

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

READ AT THE ANNUAL GENERAL MEETING,

*APRIL 29, 1848.*

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1848.

## REPORT OF THE COUNCIL.

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IN conformity with the regulations of the Charter, the Council beg to present their Nineteenth Annual Report upon the affairs of the Society, and the principal events which have occurred since the last Anniversary in the various departments of their administration.

### I. GENERAL ESTABLISHMENT.

#### 1. MEMBERS.

##### *a. Fellows and Annual Subscribers.*

At the Monthly General Meeting held on the 2nd of December, 1847, a Bye-law was passed (standing as Chap. IV. sections 1-5) which constituted a new class of Members with a smaller extent of privileges, and exempt from the Entrance Fee, under the name of Annual Subscribers.

The number of Fellows, Fellows Elect, and Annual Subscribers, at the present time amounts to 1819, of which the following is a summary:—

Have Compounded, paying £20 . . . . .	327
Ditto ditto £30 . . . . .	138
Pay annual contributions of £2 . . . . .	667
Ditto ditto £3 . . . . .	551
Annual Subscribers . . . . .	4
Are dormant . . . . .	129
Admission Fees unpaid . . . . .	3
	<hr/>
	1819

Of this number, 26 have been elected since the last Anniversary, and 4 re-admitted under the provisions of the Bye-Laws, Chap. I. sect. 9.

The number of resignations during the same period has been 56, and deaths 49.

##### *b. Honorary and Foreign Members.*

The number of Honorary and Foreign Members is 30.

*c. Corresponding Members.*

The number of Corresponding Members is 150. John Drummond Hay, Esq., H.M. Agent and Consul-General at Tangier; Dr. Kaup, Director of the Museum at Darmstadt; Peter Fraser, Esq., Colonial Treasurer of Van Diemen's Land; M. Jules Bourcier, of Paris, and Dr. Bland, of Sydney, having been added to the list since the last Anniversary, all of whom are capable of affording the most valuable cooperation in the objects of the Society.

Among the losses by death the Council have to mention with much regret the name of Colonel Warrington, who died at Tripoli, where he had resided for many years as H.M. Agent and Consul-General. He was elected a Corresponding Member in 1828, and among the many donations for which the Society has been indebted to him, recorded in the Reports of 1840, 1842, 1844, and 1845, may be mentioned a very beautiful female Leopard, still living in the Menagerie, five Ostriches, and several important contributions to the Museum.

Since the last Anniversary the privileges of the Fellows have been increased by the issue of Twenty Free Admissions to every Member on the payment of his subscription; and the Council have been influenced in framing this regulation by the general feeling of satisfaction with which the smaller number of twelve admissions given last year appears to have been received by the Society at large. It having come to their knowledge that many persons are in doubt as to the exact amount of privileges to which they are now entitled, the Council have directed a statement of them to be appended to this Report, to which they can appeal with confidence as a proof of their anxiety to direct the affairs of the Society on the most liberal policy consistent with the maintenance of its income.

The Promenades will be continued on the usual scale, on June 3, 24, and July 22; in addition to which, in consequence of the representations which have been made to the Council with reference to the performances at the close of last summer, the Band of the First Life Guards has been engaged, by the obliging permission of their Commanding Officer, for twelve successive Saturdays, from May 27th

inclusive, on which days the Fellows and their friends will be admitted without any extra charge, and on which the twenty free admissions will be available.

## 2. FINANCES.

### *a. Income and Expenditure.*

The gradual decrease in the Income of the Society has occupied the most anxious attention of the Council, and they have to regret that the resignations and deaths have again considerably outnumbered the accessions to the list of Fellows, although in a far less proportion than the average of the last five years.

Convinced however as the Council are that the existence of the Institution depends upon the efficient maintenance of the Garden and Menagerie, they have not deemed it necessary to make any further reductions in that department, although they have carefully provided for the most economical administration of the funds devoted to it.

The actual deficiency of income in 1847, as compared with the necessary expenditure of the establishment upon its present footing, was £817 14s. 1d.

The receipts at the gate were only £3239:19s., a fact which has rightly been attributed by the Auditors to the combined effects of a late spring and the monetary pressure, which affected the receipts of all public exhibitions for the first six months of that year. The visitors of all classes amounted to 93,546. It is clear, upon comparing these amounts with the numbers of previous years, and still more with the population-returns of the metropolis and the country, that there can be no rational ground for despairing that a reaction of popular feeling in favour of the intellectual pleasures derivable from the Institution may again place the finances in a condition which will enable the Direction to extend its operations as largely as the importance of the objects of the Society deserves, and as the available opportunities of communication with the most interesting countries would suggest.

It having come to the notice of the Council that the means of obtaining access to the Gardens by persons not members of the Society were very imperfectly known,

measures have been taken for publishing a correct statement of them, as extensively as possible; and the Council feel that in affording facilities to all the intelligent classes, they are taking the most effectual course for diffusing that true and comprehensive taste for Natural History which was the principal object of the Founders of the Society.

The Council have therefore, after due consideration of the subject, come to the conclusion that the interests of Zoology, of Public Instruction, and of the Institution itself, will be equally benefited by the Regulation which was adopted on the 10th of April last, for the admission of the Public on the payment of Sixpence each on one day in the week, and of Children at the same price on all occasions except Promenade-days.

*Increase and Decrease upon the items of Expenditure.*

The decrease in the Income, as compared with that of 1846, has been £539 2s. 3d., and it appears to have been chiefly caused by a falling off of £211 17s. in the Subscriptions, and £305 4s. in the receipts at the Garden Gate: for the decrease under the heads of Compositions, £142; Arrear of Subscriptions, £76; Ivory Tickets, £31 11s.; and Promenades, £39 17s. (which is to be attributed to their being limited to Four Days instead of Six), is nearly balanced by increase in Admission Fees of £35; Garden Sales, £95 5s. 4d.; Rent of Refreshment Room, £50; Transactions and Proceedings, £80 14s. 5d.

In the payments made in 1847, as compared with 1846, the Council have to observe that the principal increase has been £1009 14s. 7d., under the head of Arrears, it having been thought advisable in 1846 to allow certain liabilities to that amount to stand over, with the view of avoiding if possible the diminution of the funded capital, which is alluded to hereafter.

In looking at the Balance-sheet appended to the Auditors' Report, there is an apparent increase of £240 19s. 1d. for Rent, Rates, and Taxes, which arises, not from any increase in the liabilities of the Society on that account, but because that portion of the payment of 1846 was postponed, and now appears in the Arrears.

The increase of £140 11s. 8d. in the Salaries will be obviated in future by the reductions, of which mention is made hereafter.

£463 3s. 4d. has been expended in the Purchase of Animals, but the Council feel that the increase of £121 9s. 4d., as compared with 1846, is amply justified by the results.

In the Carriage of Animals the expenditure presents an increase of £100 12s. 11d., which is mainly attributable to the valuable donations for which the Society has had occasion to find means of transport.

The apparent increase in the cost of Provisions is £304 18s. 6d., which results from the payments for that item in 1846 extending to a shorter period. The real increase is £106 13s. 9d., which, to adopt the remark of the Finance Committee, has been fairly justified by the great addition which has been made to the collection of Living Animals, of 226 individuals.

In the cost of preparations and labour on the Museum Collection, in the Library, and in the House and Office Expenses, there have been trifling increases of expenditure; but on the other hand, in the "Garden Expenses" there has been a diminution of £91 13s. 8d.; in the Promenade Expenses, of £20 17s. 1d.; and in the Poultry Exhibition, of £77 4s. 11d.

For Works and Repairs the expenditure has not exceeded £522 14s. 3d., presenting the important decrease of £897 3s. 7d.;—the result of the effectual system of permanent restoration which the Council have made it their policy to adopt for some years past as regards the original Buildings in the Gardens.

#### *Assets and Liabilities.*

The Income of 1847 not having produced the means of paying off the amount of Liabilities incurred in former years, nor of entirely meeting the necessary expenditure, the Council found it indispensable to convert a portion of the Funded Capital for this purpose, and the Asset of 3 per cent. Consols has accordingly been reduced by the sale of £2285 4s. 5d. Stock; and on the 31st of December the Funded Capital and Cash at the Bankers stood thus,

as compared with the same period of the preceding year :—

	1846.			1847.		
	£	s.	d.	£	s.	d.
Cash at the Bankers...	231	16	4	240	19	11
Three per Cents. ....	7671	4	7	5717	6	11*
	<hr/>			<hr/>		
	7903	0	11	5958	6	10

But the Liabilities at the same dates present a very large diminution in favour of the present year, which in reality reduces the apparent deterioration of the Society's position to the smaller sum of £817 14s. 1d. as previously mentioned :—for

The Liabilities on Dec. 31, 1846,	were	£2150	0s.	0d.
Ditto	ditto	1847,	1022	18 9

which last sum has now been reduced by payments since that period to £112; and it is the intention of the Council to prevent as far as possible any outstanding claims to remain unsatisfied at the close of the year beyond the current monthly bills for December.

#### *Arrears.*

The arrears due to the Society from Fellows who have neglected to pay their subscriptions for three years previous to January 1848, and who therefore became punishable by the Bye-Laws, Chap. I. sect. 9, amount to £237; and the whole sum incontestably due, without accumulation, from persons who have placed themselves in a similar position since Jan. 1, 1840, is not less than £4842.

It is much to be regretted that it does not appear probable that any considerable portion of this sum will ever be recovered without resorting to measures which the Council have hitherto avoided, and still more that a larger number of new supporters do not come forward at a time when the Society presents far more extensive sources of instruction than at the earlier periods of its existence.

It is however in some degree satisfactory to know that the ratio of defaulters, as compared with the gross number

\* The estimated value of £6972 5s. 11d., now standing in the Society's name.

of Fellows, is rapidly diminishing; and during the present year there has as yet been no ground for supposing that this most desirable circumstance will not continue to be realized.

In consequence of a careful investigation of the revenues and prospects of the Society by a Special Committee of Receipt and Expenditure, the Council are able to report that,—

In the Museum Department a reduction of one permanent Servant has been found practicable, as the more efficient discharge of the duties formerly entrusted to him is secured by occasional assistance of a better description.

The supervision and direction of the annual repairs and other small works, which were formerly entrusted to the Society's Architect, have been placed in the hands of the Secretary; and it is calculated that by this means a reduction of the ordinary expenditure, to the amount of £100 or £120 a-year, will be effected.

Since the death of Mr. Bompas, which the Council regret to state occurred within four months after the last Anniversary, the duties of the Assistant Secretary have also been fulfilled by the Secretary and the Accountant, and it is not the present intention of the Council to appoint a successor. The salary attached to that office at the time of Mr. Bompas's death was £200 a-year.

The effect of these arrangements will therefore be a reduction of the ordinary expenditure to the amount of about £350 per annum.

## SCIENTIFIC DEPARTMENT.

### 1. PUBLICATIONS.

The Fifth Part of the Third Volume of the Transactions has just been published and is now ready for delivery at the office. It contains the third and concluding part of Professor Owen's Researches on the *Dinornis* and other large extinct Birds of New Zealand, with four elaborate Plates by Mr. Erxleben, and a paper by Mr. Gould on a second species of *Apteryx*, with a coloured Plate by Mr.



Richter. The Sixth Part is in the press and will complete the volume.

The Proceedings of the Scientific Meetings of the Society in 1847 contain an unusual number of papers on various subjects, and present original descriptions of very numerous species of Mollusca and of Vertebrata.

The Council can scarcely pass over this opportunity of reminding the Society that the Part for 1848 will make the Seventeenth Annual Volume of this valuable Miscellany, and they conceive it to be a subject of just pride and congratulation to the Fellows that they have for so long a period afforded this desirable medium of publication to authors in every branch of Zoology. Impressed with the extreme value of this work, and grateful to the men of science who have laboured to supply the Society with contributions, the Council have determined upon publishing a series of Illustrative Plates in 8vo, which it is hoped will supply a desideratum in zoological literature, while the low price at which they are intended to be sold, if successful, will place them in the hands of every one who has a copy of the Proceedings.

## 2. MUSEUM.

The financial condition of the Society has prevented any expenditure upon the Collections in the Museum beyond what was absolutely necessary for their conservation, and the Council feel the less regret upon this point because the progress of the National Collection now provides a great increase of materials for the study of Zoology, as far as it can be prosecuted from preserved specimens. They are therefore for the present more particularly desirous of directing the resources of the Society to those objects which cannot be effected by any other Institution, and they believe that in this course they are not only acting most beneficially for the progress of knowledge, but also for the interests of the Society.

In connection with this subject, the Council refer with pleasure to the Anatomical Demonstrations which have been gratuitously given at the Society's house by Dr. Melville; and they have farther to announce that Lectures on more popular subjects will be occasionally given at the Gardens.

*Donations to the Museum.*

The Donations to the Museum during the past year were as follow:—

- A Pipe Fish, in spirit, presented by C. Shaw, Esq.
- A Collection of Bird Skins, from Upper Scinde, presented by Lieut. Burgess, 20th Reg. Nat. Inf.
- The Body of a Gazelle, presented by Geo. Smythe, Esq.
- A Preserved Snipe, in a glass case, presented by W. C. Tisoe, Esq.
- A Nest of the Dipper, presented by Mr. Prockter of Durham.
- Three Specimens of Sphæria, from New Zealand, presented by W. L. Lowndes, Esq.

## 3. LIBRARY.

No peculiarly advantageous opportunity having occurred for making additions to the Library, the purchases have been confined chiefly to works already subscribed for.

The great importance of a Zoological Library, from which Members of the Society may obtain books at their own houses, need scarcely be adverted to on this occasion. The Library contains about 1000 volumes, and among them many works of reference which are seldom to be found in private collections. To this class of zoological literature it is particularly desirable that the most extensive additions should be made, and it is hoped that this department of the Institution will continue to receive the contributions of those authors and other persons who are desirous of promoting its success, and facilitating the labours of the student.

*Donations to the Library.*

The principal Donations to the Library since the last Anniversary have been received from the following learned bodies, viz.:—

Transactions and Proceedings from the Royal Academy of Sciences of Paris, the Royal Academy of Sciences of Berlin, the Royal Academy of Sciences of Turin, the Imperial Society of Naturalists of Moscow, the Royal Society of Sciences of Göttingen, the Imperial Academy of Natu-

ralists of Breslau, the Royal Society of Sciences of Copenhagen, the Royal Academy of Sciences of Munich, the Royal Academy of Sciences of Stockholm, the American Philosophical Society, the Royal Society of Edinburgh, the Linnean Society of London, and the Entomological Society of London.

Proceedings, Bulletins, Mémoires, Journals, Annals and Reports have also been received from the Imperial Academy of Sciences of St. Petersburg, the Royal Society of Agriculture of Lyons, the Natural History Society of the Mauritius, the Lyceum of Natural History of New York, the American Academy of Arts and Sciences, the Franklin Institute of the State of Pennsylvania, the Society of Friends of Natural Philosophy at Vienna, the Royal Academy of Sciences of Brussels, the Linnean Society of Lyons, the Society of Natural Sciences of the Canton of Vaud, the Academy of Sciences of Montpellier, the Geological Society of Dublin, the Royal Institution of Cornwall, the Leeds Philosophical and Literary Society, the Boston Natural History Society, the Royal Geographical Society of London, the Royal Asiatic Society of Great Britain, the Royal Agricultural Society of England, and the Geological Society of London.

Donations have also been received from the Royal College of Surgeons of England, the Trustees of the British Museum, the British Association, the Editor of the *Athenæum* Journal, the Editor of the *Agricultural Magazine*, the Berwickshire Naturalists' Club, the Editor of the *London Geological Journal*, the Prince Metternich, Dr. Andr. Smith, Dr. Forbes Royle, Professor Passerini, Professor Pictet, Dr. Cantor, Dr. Frank Pruner, B. H. Hodgson, Esq., W. Spence, Esq., Jacob Bell, Esq., P. Kernan, Esq., Lovell Reeve, Esq., Colonel Griffith, Bombay Artillery, Dr. Brown of Boston (U. S.), and L. Von Fellenberg.

## GARDEN ESTABLISHMENT.

### 1. WORKS.

The expenditure for Works at the Gardens during the year 1847 presents a decrease of £897 3s. 7d. as compared

with 1846, and it has been principally directed to Repairs and minor Improvements, which appeared to the Council to be of such a nature as would not admit of postponement without danger to the property of the Society.

The Gardening Department has received the attention it deserves, and Donations of Plants and Seeds have been received from the Horticultural Society, Sir John Boileau, Bart., R. C. Griffiths, Esq., D. W. Mitchell, Esq., and others. A belt of Planting has been extended along the eastern and south-western boundary of the Pasture Ground, for the purpose of creating shelter in that exposed portion of the land occupied by the Society, which the Council are desirous of turning to more valuable account whenever the state of the funds will enable them to do so.

The consent of Her Majesty's Commissioners having been obtained for the erection of an Entrance-Gate in the Broad Walk, the Council have given directions for its immediate commencement, being convinced that it will afford a great increase of accommodation both to Visitors and Members.

## 2. MENAGERIE.

The Council have the greatest pleasure in referring to the present state of the Menagerie, which the constant care of their predecessors and the universal consent of the Society has always marked as the most important branch of the whole establishment. Their attention has not only been directed since the last Anniversary to the acquisition of new objects of interest, but to such minor improvements in their conservation and display as are likely to add to the comfort and health of the animals themselves, and consequently to facilitate the enjoyment of observers.

The acclimatization of Gallinaceous Birds having been always a prominent desideratum in the operations of this Society, the reconstruction of the dilapidated Pheasantry in the South Garden has been undertaken on a plan which it is believed will present a much more complete arrangement of these most interesting inhabitants of the Menagerie, with a prospect of success, which has hitherto been unattainable from the want of adequate convenience.

The greatest event which has characterized the advance of this department is undoubtedly the safe arrival of the *Aurochs*, presented by His Majesty the Emperor of Russia, which were delivered at Memel, on the 12th of August last, to the Under-keeper, in whose care they still remain. The history of their capture and treatment up to that time will be found in a paper by M. Dolmatoff in the Proceedings of the present year. To this gentleman, who so ably carried out the munificent command of the Emperor, and to Sir Roderick Impey Murchison, through whose influence the attention of His Majesty was directed to the possible success of an experiment which has resulted so favourably for science, the Council have awarded the Silver Medal of the Society, which is now first presented to commemorate the introduction of a new animal into England.

To Her Majesty the Queen, the Council have again had frequent occasions of addressing the thanks of the Society in acknowledgement of Donations which have afforded continued proofs of Her Majesty's interest in the progress of the Institution, and added very materially to the riches and completeness of the Collection.

The casualties which have occurred are fortunately not among the most valuable animals, if we except the two young Lions which died in June and January last, at that critical period of their existence which is always so dangerous to Felidæ.

The death of the larger Elephant on the 5th of June was an event which had long been expected, and the extensive disease of the knee-joint from which he had suffered, as well as the uncontrollable state of his temper, render the loss by no means a subject of regret.

The Council cannot but feel gratified in being able to present in their Nineteenth Report an extraordinary list of species exhibited for the first time, and they trust that a continuance of the exertions which have enabled them to secure these accessions, though perhaps not always rewarded with equal success, will at all events enable them to provide a constant series of additions to our knowledge of the true character of animals, which can only be acquired by

the Naturalist, and still more by the Artist, from healthy living specimens.

The whole number of Animals now in the possession of the Society is 1086, of which 359 are Mammalia, 714 Birds, and 13 Reptiles.

The whole number of Animals which have been exhibited by the Society from 1828 to the present time appears to have been about 7500.

*Donations.*

The Council have great pleasure in reporting, that since the last Anniversary they have had to acknowledge gifts to the Menagerie from

HER MAJESTY THE QUEEN.

*A Tapir, and a Jaguar.*

14 HIS MAJESTY THE EMPEROR OF RUSSIA.

*Male and Female Aurochs.*

The Earl of Derby, K.G., etc. etc., President.

*A Llama, a Nylghau, Two Hog Deer, Two Muntjac Deer, Two Musk Rats, Five Cape Rats, One Rat-Kangaroo, Two Cashmere Goats, a Chinese Dog, a Square-spotted Gennet, a Toucan (Rhamphastos toco), Two Curassows, Two Francolins, Eleven Passenger Pigeons, Twelve Senegal Pigeons, Two Summer Ducks, and a Snake (Coluber canus).*

Capt. Gooch, R.N. *A Drill Baboon.*

D. Holmes, Esq. *A Bonneted Monkey.*

Henry Villebois, Esq., F.Z.S.

*Three Red Deer.*

Lord Rodney. *A Rein-Deer and Two Common Buzzards.*

Sir Robert Heron, Bart., F.Z.S.

*A Male Llama, a Hog Deer, and a Musk Rat.*

Sir Everard Home, Bart., F.Z.S.

*Three Badgers.*

- Viscount Hamilton, F.Z.S.  
*A Guinea Baboon.*
- Lord Panmure, F.Z.S.  
*A Bennett's Kangaroo.*
- Mrs. Benfield. *A Wanderoo Monkey and a Raccoon.*
- Wm. Curling, Esq. *A Brown Bear.*
- John King, Esq. *An Anubis Baboon.*
- Miss Jones Loyd. *A Brazilian Deer.*
- Charles Whiteford, Esq.  
*A Kebset or African Sheep.*
- D. E. Cater, Esq. *A Mauge's Opossum.*
- Sir Henry Hunloke, Bart., F.Z.S.  
*A Jackal.*
- Capt. Horsburgh. *A Vervet Monkey.*
- Geo. T. Nicholson, Esq., F.Z.S.  
*A Jerboa.*
- E. Baker, Esq. *A Bonneted Monkey.*
- Thomas Dyer, Esq. *Two Bonneted Monkeys.*
- Hitchcock, Esq. *A Bonneted Monkey.*
- Mrs. Willoughby. *A Bonneted Monkey.*
- W. Gleadow, Esq. *A Bonneted Monkey.*
- Mrs. Johnson. *A Macaque Monkey.*
- Mrs. Harris. *A Grey Capuchin Monkey.*
- Mrs. Thurnall. *A Brown Capuchin Monkey.*
- Rev. E. B. Scott. *A Rhesus Monkey.*
- J. De Pass, Esq. *A Rhesus Monkey and a Vervet Monkey.*
- Major Longworth. *A Rhesus Monkey.*
- Moore, Esq. *A Macaque Monkey.*
- L. Bensusan, Esq. *A Black-backed Jackal.*
- Geo. Barnley, Esq. *Two Musk Rats.*
- Capt. Hope, R.N. *A Coypu Rat.*
- Thos. Alexander, Esq., F.Z.S.  
*An Australian Dog.*
- W. Jenkins, Esq. *A Chinese Dog.*
- The Dowager Lady Templemore.  
*A Parrot (Psittacus Guildingii).*
- W. Gore Ouseley, Esq.  
*A King Vulture: Three Curassows.*
- H. J. Garratt, Esq., F.Z.S.  
*A King Vulture.*

Capt. Martin, R.N. *A King Vulture.*

Rev. Thomas Thurlow, F.Z.S.

*A Golden Eagle.*

Edward Humphry, Esq.

*A Golden Eagle, a Cinereous Eagle, and  
a Chameleon.*

19 W. Sewell, Esq. *Two Black Storks.*

Mr. Jamrach. *An American Stork & a Common Heron.*

Mrs. Foord Hilton. *Two Silver Pheasants.*

Colonel Hawker. *Two Kestrel Falcons.*

19 — Sabine, Esq. *A Great-eared Owl.*

Thomas Edmonstone, Esq.

*Two Skua Gulls.*

Mrs. Thomas Bell. *Two Nutmeg Birds.*

F. Plomley, Esq., M.D.

*A Gannet.*

Mrs. Barrs.

*A Lesser Sulphur-crested Cockatoo.*

Wm. S. Gillett, Esq., F.Z.S.

*Three Muscovy Ducks.*

19 W. L. Lowndes, Esq.

*Three Barred Turtle Doves from Au-  
stralia.*

J. Nickols, Esq. *Two specimens of Proteus anguinus.*

Donations have also been received from H. Doubleday, Esq., Wm. Hunt, Esq., E. Thompson, Esq., Mrs. Morgan, Mrs. Dixon, Mrs. Gutch, Capt. Price, R.N., E. N. Hurt, Esq., F.Z.S., F. C. Fitton, Esq., Mrs. Dean, Mrs. Stringer, and N. Symons, Esq.

LIST OF SPECIES EXHIBITED FOR THE FIRST TIME IN  
THE MENAGERIE.

MAMMALIA.

QUADRUMANA.

Pluto Monkey. *Cercopithecus Pluto*, Gray, n. sp.

Ouakari. *Brachyurus Ouakari*, Spix.

Pinche Marmoset. *Jacchus Œdipus*, Desm.

Galago. *Galago crassicaudata?*



## CARNIVORA.

- Agouara. *Procyon cancrivorus*, Ill.  
 Brown African Ichneumon. *Herpestes paludosus*, Cuv.  
 Azara's Fox. *Canis Azaræ*, Pr. Max.  
 Indian Wolf. *Canis pallipes*, Sykes.

## RUMINANTIA.

- Aurochs. *Bos urus*, Bodd.  
 Brocket Deer, n. sp. *Cervus* — ?  
 Red Brocket, ♀. *Cervus rufus*, F. Cuv.

## RODENTIA.

- Tree Porcupine. *Cercolabes novæ-hispaniæ* (Briss.).  
 Moco-Cavy. *Cavia rupestris*, Pr. Max.  
 Cape Rat. *Gerbillus montanus* ?

## MARSUPIATA.

- Red-necked Kangaroo. *Halmaturus elegans* (Lamb.).

## BIRDS.

## RAPTORES.

- Imperial Eagle. *Aquila mogilnik*, Gm.  
 Guiana Harpy. *Morphnus guianensis*, Cuv. ?  
 Jean le Blanc. *Circaëtus gallicus*, Gm.  
 Indian Eagle. *Haliaëtus (Cuncuma) Macei*, Cuv.  
 North American Buzzard. *Buteo borealis* (Gm.).  
 Iceland Falcon. *Falco islandicus*, Hanc.

## INSESSORES.

- Northern Shrike. *Lanius borealis*, Vieill.  
 Regent Bird. *Sericulus mellinus* (Lath.).  
 Hunting Crow. *Cissa sinensis*, Bodd.  
 Spanish Sparrow. *Pyrgita hispaniolensis*, Cuv.  
 Soulcie. *Fringilla petronia*, Linn.  
 Algerine Chaffinch. *Fringilla modesta*.  
 Mealy Redpole. *Cannabina canescens* (Gould).  
 Italian Starling. *Sturnus unicolor*, Marm.  
 Purple Finch, ♀. *Carpodacus purpureus*, Gm.  
 Blue Bird. *Sialia Wilsoni*, Sw.

## SCANSORES.

- Lorikeet. *Eos* ———?
- Ruby-fronted Love Bird. *Psittacula rubrifrons*, Vig.
- West African Parrot, n. sp. *Psittacus Rüppellii*.
- . *Licmetis tenuirostris*, Wagl.
- Bauer's Platycercus. *Platycercus Baueri*, Vig. & Horsf.
- . *Platycercus semitorquatus*, Quoy  
et Gaim.
- . *Platycercus flaviventris* (Temm.).
- Barnard's Platycercus. *Platycercus Barnardi*, Vig. &  
Horsf.
- . *Platycercus (Psephotus) hæma-*  
*tonotus*, Gould.
- . *Platycercus (Psephotus) hæma-*  
*togaster*, Gould.
- Turcosine Grass-Parrakeet. *Euphema pulchella* (Shaw).
- Grass-Parrakeet. *Euphema elegans*, Gould.

## COLUMBÆ.

- Crested Pigeon. *Ocyphaps lophotes* (Temm.).
- Australian Barred Dove. *Geopelia tranquilla*, Gould.
- Brush Bronze-Wing. *Phaps elegans* (Temm.).

## RASORES.

- Small Razor-billed Curassow. *Pauxi tomentosa* (Spix).
- Guan. *Ortalida jacupemba* (Spix).
- Penelope. *Penelope superciliaris*, Illig.
- Penelope. *Penelope pileata*, Licht.
- Hybrid Guinea Fowl. *Numida* ———?
- Clapperton's Francolin. *Francolinus Clappertoni*, Gray.

## GRALLATORES.

- Great Bustard. *Otis tarda*, Linn.
- Houbara. *Otis houbara*, Linn.
- Australian Plover. *Sarciophorus pectoralis*, Gould.
- European Crane. *Grus cinerea*, Bechst.
- Hooping Crane. *Grus americana*, Briss.
- American Stork. *Ciconia maguari* (Lath.).
- Baillon's Crake. *Crex pygmæa*, Naum.

## NATATORES.

- Skua Gull. *Lestris catarrhactes* (Linn.).

## REPTILES.

Lizard. *Lacerta ocellata*, Daud.  
 Teguxin. *Teius nigropunctatus* (Spix).  
 South African Snake. *Coluber canus*.

## VISITORS.

The number of Visitors to the Gardens in 1847, exclusive of the Promenade-days, was 88,582; of these 23,783 were privileged, and 64,799 unprivileged.

The money received for admission was £3239 19s.

The number of Visitors to the four Promenades was 4964, of which 3278 were privileged, and 1686 unprivileged.

The money received for the sale of Tickets was £286 11s. 6d.

The total number of Visitors therefore in 1847 was 93,546.

But the Council have the satisfaction of stating in conclusion that, notwithstanding the extremely unfavourable state of the weather for some time past, the number of Visitors during the present year presents an increase of 997 over the corresponding period of 1847, and that between October and December of last year there was an increase of 2253 above the corresponding period of the year preceding.

*Committees of Audit, Finance, and Publication.*

The Council have once more the pleasing duty of recording their thanks to the Committees of Audit, Finance, and Publication, for their valuable services in discharging the important business of their several departments.

REPORT  
OF THE  
AUDITORS OF THE ACCOUNTS,

*Appointed January 6, 1848.*

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THE Committee of Auditors having carefully examined the Accounts of the Society for the Year ending December 31, 1847, and having inspected all the Books and seen Vouchers for all the Payments,—now beg to lay before the Society the following Abstract of such Accounts, together with a Statement of the Assets and Liabilities of the Society, and a Report thereon.

## RECEIPTS.

					£. s. d.		
Balance of Cash brought from Dec. 31, 1846.....					231 16 4		
INCOME.							
Belonging to year		£. s. d.			£. s. d.		
1844	{ Admission Fees .....	5	0	0			
	{ Annual Subscriptions .....	5	0	0			
					10	0	0
1845.	Annual Subscriptions .....				10	0	0
1846	{ Admission Fees .....	10	0	0			
	{ Annual Subscriptions .....	52	0	0			
	{ Ivory Tickets .....	3	3	0			
	{ Transactions .....	4	7	0			
	{ Garden Sales .....	2	0	0			
	{ Farm Rent .....	30	0	0			
					101	10	0
1847	{ Admission Fees .....	110	0	0			
	{ Compositions .....	100	0	0			
	{ Annual Subscriptions .....	2870	14	0			
	{ Ivory Tickets .....	93	8	0			
	{ Promenade Tickets.....	286	11	6			
	{ Admissions to Gardens .....	3239	19	0			
	{ Garden Guides .....	1	17	0			
	{ Garden Sales .....	146	1	10			
	{ Dividends on Bank Annuities, &c. ....	269	12	6			
	{ Transactions .....	98	4	0			
	{ Proceedings .....	14	7	11			
	{ Donation towards the erection of a } new Pheasantry .....	10	0	0			
		{ Garden Rent .....	350	0	0		
	{ Farm Rent .....	28	5	9			
					7619	1	6
1848	{ Annual Subscriptions anticipated .....	18	0	0			
	{ Ivory Tickets ditto .....	4	4	0			
					22	4	0
1849.	Annual Subscriptions ditto.....				3	0	0
INCOME IN 1847.....					£7765	15	6
Proceeds of Sale of £2285 4s. 5d. 3 per Cents. } Consols .....							
					1954	19	2
					£9952	11	0

## PAYMENTS.

EXPENDITURE.		Farm.	Gardens.	Museum.	General Estabt.	Total.
		£. s. d.	£. s. d.	£. s. d.	£. s. d.	£. s. d.
Belonging to years 1844 and 1846.	{ Rent, &c. ....	29 2 6	388 10 2	.....	54 17 3	472 9 11
	{ Bills .....	.....	1280 3 9	26 16 2	258 12 11	1565 12 10
		29 2 6	1668 13 11	26 16 2	313 10 2	2038 2 9
1847	{ Rent, Rates, and Taxes ...	29 2 6	436 6 1	.....	172 16 9	
	{ Salaries and Wages.....	.....	226 14 3	93 19 6	654 4 9	
	{ Keepers' Dresses.....	.....	43 1 0			
	{ Cost of Animals .....	.....	463 3 4			
	{ Carriage of Animals and Keepers' Expenses ... }	.....	116 10 3			
	{ Provisions .....	.....	2253 2 0			
	{ Menagerie Expenses .....	.....	479 12 5			
	{ Garden Expenses .....	.....	403 7 10			
	{ Promenade Expenses .....	.....	313 0 5			
	{ Poultry Exhibition ditto...	.....	58 14 3			
	{ House and Office Expenses .....	.....	48 6 7	.....	128 2 8	
	{ Works, Repairs, &c. ....	.....	503 5 11	5 18 6	13 9 10	
	{ Stationery and Printing ...	.....	3 16 6	.....	34 18 7	
	{ Military Band Expenses...	.....	46 18 6			
	{ Museum Expenses .....	.....		78 17 1		
	{ Carriage of Subjects .....	.....		1 1 10		
	{ Library Expenses .....	.....		45 4 6		
{ Transactions .....	.....			16 11 0		
{ Returned Subscriptions ...	.....			2 0 0		
Paid on account of the current year .....		29 2 6	6395 19 4	225 1 5	1022 3 7	7672 6 10
EXPENDITURE IN 1847.....		58 5 0	8064 13 3	251 17 7	1335 13 9	9710 9 7
Paid for Power of Attorney .....						1 1 6
Cash at the Banker's, December 31, 1847.						240 19 11
				£165 19 11		
				Petty Cash Account ...	75 0 0	
						£ 9952 11 0

The Assets and Liabilities of the Society on the 31st of December, 1847, were as follow:—

ASSETS.							
	Living and Preserved Collections.	Arrears of		Capital Funded.	Cash.		
		Previous Years.	Current Year.				
		£.	s.	d.	£.	s.	d.
Cash at Banker's.....							240 19 11
£5972 5s. 11d. } Reduced 3 per Cents..... }					5304	3 11	
£1000 Consolida- dated 3 per Cents..... }					413	3 0	
Annual Subscrip- tions..... }		96	0	0	230	0 0	
Transactions ...		1	10	0	2	5 0	
Garden Stock } sold, unpaid } for..... }		13	1	0	3	17 6	
Farm Rent .....					30	0 0	
	Uncertain.	110	11	0	266	2 6	5717 6 11
							240 19 11

## LIABILITIES.

	Debts.	
	£.	s. d.
Bills, &c. unpaid, estimated at—		
For the Gardens .....	646	11 6
— Museum .....	14	1 6
— General Establishment .....	148	8 11
		809 1 11
Rent, &c. unpaid—		
For the Gardens .....	134	8 6
— Museum .....	30	0 0
— General Establishment .....	48	10 10
		213 16 10
		£1022 18 9

## INCOME.

From the annexed statement it appears that on comparison with the accounts for the year 1846, there is a decrease amounting to £539 2s. 3d. This may have arisen partly from the very general and severe pressure of the times, and also from the ungenial state of the weather during a portion of the year; but the Committee feel it a subject of congratulation, that under the head of "Admission Fees," paid by Fellows newly elected, there is an increase, as compared with the average of the last four years, of thirty-three per cent.

## EXPENDITURE.

Under this head it will be observed that there is an increase of £1098 17s. 10d. This arises mainly from the Liabilities of previous years being all paid off, the whole of which amounted to £2038 2s. 9d., including the sum of £295 13s. 8d. incurred in 1844, being a balance due for the erection of the Carnivora Dens, which had remained unpaid in consequence of a disputed claim.

The Committee desire to observe, that with the addition of 226 animals to the Menagerie during the year, it must reasonably be expected, from the increased consumption and high price of provisions, that a considerable additional outlay for food would necessarily have been incurred.

## ASSETS.

The Assets of the Society are as follow:—

	£	s.	d.
Cash at the Banker's . . .	240	19	11
Three per Cents . . . . .	5717	6	11
	<hr/>		
	£5958	6	10
	<hr/> <hr/>		

We regret to state that it has been found necessary to



diminish the Assets during the last year from £7903 0s. 11*d.*, the amount stated in the last Report, to £5958 6s. 10*d.*, their present amount: this diminution is caused by a reduction of Liabilities to the extent of £1127 1s. 3*d.*, and therefore the actual deficiency in the Assets of this year, when compared with the preceding, is only to the extent of £817 14s. 1*d.*

### LIABILITIES.

In consequence of the reduction under this head, stated above, the Liabilities now amount to only £1022 18s. 9*d.*, whereas by reference to the last year's Report it will be seen that £2150 was the then amount.

The Auditors feel pleasure in bearing testimony that the Accounts have again this year been presented by the Accountant, Mr. Leigh, in their usual accurate manner.

PETER POLE.  
G. H. PINCKARD.  
JOHN VAN VOORST.  
CHARLES BELL.  
WILLIAM ORR.  
JOHN GOULD.  
JOHN EDWARD GRAY.

11 *Hanover Square*, March 10, 1848.

## TERMS FOR THE ADMISSION OF MEMBERS.

FELLOWS pay an Admission Fee of £5; and an Annual Contribution of £3, on the 1st of January in every year, or a composition of £30 in lieu thereof.

ANNUAL SUBSCRIBERS pay a Contribution of £3 on the 1st of January in every year.

HONORARY, FOREIGN and CORRESPONDING MEMBERS pay no Contribution.

## PRIVILEGES OF MEMBERS.

FELLOWS have personal admission to the Gardens and Museum with two companions daily. They receive also Twenty Tickets annually for the admission of Friends at any time, except on Promenade Days: on Sundays they have the power of admitting two Friends, by previously inscribing their names in a book kept at the Office and Garden for that purpose, and on Saturdays, by a signed order, instead of by their personal introduction.

The WIFE OF A FELLOW can exercise all these privileges in his absence.

ANNUAL SUBSCRIBERS have personal admission to the Gardens and Museum with one companion daily: and may admit one Friend without their personal introduction on Sundays by inscribing the name as above, and on Saturdays, by a signed order.

The WIFE OF AN ANNUAL SUBSCRIBER may exercise these privileges in his absence.

HONORARY, FOREIGN and CORRESPONDING MEMBERS have personal admission to the Gardens and Museum on all occasions when they are open to the Fellows and Annual Subscribers.

FELLOWS, ANNUAL SUBSCRIBERS, HONORARY, FOREIGN and CORRESPONDING MEMBERS are entitled to one copy of the Scientific Proceedings of the Society on application at the Office, and are entitled to purchase the Transactions and other publications of the Society at 25 per cent. less than the price charged to the Public.

They may obtain on the payment of One Guinea annually an IVORY TICKET, which will admit a named person of their immediate family to the Gardens and Museum with one companion daily.

They may also obtain any number of Tickets, in addition to

those to which they are entitled, for the free admission of Friends without their personal introduction, on payment of One Shilling per Ticket, at the Office, 11 Hanover Square.

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Members are expected to give their names on entering the Gardens.

The Gardens are open from Nine o'clock A.M. till Sunset. The Museum from Ten till Six; and the Office from Ten till Five.

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Subscriptions and all other communications are received at the Office, 11 Hanover Square, where also may be had the following Publications of the Society:—

TRANSACTIONS. Vols. I. II. and Parts 1-5 of Vol. III. Price £10 18s. 6d., sewed.

PROCEEDINGS OF THE SCIENTIFIC MEETINGS. 1832-1847. 16 Vols. Price £3 12s. in cloth boards.

ILLUSTRATIONS OF THE PROCEEDINGS. Part I., containing six coloured and three plain Plates. Price 6s. in a Wrapper. Part II. is in the Press.

DAVID WILLIAM MITCHELL, B.A.,  
*Secretary.*