179,197 | ±1876 915,764 |
| 1839 158,432 | 1877 781,377 |
| 1840 141,009 | TOPO HOOFTO |
| 1841 132,616 | 1878 706,713 1879 643,000 |
| 1842 107,459 | 1880 675,979 |
| 1010 00 000 | 1881 648,694 |
| 1843 98,280 1844 101,527 | 1882 849,776 |
| 1845 99,615 | 1883 743,485 |
| 1846 100,045 | 1884 745,460 |
| 1847 02 546 | 1005 650 806 |
| 1848 143,630 | 1886 639,674 |
| 1849 168,895 | 1887 562,898 |
| 1850 360,402 | 1888 608,402 |
| *1851 667,243 | 1889 644,579 |
| 1852 305,203 | 1890 640,987 |
| 1853 409,076 | 1891 598,730 |
| 1854 407,676 | 1892 605,718 |
| 1855 315,002 | 1893 662,649 |
| 1856 344,184 | 1894 625,538 |
| 1857 339,217 | 1895 665,326 |
| 1858 351,580 | 1896 665,004 |
| 1859 364,356 | 1897 717,755 |
| 1860 394,906 | 1898 710,948 |
| 1861 381,837 | 1899 696,707 |
| †1862 682,205 | 1900 697,178 |
| 1863 468,700 | 1901 725,685 |
| 1864 507,169 | 1902 694,496 |
| 1865 525,176 | 1903 657,208 |
| * Year of the Great Exhibition. † Year of the International Exhibition | I Year of the exhibition of the Prince |

begun in 1870, shall be continued, and in these, which

5. EXCURSION TICKETS.

The following reduced prices for Excursion Tickets for Parties of not less than 50 for any fixed date (except Sunday) are now in operation, viz.:—

ADULTS.

50 to 100 @ 9d. each. 101 to 250 @ 8d. each. 251 to 500 @ 7d. each. 501 and upwards @ 6d. each. CHILDREN UNDER 12 YEARS. 50 to 100 @ 5d. each. 101 to 250 @ 4d. each. 251 and upwards @ 3d. each.

If the date fixed for the proposed visit to the Gardens should, through unforeseen circumstances, be found unsuitable, the Tickets, upon being returned to the Office, may be endorsed for another day during the year of issue.

Special packets of School Excursion Tickets for the admission of 25 School Children (under 14 years of age) and one Teacher, may now be obtained for any fixed date (except Sunday) at the Society's Office, 3, Hanover Square, W., at the reduced price of eleven shillings (11s.) per packet.

6. PROSECTORIAL DEPARTMENT.

Under the control of the new Committee, which meets monthly, work has been actively prosecuted in this department. Mr. F. E. Beddard, F.R.S., was appointed chief of the department, with special control of the anatomical side. Dr. Charles Gabriel Seligman, late Pathologist at St. Thomas's Hospital, was appointed Pathologist to the Society, but was allowed to defer taking up his appointment until his return from the Cancer Expedition to New Guinea. In the meantime, Dr. R. N. Salaman, a member of the Committee and Director of the Pathological Institute at the London Hospital, very kindly undertook to make post-mortem examinations of the bodies in the cases of the more important deaths. The Council have much pleasure in stating the indebtedness of the Society to Dr. Salaman for his arduous and valuable services. The Committee has arranged that the series of Prosector's death-books, begun in 1870, shall be continued, and in these, which may be seen at the Prosectorium, an entry is made for every animal that dies. For various reasons, however, it is not possible to give a diagnosis of the cause of death in every case; a large number of animals do not belong to the Society, and the bodies have to be returned to their owners untouched; in certain cases, where the specimens are rare and of value for anatomical purposes, an examination for the purpose of determining the cause of death is not possible. In all cases where a special pathological investigation can be made, the result of that enquiry is entered in a special book, for the guidance of the Garden Committee and Superintendent. In keeping these records of deaths, a distinction is now made between those animals that have lived for some time in the Gardens and the large number which arrive in a diseased or worn out condition.

The Prosector of the Society, Mr. F. E. Beddard, F.R.S., reports as follows:—

"The work carried out in this department during the year may be divided into five categories, viz.:—(1) Deaths in the Menagerie and Postmortems; (2) Anatomical research carried out in the Laboratory: (3) Material supplied to anatomists elsewhere and to Museums, &c.; (4) Preservation and storing of material for anatomical and histological work; (5) Information given by letter or to visitors upon zoological matters.

"(1) Deaths during the year and Postmortems thereon.

The total number of deaths during the year 1903 was 1398, 64 less than in the preceding year, distributed as follows:—

| Reptiles, | A | m | ph | iibi | a, | and | F | ishe | es | | | 660 |
|-----------|---|---|----|------|-----|--------|---|------|------|----|------|-----|
| Birds . | 1 | | | SECT | 1 | 14.40 | 1 | 1911 | deli | 3. | aria | 428 |
| Mammal | S | | | | 135 | SEREIN | | | | | | 310 |

Of this total number, nearly one half were cases of animals that died within a few days after arrival in the Gardens, sometimes in a moribund condition, and often exhausted by their journey. Wherever possible, the cause of death was ascertained and entered in the Society's books.

"(2) Anatomical Research carried out in the Laboratory.

The work of the successive Prosectors has been, since the institution of the office in 1865, mainly devoted to comparative anatomy. During the past year the Prosector has published six memoirs in the 'Proceedings'; and since the beginning of 1904 has communicated five other memoirs to the scientific meetings which have been ordered to be published and which will appear in due course. With the exception of one paper (based upon some Oligochæta entrusted to the Prosector for study by the Director of the Natural History Museum), these deal with the structure of animals which have died in the Menagerie, and are concerned with the description of new facts in the anatomy of the vascular system of Ophidia and Lacertilia, of the brain in various mammals, of the skeleton and other features in certain birds, &c. A large proportion of the memoirs published by the Society in the 'Proceedings' and dealing with the Anatomical side of Zoology, consists of work done during the year by the Prosector.

The Prosector has given assistance to a number of gentlemen who have investigated various anatomical questions in the Laboratory. Dr. Wilfred Harris has devoted many weeks to the study of the brachial plexus in mammalia and other vertebrates, and has made a preliminary communication to the Anatomical Society of Great Britain and Ireland upon some of his results, which bear more particularly upon human anatomy. Mr. L. Crawshay has studied the vascular system in many Amphibia. Dr. Watson and Dr. Wilson are carrying on a joint research in the minute anatomy of the mammalian brain. The Secretary, from time to time, has worked at the anatomy of birds and mammals, and has attended the

more important postmortem examinations.

"(3) Material supplied for purposes of Research and to Museums.

As in past years the Prosector has endeavoured to assist with material for their studies workers who are unable to avail themselves of the facilities for investigation offered in the Society's Laboratory. To Sir Victor Horsley and Dr. Page May a number of brains have been sent, principally mammalian. A series of eyes prepared for histological study has been forwarded to Mr. Nettleship, and a few also to Mr. Mayou. Dr. Keith has received a number of reptilian hearts and the body of a young ostrich. Dr. MacPhail has been assisted with a series of rectal glands in aid of his investigation upon the structure of these organs. The pancreas of some mammalia have been forwarded to Dr. Salaman. A number of parasitic worms have been sent to Mr. A. E. Shipley, and a few parasitic insects to the Hon. N. C. Rothschild. Dr. Assheton is investigating the minute anatomy of the placenta and has been helped with material. A few specimens have also been sent to other gentlemen.

In addition to material utilised for purposes of research, other material has been supplied to Museums and for teaching purposes. The Natural History Museum, South Kensington, has acquired from the Society a Kusimanse, an example of Serpentarius gambensis, a Beatrix Antelope, and a Black-faced Kangaroo. To the Royal College of Surgeons a number of specimens have been sent; among them are the body of a Hamadryad Snake, of which a preparation illustrating the respiratory organs as described recently by the Prosector will be made; the head of an Anaconda; the body of a Brush-Turkey, Talegalla lathami, &c. To the Norwich Museum have been sent the body of a Corean Sea-Eagle and a Boa constrictor.

A number of animals have been disposed of to Dr. Peter Thompson of the Middlesex Hospital for the purposes of a class study in connection with the University of London; a few specimens have also been sent to

Dr. Gadow for class demonstration.

" (4) Preservation and Storing of Material.

The Laboratory contains a large collection of specimens preserved in spirit and other preservatives which has been amassed for the purpose of reference and future study by the Prosector or by other anatomists. This collection has been largely added to during the past year. Among the principal additions are a series of mammalian brains, of which many have been injected; a series of injected birds' brains; a number of large Chelonian hearts and windpipes; a series of ovaries prepared for microscopical examination; the bodies of a number of

snakes and lizards in which the venous or arterial system or both have been injected. A few skins of mammals and birds which have died during the period have also been preserved, and are added to a series which has been accumulating for some years and which is of use in determining the identity of animals received at the Menagerie. In short, nothing of importance among the deaths which have occurred during the year has been wasted.

" (5) Information given to enquirers.

The Prosector has received and answered a number of letters containing questions on various zoological matters, and has also examined at the request of their owners the bodies of a number of dead animals and reported upon the causes of death. A list of these enquiries is kept by the Prosector."

7. MENAGERIE.

a. Additions to the Menagerie in 1903.

The number of animals belonging to the first three classes of Vertebrates living in the Society's Menagerie at the close of 1903 was 2,499. The corresponding number on the 31st of December, 1902, was 2,783, as will be seen by the following Table:—

| | Decem | ber 31. | Comparison. | | |
|------------------------|---------------------|---------------------|-----------------------------------|--|--|
| formy of Material. | 1903. | 1902. | | | |
| Mammals Birds Reptiles | 683 1,324 492 | 735 1,498 550 | Decr. 52 Decr. 174 Decr. 58 | | |
| of reference and | 2,499 | 2,783 | Decr. 284 | | |

In order to keep an absolutely accurate record of the Animals in the Collection, a Card Catalogue containing a card for every individual in the Gardens was begun in 1903. Owing to pressure of other work it was not completed until the current year.

The total number of registered additions to the Menagerie in 1903 was 1,373, of which 414 were acquired by presentation, 59 by purchase, 68 were bred in the Gardens, 791 were received on deposit, and 41 obtained in exchange.

The mode in which these figures compare with those of the previous ten years is shown in the following table:—

| MP | Presented. | Purchased. | Born. | Deposited. | Received in Exchange. | Total. |
|-------|------------|------------|-------|------------|-----------------------|--------|
| 1894. | 655 | 192 | 101 | 248 | 32 | 1228 |
| 1895. | 575 | 192 | 141 | 259 | 136 | 1303 |
| 1896. | 726 | 245 | 90 | 263 | 135 | 1459 |
| 1897. | 688 | 278 | 104 | 330 | 108 | 1508 |
| 1898. | 598 | 327 | 103 | 435 | 32 | 1495 |
| 1899. | 531 | 354 | 82 | 433 | . 6 | 1406 |
| 1900. | 586 | 247 | 94 | 994 | 26 | 1947 |
| 1901. | 608 | 234 | 151 | 1122 | 86 | 2201 |
| 1902. | 502 | 163 | 80 | 956 | 30 | 1731 |
| 1903. | 414 | 59 | 68 | 791 | 41 | 1373 |

The following is a list of the more noticeable additions made to the Menagerie during the year 1903:—

1. An example of Cuvier's Gazelle (Gazella cuvieri), deposited by the Hon. Walter Rothschild, M.P., F.Z.S., on Feb. 9th. No example of this rare African Gazelle has been exhibited in the Gardens since 1867.

2. A Tamandua Anteater (Tamandua tetradactyla), from South America, received on approval, Feb. 12th. This is a very healthy and lively specimen of an animal which we have not had

living in the Gardens for some years.

3. A young male Chimpanzee (Anthropopithecus troglodytes), about two years old, deposited by Mr. J. C. Lamprey, of the West-African Regiment, on Feb. 18th. This animal is said to have been obtained at Kronko, in French Soudan, and was brought home from Sierra Leone by the depositor. It is in very good health.

4. A Frilled Lizard (Chlamydosaurus kingi), from Australia, is the second example of this species received at the Gardens, the first having been presented by Mr. Saville Kent some seven years ago. The present specimen was presented by Mr. H. W. Fawdon on Feb. 18th.

5. A Bactrian Camel (Camelus bactrianus), born in the Mena-

gerie on April 1st.

6. A Blesbok (Damaliscus albifrons), received in exchange on April 8th.

7. Two Green Geckos (Phelsuma madagascariense), deposited by the Hon. Walter Rothschild, M.P., F.Z.S., on April 11th.

8. A large collection of South African animals, presented by

Col. A. T. Sloggett, C.M.G., F.Z.S., on April 25th.

9. A fine pair of Grévy's Zebras (Equus grevyi), presented by Lt.-Col. Sir John L. Harrington, K.C.V.O., C.M.Z.S., on June 5th.

10. Three fine specimens of the Elephantine Tortoise (Testudo elephantina), deposited by the Hon. Walter Rothschild, M.P., F.Z.S., on Aug. 8th.

11. An Echidna (Echidna hystrix), deposited by the Hon.

Walter Rothschild, M.P., F.Z.S., on Aug. 20th.

12. Four Cyprus Spiny Mice (Acomys nesiotes), presented by Mr. R. L. N. Michell on Aug. 27th.

13. Two Masai Ostriches (Struthio camelus, var. massaicus),

presented by Mr. Arthur Marsden, C.M.Z.S., on Sept. 8th.

14. A fine male Chimpanzee (Anthropopithecus troglodytes), deposited by the Hon. Walter Rothschild, M.P., F.Z.S., on

Sept. 14th.

15. An interesting collection of animals from the Harrar district of Somaliland, presented by Mr. William Northrup McMillan, C.M.Z.S., on Sept. 21st. Amongst these the Abyssinian Duiker (Cephalophus abyssinicus) is exhibited for the first time.

16. Two Wagler's Pit-Vipers (Lachesis wagleri), presented by

Mr. A. Herbert on Sept. 30th.

17. A fine male Chimpanzee (Anthropopithecus troglodytes), from the Albert Nyanza, presented by Lt.-Col. David Bruce, F.R.S., C.M.Z.S., on Oct. 4th. This animal, so far as is known, is the first living example received by the Society from Eastern Africa.

18. Two Scoresby's Gulls (Leucophæus scoresbii), deposited by

the Hon. Walter Rothschild, M.P., F.Z.S., on Oct. 17th.

19. Two Wharton's Fruit-Pigeons (Carpophaga whartoni) and a Christmas-Island Dove (Chalcophaps natalis), from Christmas Island, in the Indian Ocean, presented by Capt. A. W. Cole on Oct. 27th.

20. A fine young male Orang-utan (Simia satyrus), obtained by purchase on Nov. 27th.

b. Provisions.

The Commissariat of the Gardens is of considerable interest. The following table gives the chief items of expenditure for 1902 and 1903:—

| | 19 | 002. | | 19 | 03. | | Dec | rease | |
|--|-------|------|-----|---------|-----|----|-------|-------|----|
| | £ | s. | d. | £ | s. | d. | £ | s. | d. |
| Horses | 246 | 9 | 6 | 225 | 9 | 6 | 21 | 0 | 0 |
| Goats | 203 | 10 | 3 | 159 | 13 | 4 | 43 | 16 | 11 |
| Live Fish | 131 | 3 | 0 | 129 | 17 | 3 | 1 | 5 | 9 |
| Reptile and Insect Food | 160 | 18 | 9 | 87 | 17 | 11 | 73 | 0 | 10 |
| Fruit | 206 | 9 | 9 | 140 | 7 | 6 | 66 | 2 | 3 |
| Vegetables and Roots . | 247 | 9 | 3 | 126 | 17 | 5 | 120 | 11 | 10 |
| Fish | 382 | 2 | 9 | 374 | 11 | 3 | 7 | 11 | 6 |
| Eggs | 120 | 10 | 3 | 87 | 19 | 8 | 32 | 10 | 7 |
| Milk | 94 | 18 | 1 | 78 | 15 | 3 | 16 | 2 | 10 |
| Bread | 104 | 12 | 2 | 86 | 1 | 8 | 18 | 10 | 6 |
| Biscuit | 176 | 6 | 0 | 147 | 16 | 3 | 28 | 9 | 9 |
| Corn | 317 | 17 | 4 | 247 | 13 | .6 | 70 | 3 | 10 |
| Oats | 234 | 7 | 0 | 184 | 16 | 0 | 49 | 11 | 0 |
| Bran | 116 | 16 | 3 | 79 | 7 | 3 | 37 | 9 | 0 |
| Maize | 85 | 11 | 0 | 65 | 19 | 6 | 19 | 11 | 6 |
| Meadow Hay | 852 | 1 | 0 | 487 | 7 | 0 | 364 | 14 | 0 |
| Clover Hay | | 3 | 0 | 642 | 5 | 5 | 391 | 17 | 7 |
| Nuts | | 12 | 6 | 33 | 18 | 8 | 13 | 13 | 10 |
| Tares | | | | 16 | 4 | 0 | | | |
| Miscellaneous | 95 | 4 | 3 | 93 | 5 | 5 | 1 | 18 | 10 |
| The state of the s | £4858 | 2 | 1 | £3496 | 3 | 9 | 1378 | 2 | 4 |
| | | De | | 16 | 4 | 0 | | | |
| | 17/33 | Ne | t D | ecrease | | | £1361 | 18 | 4 |

c. List of the Species new to the Collection exhibited during the year 1903.

The following list gives the names of the specimens exhibited in 1903 which are referable to species not included in the last (ninth) edition (1896) of the List of Animals. It contains 8 Mammals, 19 Birds, 13 Reptiles, and 3 Batrachians.

The figures placed before each name indicate its approximate position in the List of Animals.

i. MAMMALS.

- 361 a. Nyctinomus angolensis. Angolan Bat. Hab. S. Africa.
 - a. Presented by B. McMillan, Esq., June 20, 1903.
- 432 a. Gerbillus tarabuli Thomas. Sebha Gerbille. Hab. Tripoli.
 - a-j. Deposited, July 13, 1903. See P. Z. S. 1902, ii. p. 5.
- 433 a. Meriones schousboei (Loche). Tripoli Gerbille. Hab. Tripoli.
 - a-c. Presented by J. I. S. Whitaker, Esq., Previously catalogued
 - d-h. Born in the Menagerie, Dec. 9, 1901. as Gerbillus
 - i-n. Born in the Menagerie, April 9, 1902. | shawi, var.
 - o-r. Deposited, July 13, 1903.
- 451 a. Pachyuromys dupresi Lataste. Fat-tailed Desert Mouse.

Hab. Egypt.

- a-c. Presented by Dr. H. P. Keatinge, July 6, 1903. From the Natron Valley.
- d-g. Born in the Menagerie, Sept. 3, 1903.
- 453 a. Acomys nesiotes Bates. Cyprus Spiny Mouse. Hab. Cyprus.
 - a-d. Presented by R. L. N. Michell, Esq., Aug. 27, 1903. See P. Z. S. 1903, ii. p. 193.
- 562 a. Cephalophus abyssinicus Thomas. Abyssinian Duiker.

Hab. Somaliland.

a. Female. Presented by Wm. Northrup McMillan, Esq., C.M.Z.S., Sept. 21, 1903. From Harrar. See P.Z.S. 1903, ii. p. 194.

- 698 a. Manatus inunguis Pelzeln. Amazonian Manatee. Hab. Amazons.
 - a. Male. Purchased, Jan. 4, 1896. From the Rio Purus. (Omitted from 1896 Report.)

b. Presented by Charles Booth, Esq., F.Z.S., July 15, 1903.

732 a. Lagorchestes hirsutus Gould. Rufous Hare - Wallaby.

Hab. W. Australia.

a. Deposited, Sept. 9, 1903.

ii. BIRDS.

20 a. Myiophoneus temmincki (Vigors). Himalayan Whistling Thrush.

Hab. India.

- a. Presented by E. W. Harper, Esq., F.Z.S., July 25, 1903.
- 309 a. Metoponia pusilla (Pallas). Gold-fronted Finch. Hab. Kashmir.
 - a. b. Presented by H. C. Harper, Esq., F.Z.S., Sept. 25, 1903.
- 336 a. Uragus lepidus David & Oust. Long-tailed Rose-Finch.

Hab. China.

- a. Deposited, April 27, 1903.
- 335 a. Pyrrhula griseiventris Lafr. Grey-breasted Bull-Finch.

Hab. Japan.

a, b. Male; c. Female. Deposited, April 27, 1903.

504 a. Pitta cyanoptera Temm. Lesser Blue-winged Pitta.

Hab. India.

a. Presented by E. W. Harper, Esq., F.Z.S., July 25, 1903.

- 761 a. Palæornis tytleri Hume. Tytler's Parrakeet.

 Hab. Andaman Islands.

 a. Deposited, Dec. 8, 1903.
- 859 a. Ninox connivers (Lath.). Winking Owl. Hab. N. Queensland.
- a. Deposited, Sept. 7, 1903.
- 970 a. Tinnunculus rupicolus (Daud.) South African Kestrel.

Hab. S. Africa.

- a-e. Presented by Col. A. T. Sloggett, C.M.G., F.Z.S., April 25, 1903.
- 970 b. Tinnunculus rupicoloides (Smith). Large African Kestrel.

Hab. S. Africa.

- a. Presented by Col. A. T. Sloggett, C.M.G., F.Z.S., April 25, 1903.
- 1108 a. Cygnus columbianus (Ord). Whistling Swan. Hab. N. America.
 - a. Presented by Dr. Cecil French, June 29, 1903.
 b, c. Deposited, June 29, 1303.
- 1134 a. Bernicla minima (Ridgw.). Alaska Goose. Hab. Pacific coast, N. America.
 - a, b. Male; c, d. Female. Deposited, March 13, 1903.
 e. Male; f. Female. Deposited, May 8, 1903.
 g. Male; h. Female. Deposited, Oct. 1, 1903.
- 1125 a. Chen rossi (Baird). Ross's Snow-Goose. Hab. Arctic America.
 - a, b. Deposited, May 8, 1903.
- 1222 a. Carpophaga whartoni Sharpe. Wharton's Fruit-Pigeon.

Hab. Christmas Island, Indian Ocean.

a, b. Presented by Capt. A. W. Cole, Oct. 27, 1903. See P. Z. S. 1903, ii. p. 316. 1288 a. Chalcophaps natalis Lister. Christmas Island Dove.

Hab. Christmas Island, Indian Ocean.

- a. Presented by Capt. A. W. Cole, Oct. 27, 1903. See
 P. Z. S. 1903, ii. p. 316.
- 1311 a. Goura sclateri Salvad. Sclater's Crowned Pigeon. Hab. New Guinea.
 - a. Deposited, July 23, 1903.
- 1338 a. Francolinus africanus Steph. South-African Francolin.

Hab. S. Africa.

- a. Presented by Col. A. T. Sloggett, C.M.G., F.Z.S., April 25, 1903.
- 1440 a. Crax panamensis Grant. Panama Curassow. Hab. Panama.
 - a. Female. Deposited, Dec. 11, 1903.
- 1556 a. Charadrius dominicus (P. L. S. Müll.). American Golden Plover.

Hab. North America.

- a. Presented by G. Carrick, Esq., Jan. 15, 1903. Captured at sea between Australia and New Caledonia.
- 1617 a? Leucophæus scoresbii (Traill). Scoresby's Gull. Hab. Southern Chili.
 - a, b. Deposited, Oct. 17, 1903. See P. Z. S. 1903, ii. p. 315.

iii. REPTILES.

- 121 a. Phelsuma madagascariense Gray. Green Gecko. Hab. Madagascar.
 - a, b. Deposited, April 11, 1903. c-h. Deposited, Sept. 22, 1903.

142 a. Chamæleolis chamæleontides (Dum. & Bibr.).

Chameleon Lizard.

Hab. Cuba.

a. Deposited, July 27, 1903.

145 a. Anolis equestris Merr. Large Cuban Anolis. Hab. Cuba.

a, b. Deposited, July 27, 1903.

149 a. Liocephalus carinatus Gray. Carinated Lizard. Hab. West Indies.

a-b. Deposited, Sept. 11, 1903.
c-d. Deposited, Sept. 28, 1903.
e. Deposited, Oct. 14, 1903.

199 a. Lacerta mosorensis Kolombatovic. Dalmatian Lizard.
 Hab. Dalmatia.
 a-g. Deposited, Aug. 27, 1903.

199 b. Lacerta littoralis var. olivacea Rafinesque. Olivaceous Lizard.

Hab. Island of Brazza.

a-j. Deposited, April 3, 1903.

203 a. Lacerta atlantica Peters & Doria. Atlantic Lizard. Hab. Canary Islands.
a-d. Deposited, May 14, 1903.

204 a. Algiroides fitzingeri (Wiegm.). Fitzinger's Lizard.
 Hab. Sardinia.
 a. Deposited, June 10, 1903.

258 a. Ungalia melanura (Schleg.). Black-tailed Snake. Hab. Cuba.

a. Deposited, Aug. 27, 1903.

258 b. Ungalia pardalis (Gundlach). Black-spotted Snake. Hab. Cuba.

a. Deposited, Aug. 27, 1903.

303 a. Lytorhynchus diadema (Dum. & Bibr.). Diademed Sand-Snake.

Hab. N.E. Africa.

a. Presented by Capt. S. Flower, F.Z.S., June 8, 1903.

b. Deposited, June 9, 1903.

c. Deposited, June 26, 1903.

329 a. Liophis andreæ Reinh. & Lütk. Cuban Snake. Hab. Cuba.

a. Deposited, Aug. 27, 1903.

b-d. Deposited, Sept. 26, 1903.

e-y. Deposited, Oct. 14, 1903.

416 b. Lachesis wagleri (Boie). Wagler's Pit-Viper. Hab. India.

a, b. Presented by A. Herbert, Esq., Sept. 30, 1903.
See P. Z. S. 1903, ii. p. 194.

iv. BATRACHIANS.

50 a. Pelobates cultripes (Cuv.). Southern Mud-Frog. Hab. S. Europe.

a. Deposited, April 23, 1903.

64 a. Molge torosa (Eschsch.). Californian Newt. Hab. California.

a-c. Deposited, Mar. 18, 1903.

58 a. Chioglossa lusitanica Bocage. Spanish Salamander. Hab. S. Europe.

a, b. Deposited, Mar. 9, 1903.

c-f. Deposited, April 18, 1903.

d. List of Animals bred in the Gardens during the year 1903.

MAMMALS.

1 Red-fronted Lemur (Lemur rufifrons).

1 Lion (Felis leo).

8 American Timber Wolves (Canis occidentalis).

5 North African Jackals (Canis lupaster). 6 Cairo Spiny Mice (Acomys cahirinus).

4 Fat-tailed Desert-Mice (Pachyuromys dupresi).

2 Crab-cating Raccoons (Procyon cancrivorus).

1 Corean Bull (Bos taurus) (var.).

1 American Bison (Bison americanus).

1 Yak (Poëphagus grunniens).

1 Elanu (Orias canna).

1 Hybrid Waterbuck (Kobus defassa unctuosus × K. ellipsiprymnus).

2 Thars (Hemitragus jemlaicus).

3 Burrhel Wild Sheep (Ovis burrhel).

2 Mouflons (Ovis musimon).

1 St. Kilda Sheep (Ovis aries) (var.).

1 Red Deer (Cervus elaphus). 4 Japanese Deer (Cervus sika).

2 Axis Deer (Cervus axis).

2 Sambur Deer (Cervus aristotelis).

1 Bactrian Camel (Camelus bactrianus).

1 Ogilby's Rat Kangaroo (Bettongia penicillata).

BIRDS.

2 White Ibises (Eudocimus albus).

1 Glossy Ibis (Plegadis falcinellus).

1 Brush Turkey (Talegalla lathami).

8 Black Swans (Cygnus atratus).

4 Jameson's Gulls (Larus novæ-hollandiæ).

1 Black-headed Gull (Larus ridibundus).

e. List of Donors and their Donations for the year 1903.

H.II. The Maharajah Bahadur of Benares, G.C.I.E., H.M.Z.S. 1 Indian Elephant.

Aarons, Mrs. J. 1 Ducorps's Cockatoo.

A'Deane, J. B., Esq. 1 Common Otter.
"Amphion," H.M.S., The Captain, Officers, and Men of.

2 South Albemarle Tortoises. Ashbury, D., Esq. 1 Indian Crow.

Bailey, Mrs. T. 1 Greek Tortoise.

Baker, Mr. H. 1 Rhesus Monkey.

Bald, Miss. 1 Levaillant's Cynictis. Balston, Mrs. 1 Mandarin Duck.

Barnes, W., Esq. 2 Black Lemurs.

Baxter, George H., Esq., F.Z.S. 1 Bonelli's Eagle.

Bieber, Egmont, Esq. 1 Matamata Terrapin.

Bigge, Lt.-Col. Sir Arthur, G.C.V.O., K.C.B. 1 West African Lovebird, 1 Barred Dove.

Birch, C. E., Esq. 1 Green Monkey, 1 Sooty Mangabey.

Birt, F. Beckett, Esq. 1 Great Wallaroo. Bond, W. R. G., Esq. 1 Sparrow-Hawk.

Boord, Lady. 1 Bennett's Wallaby.

Booth, Charles, Esq., F.Z.S. 2 Brazilian Tapirs, 1 Red Brocket, 1 Amazonian Manatee.

Bostock, Mr. E. H. 1 Greenland Seal.

Bottini, Mr. G. 1 Spotted Salamander.

Boughey, Miss. 1 Otter.

Boyd, W. A., Esq. 1 Black-crested Eagle.

Brown, Miss H. 1 Hawfinch.

1 Chimpanzee, Bruce, Lt.-Col. David, F.R.S., C.M.Z.S.

1 Patas Monkey. Burleigh, Bennet, Esq. 1 Ruddy Ground Squirrel.

Burrard, Sir Harry Paul, Bart. 1 Restless Cavy.

Campbell, Annie, Lady. 1 Ring-tailed Lemur. Carew, Dr. Sydney. 1 Lesser White-nosed Monkey.

Carrick, G., Esq. 1 American Golden Plover.

Challice, Mr. P. E. 1 Delalande's Gecko.

Champion, William, Esq., F.Z.S. 1 South African Ground-Hornbill.

Chesterman, Miss. 2 Egyptian Jerboas.

Coke, Lady Katherine. 2 Leadbeater's Cockatoos.

Cole, Capt. A. W. 1 Christmas-Island Dove, 2 Wharton's Fruit-Pigeons, 5 Christmas-Island Land-Crabs.

Colegrave, Lt. William H., R.N.R. 1 Short-toed Eagle.

Coleman, G. F., Esq. 2 Common Chameleons.

Comyn, Mr. M. J. 1 Common Chameleon.

"Cossack," H.M.S., The Officers of. 2 Muscat Gazelles.

Courage, O. M., Esq. 1 Black Rat.

Crawford, Mr. F. 1 Brambling.

Crawford, The Earl of, K.T., F.R.S., F.Z.S. 2 Malayan Bears, 1 Grand Eclectus, 1 Black-crested Cardinal, 1 Red-headed Cardinal, 1 White-throated Finch.

Crewe, A. C., Esq. 2 Geoffroy's Cat.

Crosse, Capt. 2 Maholi Galagos.

Crozier, Lt. F. P. 1 Red-fronted Gazelle.

Davids, E. C., Esq. 1 Smaller Patagonian Conure.

De Bathe, Gen. Sir Henry, Bart., F.Z.S. 1 Chacma Baboon.

Denison, C. A., Esq. 1 Bonnet Monkey.

Dent, Mrs. 2 Common Mynahs.

Denton, Capt. Sir George C., K.C.M.G., F.Z.S. 1 Nagor Antelope, 1 Crowned Duiker, 1 Serval, 1 African Civet Cat.

Dixon Bey, Frederick, C.M.Z.S. 1 Fennec Fox, 1 Egyptian Ichneumon, 1 Lesser Black-backed Gull.

Drew, James, Esq. 1 Two-spotted Paradoxure, 2 Senegal Touracous.

Drummond, The Hon. Edmund Rupert, R.N. 4 Gallot's Lizards.

Edwardes, The Hon. Sybil. 1 Ring-tailed Coati.

Ellis, Miss Alice. 1 Song-Thrush, 1 Blackbird (var.).

Eussen, Mr. 2 Pig-tailed Monkeys. Everest, H., Esq. 1 Ring-tailed Coati.

Farquharson, C. R., Esq. 2 White-crowned Mangabeys. Fawdon, H. W., Esq. 1 Agile Wallaby, 1 Brush Turkey,

1 Frilled Lizard.

Finn, Frank, Esq., F.Z.S. 1 Goldfinch.

Firmin, C. H., Esq. 1 Serval.

Flower, Capt. Stanley S., F.Z.S. 1 Adanson's Sternothere, 1 Pale Lizard, 1 Egyptian Gecko, 1 Blunt-nosed Snake, 1 Egyptian Eryx, 1 Schokari Sand-Snake, 1 Diademed Sand-Snake. Forestier-Walker, Genl. Sir Fredk., G.C.M.G., K.C.B., F.Z.S. 1 Red-and-Yellow Macaw, 1 Blue-and-Yellow Macaw.

Fox, C. V., Esq. 1 Broad-fronted Crocodile.

Freeland, H., Esq. 1 Chimpanzee. French, Dr. Cecil. 1 Whistling Swan.

Gane, V. G., Esq., C.S.M. 1 Buffon's Touracou.

Gilliat, Capt. John B., D.S.O., F.Z.S. 1 Harlequin Elaps. Gordon, John, Esq. 1 Ocelot, 1 Hairy-rumped Agouti.

Green, Miss. 1 American Grass-Snake.

Guthrie, Adam W., Esq., F.Z.S. 1 Chacma Baboon, 2 Chanting Hawks, 2 Puff Adders.

Hambro, E. A., Esq., F.Z.S. 1 European Pond-Tortoise. Harding, W. A., Esq., F.Z.S. 1 Black-marked Snake.

Harger, H. R., Esq. 1 Two-spotted Paradoxure.

Harper, E. W., Esq., F.Z.S. 1 Himalayan Whistling Thrush, 1 Horsfield's Whistling Thrush, 1 Bluewinged Siva, 1 Lesser Blue-winged Pitta, 1 Tickeli's Ouzel.

Harrington, Lt.-Col. Sir John L., K.C.V.O., C.M.Z.S. 2 Grévy's Zebras.

Hart, Francis, Esq. 1 Elate Hornbill.

Harvey, Capt. C. P. 1 Suricate.

Hawes, Mowbray A., Esq., F.Z.S. 1 Binturong.

Healey, Mrs. 1 Rosy-faced Love-bird.

Hennessy, Mrs. 1 Yellow-fronted Amazon. Herbert, A., Esq. 2 Wagler's Pit-Vipers.

Holdich, Sir Thomas H., K.C.I.E., C.B., F.Z.S. 1 Capybara, 1 Brazilian Cariama, 1 Ypecaha Rail.

Holmes, F. J., Esq. 1 Brown Capuchin.

Houlder, Mrs. Alfred H. 2 Chestnut-breasted Finches, 14 Banded Grass-Finches, 8 Gouldian Grass-Finches, 2 Modest Grass-Finches, 14 Chestnut-eared Finches, 1 Bicheno's Finch, 2 Undulated Grass-Parrakeets,

1 Peaceful Dove, 4 Graceful Ground-Doves.

Hulton, E., Esq. 1 Long-necked Chelodine, 1 European Pond Tortoise, 3 Muricated Lizards, 1 Quoy's Lizard.

Irby, Lt.-Col. L. Howard, F.Z.S. 1 Water-Rail.

Jackson, F. W., Esq. 1 Green Monkey. Jaques, H. P., Esq. 1 Ring-tailed Lemur.

Jebb, Mrs. 1 Barnard's Parrakeet.

Jenkins, Mr. T. 1 Purple-faced Monkey.

Keatinge, Dr. H. P. 3 Fat-tailed Desert Mice.

Kemp, A. E., Esq. 1 Pinche Monkey.

Kershaw, W. G., Esq. 1 Dark-green Snake.

Kintore, The Countess of, F.Z.S. 1 Grey Snake.

Knowles, E. A., Esq. 1 Patas Monkey.

Larking, Capt. Lambert. 1 Macaque Monkey.

Loder, Sir Edmund G., Bt., F.Z.S. 1 Patagonian Cavy. Lodwick, Major R. W. P. 1 Long-tailed Whydah-bird.

Luff, Miss E. 2 Grey-headed Lovebirds.

Mackenzie, D. F., Esq., F.Z.S. 1 Ring-tailed Coati.

Mackenzie, Lady Constance. 1 Himalayan Bear.

Mainwaring, Mrs. 2 Dwarf Chameleons.

Marsden, Arthur, Esq., C.M.Z.S. 2 Masai Ostriches.

Marsh, C., Esq. 1 Levaillant's Cynictis.

Martin, C., Esq. 2 Grey-breasted Parrakeets.

McLaren, R. E., Esq. 2 Green Lizards.

McMillan, B., Esq. 1 Crested Porcupine, 1 Black-backed Jackal, 1 Angolian Bat, 1 Puff Adder, 1 Cape Bucephalus, 2 Hoary Snakes, 1 Smooth-bellied Snake, 1 Cape Scorpion.

McMillan, William Northrup, Esq, C.M.Z.S. 3 Sacred Baboons, 2 Variegated Jackals, 2 Spotted Hyænas, 1 Striped Hyæna, 1 Lion, 1 Leopard, 1 Abyssinian Duiker, 3 Somali Ostriches.

McNiven, C. F., Esq. 1 Common Cormorant.

Medland, Master G. B., and Miss K. F. 1 Common Snake, 1 Tessellated Snake.

Michell, R. L. N., Esq. 4 Cyprus Spiny Mice. Millais, John G., Esq., F.Z.S. 2 Black Rats.

Moir-Byres, Mrs. M. 1 Brown-throated Conure.

Moseley, Capt. 1 Black-backed Jackal.

O'Hanton, G. A., Esq. 1 Lesser White-nosed Monkey.

Old, Mr. A. 6 Common Vipers.

Ott, The Baron Adolph, F.Z.S. 2 Magellanic Foxes, 2 Vicunas, 1 Puma, 1 Condor.

Ovens, Mr. L. 2 Lesser Kestrels.

Padgett, H., Esq. 1 Patas Monkey. Palmer, Charles R., Esq. 2 Two-spotted Paradoxures.

Palmer, H. I., Esq. 2 Bristly Ground-Squirrels.

Pells, C., Esq. 1 Sooty Mangabey.

Percy, E. G., Esq., F.Z.S. 1 Pinche Monkey.

Pickington, J. O., Esq., 1 Cuckoo. Pizzey, Mr. F. W. 1 Water-Rail. Purser, J. F., Esq. 1 Campbell's Monkey.

Putz, Mr. A. F. 1 Vervet Monkey.

Ray, Miss Ruby. 1 Black-eared Marmoset.

Ree, Frank, Esq. 1 Sooty Mangabey. Reeve, Henry, Esq. 1 Nilotic Trionyx.

Ricardo, Miss Anna. 1 Indigo-bird, 1 Nonpareil Finch.

Ricardo, Mrs. Halsey Ralph. 1 Undulated Grass-Parrakeet, 1 Goldfinch, 1 Red-bellied Waxbill, 1 Yellow-bellied Liothrix.

Roberts, O., Esq. 1 Common Snake.

Rothschild, The Hon. Walter, M.P., F.Z.S. 1 Neumann's Baboon, 1 Doguera Baboon.

Rowland, Miss Gayner. 1 Macaque Monkey.

St. Quintin, W. H., Esq., F.Z.S. 1 Rock-Thrush, 1 Black-marked Snake.

Seth-Smith, David, Esq., F.Z.S. 1 Getulian Ground-Squirrel.

Seth-Smith, L. M., Esq. 1 Burrowing Owl.

Sloggett, Col. Arthur, T., C.M.G., F.Z.S. 1 Chacma Baboon, 2 Black-backed Jackals, 2 Caracals, 1 Feline Genet, 1 Dusky Ichneumon, 4 Suricates, 3 Levaillant's Cynictis, 2 Bristly Ground-Squirrels, 1 Crested Porcupine, 5 Cape Hyrax, 1 Springbok, 7 Spotted Eagle-Owls, 1 Bearded Falcon, 5 Jackal-Buzzards, 1 Chanting Hawk, 5 South-African Kestrels, 1 Large African Kestrel, 3 Black-fronted Weaver-birds, 1 Grenadier Weaver-bird, 1 South-African Francolin, 3 Triangular-spotted Pigeons, 7 Egyptian Geese, 4 Leopard-Tortoises, 1 Tuberculated Tortoise, 1 Galeated Pentonyx.

Souper, R., Esq. 1 Naked-footed Owlet.
Spencer, C. J., Esq. 1 Sooty Mangabey.

Spring, Miss A. M. 1 Common Chameleon. Stansfield, J. R. S., Esq., D.S.O. 1 Mozambique Monkey.

Startin, Capt. James, R.N. 1 Bosman's Potto. Stevenson, Mrs. 1 White-crowned Mangabey. Stevenson, Mr. F. S. 1 Cardinal Grosbeak.

Sturt, Major-Gen. C. S., C.M.Z.S. 2 Norwegian Lemmings.

Swift, D., Esq. 1 Common Mynah.

Thomasset, B. C., Esq. 1 Blood-rumped Parrakeet. Thornycroft, Col. C. Mylton. 1 Garnett's Galago.

Townshend, Mr. 1 Vervet Monkey. Turner, A. C., Esq. 1 Diana Monkey.

Turner, Mrs. J. Arthur. 2 Black-eared Marmosets.

Vanderspar, George, Esq., F.Z.S. 1 Rhomb-marked Snake. Van der Velde, M. J. E., Esq. 1 Desert Buzzard.

Verrall, G. H., Esq. 1 English Toad.

Vickers, M., Esq. 1 Mandrill.

Vieira, Senhor Francisco Alves. 1 Large Grieved Tortoise.

Vine, Mr. A. F. 2 Malabar Mynahs. Wallace-Dunlop, Miss C. 2 Kinkajous. Wallis, Mrs. F. 1 Common Chameleon. Ward, Mrs. J. B. 1 Anubis Baboon.

Watkins, Mrs. 1 Sooty Mangabey.

Webb, Edward, Esq. 4 Horned Lizards.

Williams, Howard, Esq. 2 Red-sided Titmice.

Wilson, C. W., Esq. 1 Two-spotted Paradoxure.

Woodward, Mr. J. 1 Common Quail.

Worsdell, W. E., Esq. 2 Black Salamanders.

Wright, T., Esq. 1 White-crowned Mangabey, 1 Black Hornbill.

Yates, Thos., Esq. 4 Common Chameleons. Yeo, Mr. 1 American Bittern.

Conclusion.

The Council wish to acknowledge the assistance they have received during the past year from the Committee of Publication, upon which are devolved, in accordance with the By-Laws, the arrangement and supervision of the Society's Scientific Publications.

The Council have finally to ask you to thank those Fellows of the Society who, during the past year, have

audited the Accounts.

Signed (for the Council),

P. CHALMERS MITCHELL,

Secretary.

3 Hanover Square, W., April 29th, 1904.

REPORT

OF THE

AUDITORS OF THE ACCOUNTS

OF THE

ZOOLOGICAL SOCIETY OF LONDON.

Appointed January 21, 1904.

The Committee of Auditors to the Zoological Society of London (with the assistance of the professional Auditor, who has certified the whole of the Accounts in detail) having examined the Books and Accounts for the year ended 31st December, 1903, submit to the Society an abstract of the Accounts, together with an estimate of the Assets and Liabilities at the close of the year.

RECEIPTS AND PAYMENTS ACCOUNT,

| Balance at January 1, 1903 | REC | EIPTS. | | |
|--|---|---|-------------|-------------|
| Garden Sales (Animals) | | £ s. d. | £ s. d. | |
| Garden Sales (Animals) | 1901 { Admission Fees (in arrear, 1 Fellow) Publication Sales | 5 0 0 9 2 0 | 14 2 0 | |
| Publication Sales | Rent for Refreshment Rooms Rent for Offices at Hanover Square Admission Fees (23 Fellows) | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 11 2 0 | |
| Riding Receipts 389 7 9 536 10 3 637 6 | (Publication Sales | 146 14 2 | 721 3 11 | |
| Including £10 from the Secretary Fellowship Admission Fees (164 Fellows) | Riding Receipts | 389 7 9 536 10 3 957 13 4 | | |
| Subscriptions | including £10 from the Secretary Fellowship Admission Fees (164 Fellows) | 820 0 0 | | |
| Science Grant £100, Reclaimed Income Tax £193, 13s, 10d, 771 2 11 29,131 0 2 180 0 0 | Subscriptions Publication Subscriptions Ditto Sales "Zoological Record" Subscriptions Ditto Sales Dividends—Davis Fund Miscellaneous, including Insurance | 6,685 3 0 508 4 0 66 2 2 239 1 0 240 1 3 | | |
| AMOUNT RECEIVED IN 1903 30,057 17 1 Overdraft on Bankers carried forward to January 1st, 1904— General Account 3,177 11 7 Less Petty Cash Account Balance 333 0 10 2,844 10 9 | Science Grant £100, Reclaimed Income Tax £193. 13s. 10d | | 29,131 0 2 | |
| Overdraft on Bankers carried forward to January 1st, 1904— General Account | 1904 Subscriptions | 11 11 0 | 191 11 0 | |
| January 1st, 1904— 3,177 11 7 General Account 333 0 10 Less Petty Cash Account Balance 333 0 10 2,844 10 9 | AMOUNT RECEIVED IN 1903 | | 30,057 17 1 | 30,057 17 1 |
| General Account | | | | |
| 2,844 10 9 | General Account | | | |
| £34,143 1 2 | Less Petty Cash Account Balance | *************************************** | 333 0 10 | 2,844 10 9 |
| | | | | £34,143 1 2 |

FOR THE YEAR ENDED DECEMBER 31st, 1903.

PAYMENTS.

| TATMENTS. | | | |
|---|--|-----------------|-----|
| Rent, Rates, Taxes, and Insurances Ditto ditto Office Salaries, Wages, &c. Gardens Ditto Office Pensions Gardens Ditto Office Provisions Gardens Cost and Carriage of Animals Menagerie Expenses Garden Guide Expenses (from 21st January) Prosectorium Expenses Works, Wages, and Materials Gardens Ditto ditto Office Gardeners' Expenses Advertisements Band Expenses House and Office Expenses Gardens Ditto ditto Office Stationery and Printing (Miscellaneous) Cost of Publications Cost of "Zoological Record" Library Expenses Returned Subscriptions Expenditure of Davis Bequest Law Expenses Grant in aid of Science Interest on Loans Cost of the "Index Zoologicus" Reorganization Committee Expenses | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | |
| AMOUNT PAID IN 1903 | 30,143 1 2 | 30,143 4,000 | |
| | | 834,143 | 1 2 |

Comparison of Receipts in 1903 with 1902.

| | | | ecei | | | | | - | 1 |
|--|---------|------|-------|-----------|----|------|-------------------|-----------------|--|
| | Incon | | | ne of | | Incr | ease. | Decrease. | |
| | 190 | 3. | | 190 | 2. | | mor | case. | Decretion. |
| | £ | 8. | d. | £ | 8. | | £ | s. d | |
| Admissions to Gardens | 15,911 | | 2 | 16,893 | 4 | 0 | | | 981 11 10 |
| Riding Receipts | 389 | 7 | 9 | 342 | 2 | 9 | 47 | | |
| Garden Sales | 668 | 5 | 0 | 328 | 1 | 0 | 340 957 | | A CONTRACTOR OF THE PARTY OF TH |
| Garden Guide Sales Rent for Refreshment | 957 | 10 | 4 | | | | 301 | 10 . | |
| Rooms | 1,009 | 0 | 0 | 1,019 | 5 | 0 | | | 10 5 0 |
| Rent for Offices, Hanover | ,,,,,, | | | | | 1000 | | | |
| Square | 200 | 6 | 0 | 182 | 10 | 0 | +17 | 16 (|) |
| Admission Fees:— | | | | | 0 | 0 | | | 20 0 0 |
| Past | 120 | | 0 | 140 | 0 | 0 | | | 20 0 0 80 0 0 |
| Present | 820 | 0 | 0 | 900 | 0 | U | | | 00 0 0 |
| Fellowship Subscriptions:- | 33 | 0 | 0 | 30 | 0 | 0 | 3 | 0 (|) |
| Present | 6,685 | | 0 | 6,497 | | Ö | | 0 (| |
| Future | 180 | | 0 | 156 | 0 | - 0 | 24 | 0 (| 0 |
| Compositions | 1,020 | | 0 | 1,230 | 0 | 0 | | | 210 0 0 |
| Publications | 741 | | 4 | 793 | 18 | 5 | | | 52 5 1 |
| 'Zoological Record" | 479 | | 3 | 388 | 8 | 3 | 90 | 14 (| 7 |
| Dividends | 771 | 11 | 11 | 71 105 | 9 | 9 | 666 | 1 (| |
| Miscellaneous | 111 | 2 | 11 | 100 | 1 | 11 | 000 | * | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | A CONTRACTOR |
| | | | | | | | 1939 | | |
| | | | | | | | 1 | | |
| | | | | | | | | | |
| | 30,057 | 17 | 1 | 29,077 | 4 | 1 | 2,334 | 14 1 | 1 1,354 1 11 |
| Increase | | | | 980 | | | 1,354 | | |
| 22020 | | | | | | | | | |
| | 30,057 | 17 | 1 | 30,057 | 17 | 1 | 980 | 13 | 0 |
| Total Recei Total Paym | | | | | | | $057 17 \\ 143 1$ | | |
| | | | | | - | - | - | - | |
| Payments o | ver Rec | eipt | S | | | | 85 4 | 1 | |
| Dr. | | | Ca | sh. | | | | | |
| | | | 1000 | | | | | | £ s. d |
| To Balance brought from D | ecember | 31. | , 190 | 2 | | | | | 1,240 13 |
| Income received in 1903 | | | | | | | | | 30,057 17 |
| O 1 0 D 1 | | | | | | | | Carrie Constant | 2,844 10 |
| ", Overdraft on Bankers | | | | | | | | | 2,011 10 |

Comparison of Payments in 1903 with 1902.

| | | P | ayn | nents. | | |
|--|---------------------|-----|------|---|---------------------|------------------------------|
| | | E | xpen | liture of | T | Down |
| | 19 | 03. | | 1902. | Increase. | Decrease. |
| D-4 D-4 - 15 | £ | 8. | . d. | £ s. d. | £ s. d. | £ s. d. |
| Rent, Rates, Taxes and Insurance | 1,919 | 15 | 1 | 1,864 19 7 | 54 15 0 | |
| Salaries & Wages Gardens | | | | 1,864 19 7 3,476 8 4 | 54 15 6 936 14 1 | |
| Ditto Office | | | | 2,006 0 0 | 330 14 1 | 301 17 9 |
| PensionsGardens | 378 | 12 | | 221 0 0 | 157 12 1 | |
| Ditto Office | 652 | 10 | | | 652 10 0 | |
| Ditto Office Provisions | 3,496 | 3 | 9 | 4,858 2 1 | | 1,361 18 4 |
| Cost & Carriage of Animals | 657 | 10 | 5 | 1,499 1 3 | | 841 10 10 |
| Menagerie Expenses | | 6 | 0 | 3,654 12 2 | | 2,037 6 2 |
| Prosectorium Expenses | | | | | 534 9 9 | |
| Garden Guide Expenses Works, Wages and | 1000 | 3 | 4 | *************************************** | 548 3 4 | |
| MaterialsGardens | | | 9 | 7,227 2 4 | | 1,076 0 7 |
| DittoOffice | | | 3 | 128 18 6 | 602 12 9 | |
| Gardeners' Expenses | 1,170 | | | 1,065 12 1 | 105 0 8 | |
| Advertisements | | | 9 | 293 4 11 | 66 2 10 | |
| Band Expenses | | | 6 | 171 6 6 | | |
| Gardens | 385 | | | 468 13 10 | | 83 10 11 |
| Ditto Office | 780 | 7 | 11 | 804 3 0 | | 23 15 1 |
| Stationery and Printing | 195 | 0 | - | 101 1 11 | 00 10 0 | |
| (Miscellaneous) | $\frac{435}{2,314}$ | | 1 | 401 1 11 | 33 18 2 | *********** |
| Cost of "Zoological Record" | 649 | | 8 5 | 2,311 7 2 661 8 9 | 3 12 6 | 70 0 1 |
| Library Expenses | 569 | | 9 | 565 7 6 | 4 8 3 | 72 8 4 |
| Expenditure of Davis | 000 | 10 | | 000 1 0 | 4 8 3 | |
| Bequest | 71 | 11 | 4 | 71 9 9 | 0 1 7 | |
| Grant in aid of Science | | 12 | 0 | 142 11 6 | 0 1 1 | 98 19 6 |
| Miscellaneous | 387 | | 0 | 565 15 4 | | 177 19 4 |
| | | | _ | | | |
| Dogranga | 30,143 | | 2 | 32,458 6 6 | 3,700 1 6 | 6,015 6 10 |
| Decrease | 2,315 | 5 | 4 | *************************************** | Ded. Incr. | 3,700 1 6 |
| | 32,458 | 6 | 6 | 32,458 6 6 | | 2,315 5 4 |
| Ordinary Payments | 26,700 | 3 | 7 | 28,021 18 8 | | 1,321 15 1 |
| Extraordinary ditto | 3,442 | | 7 | 4,436 7 10 | | 993 10 3 |
| | 30,143 | 1 | 2 | 32,458 6 6 | | 2,315 5 4 |
| | | 0 | Cont | ra. | | Cr. |
| - | | | | The second second | | |
| By Expenditure paid in the ,, Repayment of Loans (ha | | 2) | | ······ | | £ s. d. 30,143 1 2 4,000 0 0 |
| | - | | | | | 34,143 1 2 |

Assets and Liabilities of the Society, December 31st, 1903.

| ASSETS. | | | |
|--|-------------|---------|-------|
| Animals in the Menagerie belonging to the Society | £ 15,987 | s. 0 | 720 |
| Freehold Premises at Hanover Square taken as in last Balance Sheet | 25,000 | 0 | 0 |
| Books in the Library | 19,608 | 0 | 0 |
| Unsold Publications | 1,995 | 0 | 0 |
| Stock of the "Zoological Record" and "Index Zoologicus" | 1,141 | 0 | 0 |
| Present value of £1,900 London and South Western Railway New 4 per Cent. Preference Stock @ £119½ (Davis Trust Fund) | 2,270 | 10 | 0 |
| Spiers and Pond, Balance due for Drainage at Refreshment Rooms | 407 | 0 | 0 |
| Debts due to the Society considered good :- | | | |
| Rent for Refreshment Rooms£250 0 0 | | | |
| Rental of Lavatories | | | |
| Rent for Offices at Hanover Square | | | |
| Garden Sales | | | |
| Fellowship Subscriptions (Estimated to realize) 36 0 0 | | | 339 |
| Publication and "Zoological Record" Sales 162 10 3 | | | |
| | 654 | | - (4) |
| Office Furniture, Loose Plant, Tools, &c., not valued | | | |
| | 67,063 | 0 | 1 |
| LIABILITIES. | | | |
| | | 8. | |
| Rent and Taxes unpaid to December 31st, 1903 | 271 | | 70 |
| Bills, &c. ditto ditto | 1,729 | 9 | 2 |
| Works at Superintendent's House | 714 | 0 | 0 |
| Messrs. Drummond, Bankers' Overdraft | 2,844 | 10 | 9 |
| Messrs. Main & Co., Outstanding Contracts | 218 | 12 | 6 |
| * * | 5,778 | 6 | 4 |

We certify that we have examined the foregoing account of Receipts and Payments with the Books and Vouchers of the Society, and have found it to be in accordance therewith. We have also verified the balances at the Bankers' and the Securities.

The Committee observe that an extension of seven years on Messrs. Spiers and Pond's lease of the Refreshment Rooms was, on the 1st January, 1903, granted, in consideration of their agreeing to contribute by annual instalments spread over ten years, the cost of drainage alterations not exceeding five hundred pounds. In this connection the Committee regret that steps do not appear to have been taken to ascertain the adequacy of the rent of one thousand pounds payable by Messrs. Spiers and Pond.

The Committee call attention to the reduction of £1,361. 18s. 4d., in the expenditure for provisions, due to a more effective supervision, and also to a substantial reduction in other items, and particularly a reduction of about fifty per cent. in the rate of insurance premium.

The Committee are glad to draw attention to the fact that as a result of the action of Mr. Keen, the professional Auditor, a sum of £193. 13s. 10d., has been recovered during the year in respect of income tax.

WALTER CROUCH (Chairman).

WILLIAM LATTA.
D. F. MACKENZIE.
HENRY MUNT.
EDWIN T. NEWTON.
JAMES F. OCHS.
E. G. WADDILOVE.

Committee of Auditors.

W. B. KEEN,

Chartered Accountant.

Zoological Society of London, 3, Hanover Square, W. 25th February, 1904. LONDON:

WATERLOW AND SONS LIMITED, PRINTERS, LONDON WALL.

1904



SMALL MAMMAL HOUSE, 1904.—ZOOLOGICAL SOCIETY OF LONDON.