

REPORTS

OF THE

COUNCIL AND AUDITORS

OF THE

ZOOLOGICAL SOCIETY

OF LONDON,

READ AT THE ANNUAL GENERAL MEETING,

APRIL 29, 1843.

LONDON:

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RED LION COURT, FLEET STREET.

1843.

REPORT OF THE COUNCIL.

THE Council beg leave to present to the Fellows of the Zoological Society of London the following Report of their proceedings during the past year, and of the present condition of the several departments.

I. GENERAL ESTABLISHMENT.

1. MEMBERS.—*a. Fellows.*

The number of Fellows and Fellows elect at the present moment amounts to 2478, of which the following is a summary:—

Paying annual contributions of £2	960
Ditto ditto £3	912
Have compounded	487
Are on the dormant list	110
Have not paid entrance-fees	9
	<hr/>
	2478

Of this number, 37 have been elected since the last Anniversary, and 8 re-admitted under the provision of the By-Laws, Chap. 1. sect. 9. The number of resignations during the same period has been 109, and of deaths 45; and the removals ordered by the Council, in conformity with the By-Laws, amount to 140, viz. 35 under the provision of Chap. 1. sect. 5, and 105 under Chap. 1. sect. 9.

The number of Candidates for the Fellowship is 6.

b. Honorary and Foreign Members.

The number of Honorary and Foreign Members remains as at the last Anniversary.

c. Corresponding Members.

The number of Corresponding Members at present on the lists of the Society amounts to 141; and the Council are happy to announce that the zeal of this useful class of our Associates

for the advancement of the Society continues to be manifested with unabated ardour, as is proved by the numerous donations both to the Menagerie and Museum, which will be announced in the following lists. Among those elected during the past year, the Council have a peculiar satisfaction in referring to the name of Sir Jamsetjee Jejubhoy of Bombay, a gentleman already honourably known for the munificent patronage which he extends to the charitable and scientific institutions of his native country, and who has acquired the well-merited approbation of his sovereign in the first knighthood ever conferred on a native of British India. Conjointly with his friend A. N. Shaw, Esq. of the Honourable Company's Civil Service at Dharwar, also an active and zealous Corresponding Member, to whom the Council are under many obligations, Sir Jamsetjee Jejubhoy has already, with his customary generosity, transmitted, at his own cost, a number of valuable animals to the Society's Menagerie, some of which have already arrived, and others are shortly expected.

2. FINANCES.—*a. Income and Expenditure.*

The income of the Society for the year 1842 amounted to the sum of £10,087 18s. 10*d.*, and the expenditure to £9721 8s. 7*d.*, leaving a surplus of £366 10s. 3*d.* in favour of the income. The Council have to regret that the diminution of income noticed in last year's Report, as compared with the previous receipts, has been continued during the past season; but retrenchments have been effected in an equal or greater proportion, and the Council have never lost sight of the pledge so frequently repeated in former Reports, to reduce the expenditure of the Society whenever an opportunity occurred of doing so, without impairing the general efficiency of the several departments. With this view they have reappointed the Receipt and Expenditure Committee whose labours were so effective in reducing the expenditure of the Society in the year 1839, and from which they hope for equally beneficial results during the present season. Already, on the recommendation of the Committee, the Council have been induced to consolidate the offices of Head Keeper and Medical Superintendent, which will effect a saving of £250 per annum,

without in any degree impairing the general efficiency of that department; and the Committee hope that, by a rigid examination into the working and necessities of other branches, they may be able to recommend still more extensive retrenchments. Owing to complaints of irregularity on the part of the late contractor for working the steam-engine, a Committee of Council was appointed shortly after the last Anniversary Meeting to investigate and report on the matter; and the result of their labours was recommendation to the Council to hire an engineer and work the engine in future on their own account. This recommendation has been adopted with the best effect; the supply of water has been more abundant than formerly, though the pumps work only three or four days a week, the engineer's spare time being usefully employed in various odd jobs about the Gardens, and the saving in coals amounting to between £50 and £60 per annum.

But the Committee do not confine their labours to the reduction of expenditure. It is likewise a part of their duty to inquire into and suggest means for the improvement of the receipts. With this view it has been suggested that the addition of a military band to play in the Gardens on certain Saturdays in the months of May, June, and July, might be the means of maintaining, and even increasing the interest which the public have so long manifested in the Gardens. This plan, as is well known, has been adopted with the best effect by the Horticultural and Royal Botanical Societies; it is at present under the consideration of the Council, and their determination will be announced to the Fellows of the Society on the distribution of the present Report.

The Council further hope that the completion of the Museum and New Carnivora Terrace now in process of erection at the Gardens, by materially increasing the general attractions, will be the means of drawing additional visitors, and adding to the future income of the Society.

b. Assets and Liabilities.

The available assets of the Society, that is to say, the actual assets, exclusive of Stock, buildings and other property at the Gardens and Museum, amounted on the 31st of December to

the sum of £14,690 2s. 8d. Of this sum, £500 was invested in Exchequer Bills during the last season, but taking into account the difference in the amount of the cash balance at the end of the last and previous years, the actual saving on the year has been only £376 18s. 1d. For more detailed information on this subject, as well as with regard to the Finances of the Society in general, the Council beg to refer to the Report of the Auditors.

II. SCIENTIFIC ESTABLISHMENT.

1. MUSEUM.

In the last Anniversary Report it was announced that the Council had made a provisional selection of a design for the erection of a Museum at the Gardens, and that negotiations for that purpose had been opened with the Commissioners of Woods and Forests on the basis of the Resolution of the Special General Meeting of the Society held on the 8th of July 1841. Unforeseen difficulties arose during the progress of this negotiation, especially with respect to the site of the proposed building, which caused such protracted delays as induced the Council to reconsider the whole subject; and it has been finally determined to convert the present Carnivora House, enlarged by a new building of equal dimensions on the south, into a Museum for the reception of the preserved Collections. The space thus afforded will, it is conceived, be sufficient for the immediate wants of the Society; whilst the plan has the further advantage of being attended with a very material saving in the estimated outlay. The new building at present in process of erection is to be completed by contract for the sum of £803, and the necessary alterations in the present Carnivora House and the removal of the Collections will probably cost about as much more; so that the Council confidently expect to complete the two important works at present in progress at the Gardens—the Museum and Carnivora Terrace—for a less sum than that originally voted by the Society for the Museum alone. Both these works, the latter of which will be more particularly referred to in a succeeding part of this Report, will be completed by the middle of June, and the animals and preserved collections removed into them as soon as possible afterwards.

Donations to the Museum.

The following is a List of the principal Donations to the Museum since the last Anniversary:—

A Collection of Skins of Quadrupeds, viz.

Rhinoceros bicornis. Adult.

Hippopotamus amphibius. Adult.

Catoblepas Gorgon. Male and Female.

———— Gnu, *Auct.*

Antilope ellipsiprymnus. Male.

———— melampus. Male.

———— lunata.

———— caama and young.

———— equina. Male and Female.

———— oreotragus.

———— pediotragus.

Megalotis lalandii.

Lepus saxatilis.

———— arenarius.

Herpestes fasciatus, and Gerbillus afer.

The Skins of seventy-one Birds, and a valuable Collection of Insects, containing 541 species (1177 specimens) of various orders. The whole from the interior of Southern Africa, presented by the Right Hon. the Earl of Derby, President.

An extensive and valuable Collection of Skins, principally from Sincapore and Borneo, consisting of 39 Mammals, 249 Birds, 1 Reptile, and a large Case of Shells, presented by James Brooke, Esq., of Borneo, Corr. Member.

A valuable Collection of Bird-Skins from India, containing 460 specimens, and the Heads of three Antelopes, presented by Walter Ewer, Esq., F.Z.S.

A Specimen of a Duck from British Guiana, apparently undescribed, presented by R. H. Schomburgk, Esq., Corr. Member.

Specimens of an Angler and a Sword Fish (*Xiphias gladius*, Linn.), presented by John Sweeting, Esq.

Twelve Bird-Skins, and some specimens of Sponges, &c., from Newfoundland, presented by Edward Lee Moore, Esq., of St. John's, Corr. Member.

A Specimen of a Manis, presented by the Right Hon. Sir Alex. Johnston.

- A Nest of an Oriole, built in an Aviary in the Garden of James Ford, Esq., of Clapham, presented by that Gentleman.
- The following Specimens in Spirit:—two Freshwater Tortoises, three Birds, one Shrew, one Bat, one Rat, and one Helix from Samsoun. Also two Hedgehogs, two Frogs, a Blind Worm, and a Snake from Trebizond, presented by Edward Dalzell Dickson, M.D., of Constantinople, Corr. Member.
- Specimens of 10 Birds and a Lizard, in spirit, from Erzeroom, presented by Henry James Ross, Esq., of Erzeroom, Corr. Member.
- A Collection of Specimens in spirit, consisting of a Box Fish (*Ostracion*), a rare Shell (*Triton*), two deformed Chickens, a Flying Fish, a Tetraodon, three specimens of *Scolopendra*, the larva of a *Cerambyx*, and some Lepades, presented by H. Pointer, Esq.
- Three Bird-Skins, and a Collection of Insects and Birds' Eggs, from Erzeroom. Also the Skull of a Samsoun Hare, presented by Messrs. Dickson and Ross, Corr. Members.
- Various Specimens of Crustacea arranged in a glass case, and the following specimens in spirit:—six Reptiles, two Fishes (*Hippocampus*), one Zoophyte, two Spiders, two Bats, and a larva of a Coleopterous Insect. Presented by John N. Tweedy, Esq., Vice-Consul at Port-au-Prince, Corr. Memb.
- A Specimen of a Flying Phalanger (*Belidea ariel*), presented by John Gould, Esq.
- A Specimen of the Spotted Salamander (*Salamandra maculosa*), presented by the Earl of Orkney, V.P.
- A Skin of the Black Bear (*Ursus Americanus*), a Skin of the Grisly Bear (*Ursus ferox*), and three Skins of the Bison (*Bos Americanus*), presented by the Hon. Charles Aug. Murray.
- Four Man-of-War Bird-Skins (*Tachypetes*), two Coursers (*Cursorius* —), and one Kestrel (*Cerchneis* —), from the Island of Bona Vista, presented by John Rendall, Esq., Her Majesty's Consul at the Cape de Verd Isles.
- An Antelope (*Antilope Ogilbyi*, Waterh.), a Monkey (young) (*Cercopithecus Pogonias*), an imperfect Skin of *Colobus leucomeros*, an imperfect Skin of *Viverra Civetta*, three Bats, two Squirrels (one the *Sciurus Poensis* of Dr. Smith), an

Antelope's Horn, and twenty-three Bird-Skins, all collected in the late Expedition to the Niger, presented by T. R. H. Thompson, Esq., Acting Surgeon on board Her Majesty's steam-vessel Soudan.

Nineteen species of Testacea, collected at Chusan, presented by Dr. Cantor, Bengal Medical Service, Corr. Memb.

The Skin of a Yak (*Bos poëphagus*), presented by Mrs. Farrell.

Donations have also been received from Lord Courtown; Rev. R. T. Lowe, Corr. Memb.; A. Empson; H. L. Porter; C. Grove; Capt. Reynolds; and George Wood.

2. LIBRARY.

The principal donations to the Library since the last Anniversary have been—

Transactions and Proceedings of the Linnean Society of London, presented by the Society.

Transactions and Proceedings of the Geological Society of London, presented by the Society.

Transactions and Proceedings of the Entomological Society of London, presented by the Society.

Transactions and Proceedings of the Royal Society of Edinburgh, presented by the Society.

Transactions and Proceedings of the Royal Academy of Sciences of Munich, presented by the Academy.

Transactions and Proceedings of the Royal Academy of Sciences of Berlin, presented by the Academy.

Transactions and Proceedings of the Royal Academy of Sciences of Stockholm, presented by the Academy.

Transactions of the Royal Academy of Sciences of Turin, presented by the Academy.

Transactions of the Society for Encouragement of the Arts, &c., presented by the Society.

Transactions of the Imperial Academy of Naturalists of Breslau, presented by the Academy.

Besides Proceedings, Journals, Bulletins and Memoirs from the following learned bodies:—The Royal Academy of Sciences of Paris, the Museum of Natural History of Paris, the Imperial Society of Naturalists of Moscow, the Royal Academy of Sciences of Brussels, the Royal College of Sur-

geons of London, the Physical and Natural History Society of Geneva, the Academy of Natural Sciences of Philadelphia, the National Institution for the Promotion of Science established at Washington, the British Association for the Advancement of Science, the Royal Agricultural Society of England, the Royal Institution of Cornwall, the Horticultural Society of London, and the Yorkshire Philosophical Society.

Donations have also been received from the Editors of the Athenæum Journal and the Illustrated Polytechnic Review; Dr. Cantor; Dr. Andrew Smith; Dr. Passerini; and Isaac Lea, Corr. Members; the Prince of Canino; Dr. Ruppell; A. Valenciennes and M. Lesson, Foreign Members; Lovell Reeve; P. Kernan; Sir John Franklin; Jacob Bell; M. Burmeister; Edw. Newman; Sir W. Jardine; John E. Gray; Fred. Robinson, R.N.; Dr. Morton; Professor Agassiz; J. P. Giraud, Jun.; F. J. Pictet, and R. I. Murchison.

3. SCIENTIFIC MEETINGS AND PUBLICATIONS.

The causes alluded to in last year's Report as having seriously interfered with the attendances and abridged the interest formerly taken in the Scientific Meetings of the Society, that is to say the unsettled state of the Museum question, want of immediate and ready access to specimens required for illustration, and the inconvenient situation of the apartments temporarily occupied by the Society, have continued during the last year to impede the regular working of this department. Whilst the ultimate situation of the Museum was still doubtful, it was impossible for the Council to determine what amount of accommodation the Society would require in town; but now that that question has been finally disposed of, no time will be lost in procuring permanent accommodation for the Society in an eligible central situation.

III. GARDEN ESTABLISHMENT.

1. WORKS.—*New Carnivora Terrace.*

The Garden Arrangement Committee mentioned in the Report of 1842 as having been then recently appointed, assembled shortly after the last Anniversary, and were actively engaged during the summer and winter in prosecuting the

important objects of their appointment. The Committee turned their attention in the first place to the necessity of providing more airy and convenient lodgings for the Carnivora, which, as one of the most attractive portions of the Collection to general visitors as well as on account of the health of the animals themselves, required better accommodation than the Council had been heretofore able to afford them. After minutely considering the question in all its various bearings, the Committee came to the resolution that these important objects would both be materially promoted by the adoption of open instead of closed dens for the accommodation of the Carnivora, and a report to that effect was presented to and adopted by the Council on the 29th of June, accompanied by a plan for carrying out these views by continuing the present Terrace-walk on arches with ranges of cages underneath for the accommodation of the animals. The Council conceive themselves justified in entertaining confident hopes of success from the new plan of treatment which they are now about to adopt for the first time towards the Carnivora; and they venture to hope that the arrangement which they have decided on, as combining ornament with utility, will meet with the approbation of the Society at large. The whole building will extend for about 150 feet from the bears' pit on a line with the present Terrace, the walk of which will be continued over its roof, with an ornamental balustrade on each side and a descent by a flight of stone steps at the further extremity. Underneath this Terrace, on each side, will be a range of six cages, each 24 feet long and capable of division into compartments of 12 or 6 feet each, with a sleeping den of 6 feet square for each 12-foot cage, properly ventilated, but at the same time carefully contrived to exclude cold and retain the natural heat. Artificial heat will be entirely dispensed with, and the only further protection contemplated is an awning to shield the animals from the direct rays of the sun in summer or from storms or rain in winter. The contractors are bound to complete the building by the 10th of June, and the animals will be removed into it as soon as it is considered sufficiently dry for their reception.

No other works of consequence are at present in progress connected with the Garden Department; but the important

questions of the Museum and Carnivora being disposed of, the Council will have more leisure to turn their attention to the accommodation of the Ruminantia, Gallinacea and other pressing arrangements.

2. MENAGERIE.

The Committee of Auditors have mentioned it in their Report as a subject of regret "that it has been necessary to expend a less sum in the cost of animals during the past than in the preceding year." This was however rather a matter of prudence than of necessity, for the Council did not consider themselves justified in expending large sums in the purchase of animals whilst the contemplated arrangements for their accommodation remained incomplete. In the Monkey and Parrot Houses, where sufficient and proper accommodation is afforded to the inmates, the Collection has always been carefully maintained in as complete a state as possible, and as soon as the New Carnivora Terrace is fit for their reception, the Council will take care to maintain that part of the Collection in a state worthy of the Society.

But though the purchases have been on a more limited scale than formerly, the donations have been equally numerous during the last as during any preceding season; and the Council have the pleasing duty of once more recording their thanks to their numerous friends for the zeal and activity which they continue to evince in promoting the objects of the Society. The Council beg to direct the attention of the Society more especially to the munificent donations of the President and Lady Rolle, and to those of Sir Thomas Reade and Colonel Warrington, two of the oldest and most liberal contributors to the Gardens.

The Giraffes still continue to enjoy the usual good health which has attended them ever since their arrival in the Gardens. The female is again with young, and is expected to calve about the middle of February. The Orang-outan also continues to enjoy excellent health, and the Council congratulate the Society on the preservation of this rare and interesting animal, which has now lived nearly three years and a half at the Gardens, or nearly twice as long as any individual of the species was ever known to live in Europe before.

Donations to the Menagerie.

The principal donations to the Menagerie during the past year were as follows:—

- A young Puma, a female Hybrid, between the Common Zebra and Dshiggetai, a Coquimbo Fox, a Bonneted Monkey, a Paradoxure Gennet, a Coati-Mondi, two Toulouse Geese, a Spur-winged Goose, two Hybrids, between the White-fronted and Barnacle Geese, a Rhea, and four Passenger Pigeons, presented by the Right Hon. the Earl of Derby, President.
- A young Leopard, presented by Her Majesty.
- A Lioness, three young Ostriches, a Golden Eagle, and two Civet Cats, presented by Sir Thomas Reade, Her Majesty's Consul at Tunis, Honorary Member.
- A Leopard, presented by Colonel Warrington, Her Majesty's Consul at Tripoli, Corr. Member.
- A Tiger and a Sloth Bear, presented by Alex. N. Shaw, Esq., Hon. E.I.C. Civil Service, Bombay, Corr. Member.
- A Spider Monkey, a Cuba Bloodhound, and an Alligator, caught near Tampico, presented by Capt. Rob. Fayrer, R.N., Corr. Member.
- Two Foxes (male and female) from Norway, presented by J. R. Crowe, Esq., Her Majesty's Consul at Finmarken.
- A Wild Dog from India (*Canis Dukhunensis*), presented by Colonel Sykes.
- A Green Monkey, presented by Miss Frodelle.
- An Entellus Monkey, presented by Miss Richardson.
- A Pig-tailed Baboon and a Macaque Monkey, presented by Wm. Stevenson, Esq.
- A Barbary Ape, presented by Lord Bagot.
- A Macaque Monkey, presented by Mrs. Anderson.
- A Macaque Monkey, presented by E. Meldola, Esq.
- A Dog-faced Baboon, presented by Lieut. Webb, R.N.
- A Brown Capuchin Monkey, presented by William Hood, Esq.
- A Moustache Monkey, presented by W. Stannard, Esq.
- A Macaque Monkey, presented by H. Barton, Esq.
- A Macaque Monkey, presented by Mr. Rich.
- A Dog-faced Baboon, presented by Lieut. Steevens.
- A Capuchin Monkey, presented by Mrs. Bridgman.
- A Common Goat, presented by Miss Taylor.
- A Malayan Sun Bear, presented by Charles G. Jones, Esq.
- A Wallachian Ram, presented by Jos. Jas. Forrester, Esq.
- A Dog from Nootka Sound, presented by Capt. Sir Edward Belcher, R. N.
- A Moose Deer, (the survivor of two forwarded from St. Petersburg) presented by Edw. Cayley, Esq.

- Two Brahmin Cows from Guzerat, presented by Sir James Rivet Carnac, Bart.
- An Esquimaux Dog, presented by T. S. Thompson, Esq.
- A Brown Coati-Mondi, presented by Captain Creagh.
- A Collared Peccary, presented by R. Pollard, Esq.
- A Hybrid, between the Persian and Common Ass, presented by — Scorer, Esq.
- An Ibex from Candia, presented by Admiral Sir John West.
- A Flying Squirrel Opossum, presented by Mrs. Cartwright.
- Two Capuchin Monkeys, presented by S. Neave, Esq.
- A Brahmin Bull, a Zebu Cow, and a Golden Eagle, presented by Lord Southampton.
- A Sambur Deer, presented by Lord Petre.
- An Australian Dog, presented by Capt. Collard.
- A Common Seal, presented by Tho. Barns, Esq.
- A Pair of Badgers, presented by F. H. Salwin, Esq.
- A Hybrid Shoveller, presented by the Hon. Twisleton Fiennes.
- Four Pine Grosbeaks (*Loxia Eucleator*), presented by E. P. Thompson, Esq.
- A Nicobar Pigeon, presented by A. Empson, Esq.
- Two Bronzed-winged Pigeons, presented by Mrs. Rice.
- 16 A Pink Spoonbill and three Iguanas, presented by I. Johnston, Esq.
- 16 A Blue-headed Parrot, presented by Lady Wharncliffe.
- Four Partridges from the neighbourhood of Tehran, and a Mountain Partridge from Northern Persia, presented by E. W. Bonham, Esq., Her Majesty's Consul at Tabreez.
- Two Weaver Birds, presented by Miss Whitfield.
- A Rose-crested Cockatoo, presented by Gen. Morris.
- A Rose-crested Cockatoo, presented by N. Campbell, Esq.
- A Dove, three Mountain Witch Doves, and a White-crowned Pigeon, presented by Mrs. Barclay.
- A Pennantian Parrakeet, presented by S. Duncombe, Esq.
- A Hybrid, between the Ring-necked and Common Turtle-Dove, presented by T. G. Barclay, Esq.
- Three black Orioles, presented by the Hon. Mrs. Singleton.
- Two Guans, presented by Miss Luckie.
- Two Rufous-necked Weaver Birds, presented by R. J. Hitchcock, Esq.
- A Peregrine Falcon, presented by — Broderick, Esq.
- One Eider Duck, presented by Capt. Arrow, R.N.
- Four Eider Ducks, presented by Admiral Bowles., V.P.
- Two Black-billed Whistling Ducks, presented by Miss Higginson.
- A Chinese Lory, presented by T. Davies, Esq.
- A Prince Maximilian's Maccaw and a Red and Blue Maccaw, presented by C. Bowdler, Esq.

A Kolbe's Vulture, presented by C. W. Hambrough, Esq.

A Spider Monkey, a Capuchin ditto, a Brown Coati-Mondi, two Curassows, and two Blue-headed Pigeons, presented by J. Johnston, Esq.

A Burmese Pony and a Wanderoo Monkey, presented by Edward Humphry, Esq.

Three Woodcocks, presented by John Rogers Wheeler, Esq.

An Extensive Collection of Quadrupeds and Birds presented by Lady Rolle, consisting of the following specimens, viz.—

Five Weasel-headed Armadillos, one Rhesus Monkey, two Bonneted Monkeys, two Macaque Monkeys, two Jacchus Monkeys, one Kangaroo Rat, five Lesser American Flying Squirrels, four Gray Squirrels, one Agouti, one Stanley Musk Deer, one Napu Musk Deer, one Rose-crested Cockatoo, one Roseate ditto, one Lesser White-crested ditto, one Lesser Sulphur-crested ditto, one Solstitial Parakeet, two Crested Ground ditto, one Vase Ground ditto, one King's Ground ditto, three Gray-headed ditto, one All-green ditto, one Pennantian ditto, one Bauers ditto, one Buff-fronted ditto, one Gray-breasted ditto, one Alexandrian ditto, and one, name unknown; one White-fronted Parrot, one Mitred ditto; one Parrakeet Maccaw, three Purple-capped Lories, one Scarlet Ibis, two Purple Gallinules, one West India ditto, two Guans, four American Robins, one Starling, three Crested-Cardinals, two Red-headed ditto, two Black Orioles, one American Quail, two Chinese ditto, one Nicobar Pigeon, two Partridge Pigeons, one Cora Dove, one Barr'd Dove, two Madagascar Grosbeaks, two Malacca ditto, nine Widah Birds, five Saffron Finches, five Wax-bills, one Amaduvade, five Weaver Birds, one Rufus-necked ditto, two Cut-throat Sparrows, one Indigo Bird, one Java Sparrow, one Bramble Finch, and two Chaffinches.

Donations have also been received from Miss Taylor; Wm. Croft Fish; Aug. Elliot Fuller, M.P.; W. H. Knight; — Holdsworth; Dr. Buckland; J. Hopkinson; Jos. Thackeray; John Hoffmann; Mrs. Appleyard; Wm. S. Gillett; William Sadler; William Herring; J. Paton; and the Ornithological Society.

Mammals exhibited in the Menagerie for the first time.

Ursine Colobus. *Colobus ursinus*, Ogilby.

Choras Baboon. *Cynocephalus Choras*, Ogilby.

Thoth Baboon. *Cynocephalus Thoth*, Ogilby.

Spider Monkey. *Ateles* —?

White-handed Lemur. *Lemur albimanus*, Geoff.

Indian Badger or Sand Pig. *Arctonyx collaris*, F. Cuv.

- Foxes*
~~Antelope~~ Cuba Bloodhound. *Canis familiaris*, var.
 Kolsun. *Canis Dukhunensis*, Sykes.
 Sable. *Mustela zibellina*, Linn.
 Russian Moose Deer. *Cervus Alces*, Linn.
 Ibex. *Capra Caucasica*, Guld.
 Bactrian Camel. *Camelus Bactrianus*, Linn.
Caribou Hybrid between Common Zebra and Dshikketai.
 Hybrid between Wild and Common Ass.

Birds exhibited for the first time.

- Honey Buzzard. *Pernis apivorus*, Cuv.
 Barred Owl. *Strix nebulosa*, Forster.
 Rufous Mocking Bird. *Orpheus rufus*, Swains.
 Shore Lark. *Alauda alpestris*, Linn.
 Pine Grosbeak. *Corythus enucleator*, Cuv.
 Black Oriole. *Agelaius niger*.
 Tricoloured Maccaw. *Macrocercus tricolor*, Vieill.
 Lemon-crested Cockatoo. *Plyctolophus* —? —?
 Bonham's Partridge. *Perdix Bonhamii*, Fraser.
 Mountain Partridge. *Tetraogallus Nigellii*, Gray.
 Lineated Pheasant. *Phasianus lineatus*, Jard.
 An apparently new species of Guinea Fowl.
 American Night Heron. *Nycticorax Gardenii*, Jard.
 Pink Spoonbill. *Platalea ajaja*, Linn.

3. VISITORS.

The number of Visitors to the Gardens during the year 1842 was 107,459, of whom 27,026 were privileged, and 80,433 unprivileged, and the money received for admission £4021 13s. Both classes of Visitors exhibit a decrease as compared with the previous year, but the Council cordially join with the Committee of Auditors in hoping that the arrangements now in progress at the Gardens for the reception of the Museum and the better accommodation of the Carnivora, by increasing the attractions will also increase the receipts of the Society in this department.

COMMITTEES OF AUDIT, FINANCE AND PUBLICATION.

It only remains for the Council, before closing this Report, to fulfil the pleasing duty of recording their thanks to the Committees of Audit, Finance and Publication, for the zeal, attention and ability with which they have executed the several important duties confided to their charge during the past year.

REPORT

OF THE

AUDITORS OF THE ACCOUNTS,

Appointed January 5, 1843.

THE Committee of Auditors have carefully examined the Accounts of the Society for the year ending 31st of December last, having inspected all the Books and seen Vouchers for all the payments; and they 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 their Report thereon.

RECEIPTS.

					£.	s.	d.
Balance of Cash brought from 1841					343	2	8
INCOME.							
Belonging to year					£.	s.	d.
1839	Annual Subscriptions				3	0	0
1840	Annual Subscriptions	£.	s.	d.			
	Ivory Tickets	12	0	0			
	Transactions	3	3	0			
		2	17	6			
					18	0	6
1841	Admission Fees	5	0	0			
	Annual Subscriptions	169	18	0			
	Ivory Tickets	13	13	0			
	Transactions	1	9	0			
	Farm Rent	15	0	0			
	Proceedings	0	9	0			
					205	9	0
1842	Admission Fees	145	0	0			
	Annual Subscriptions	4397	13	0			
	Compositions	60	0	0			
	Ivory Tickets	145	16	0			
	Dividends on Bank Annuities	457	2	8			
	Transactions	72	0	0			
	Proceedings	16	18	11			
	Miscellaneous	7	14	9			
	Admissions to Gardens	4021	13	0			
	Garden Catalogues	12	16	0			
	Museum Catalogues	0	1	0			
	Garden Rent	360	0	0			
	Garden Sales	96	12	0			
	Farm Rent	45	0	0			
Sale of Fixtures	11	0	0				
					9849	7	4
1843	Annual Subscriptions (anticipated) ...	10	0	0			
	Ivory Tickets Do.	2	2	0			
					12	2	0
INCOME IN 1842					10,087	18	10
					10,087	18	10
					£10,431	1	6

PAYMENTS.

		Farm.	Gardens.	Museum.	General Estab ^t .	Total.
EXPENDITURE.						
Belonging to year		£. s. d.	£. s. d.	£. s. d.	£. s. d.	£. s. d.
1841	Rent	34 13 0	211 15 6	31 17 11	.....	278 6 5
	Bills		712 13 0	33 18 3	214 9 5	961 0 8
		34 13 0	924 8 6	65 16 2	214 9 5	1239 7 1
1842	Rent, Rates, Taxes, &c. ...	30 0 0	497 3 2	93 8 9	190 0 0	
	Salaries and Wages.....		1787 0 6	259 11 6	582 11 0	
	Keepers' Dresses.....		57 11 0			
	Keepers' Travelling Ex- penses		9 12 0			
	Cost of Animals		210 16 10			
	Carriage of Animals		139 13 5			
	Provisions		2222 6 6			
	Menagerie Expenses		574 14 0			
	Garden Expenses		551 4 0			
	Works, &c.		548 15 6	41 2 1		
	House and Office Expenses.....		28 18 4	.....	147 10 11	
	Stationery and Printing ...		28 19 6	.....	170 3 0	
	Cost of Subjects .....		.....	19 12 0		
	Carriage of Subjects .....		.....	5 3 11		
	Cost of Preparations .....		.....	66 7 6		
Library .....		.....	31 1 9			
Transactions .....		.....	.....	174 10 4		
Returned Subscriptions ...		.....	.....	14 4 0		
Paid on account of the current year		30 0 0	6656 14 9	516 7 6	1278 19 3	8482 1 6
EXPENDITURE IN 1842.....		64 13 0	7581 3 3	582 3 8	1493 8 8	9721 8 7
Paid for £500 Exchequer Bills						523 17 1
Cash in hand December 31, 1842						185 15 10
						£10,431 1 6

The Assets and Liabilities of the Society on the 31st of December, 1842
were as follow :

ASSETS.

	Living and Preserved Collections.	Arrears of		Exchequer Bills.	Invested in Consolidated 3 per Cents.	Capital Funded.	Cash.
		Previous Years.	Current Year.				
		£. s. d.	£. s. d.	£. s. d.	£. s. d.	£. s. d.	£. s. d.
Cash at Banker's							185 15 10
£6913 19s. 5d. Consolidated 3 per Cents.....						5871 17 7	
£7972 5s. 11d. Reduced 3 per Cents.....						7288 2 5	
£360 2s. 10d. Consolidated 3 per Cents, Museum Fund Account					328 3 10		
£1000 Exchequer Bills.....				1016 3 0			
Annual Subscriptions		295 0 0	805 0 0				
Transactions			10 16 6				
Proceedings.....			4 1 0				
Farm Rent			15 0 0				
Garden Stock sold, unpaid for.....		4 17 0	16 3 6				
Uncertain.		299 17 0	851 1 0	1016 3 0	328 3 10	13,160 0 0	185 15 10

LIABILITIES.

	Debts.	
	£. s. d.	£. s. d.
Bills, &c. unpaid, estimated at—		
Say, for the Gardens	265 9 0	
— Museum	3 16 6	
— General Establishment.....	23 19 0	
		293 4 6
Rent, &c. unpaid, say—		
For the Farm.....	38 0 0	
— Gardens	188 12 11	
— Museum	22 6 3	
		248 19 2
		£542 * 3 8

INCOME.

The foregoing Abstract, on being compared with the Accounts for the year 1841, discloses a decrease of Income, amounting to £1523 17s. 1d. Of this sum £706 16s. has been caused by a decrease in the amount of "Admission Fees" and "Annual Subscriptions," and £637 18s. by a decrease in "Admissions to the Gardens." With reference to the former item, it is to be observed, that the number of existing Fellows of the Society is now 412 less than at the end of the year 1839; and the question is naturally suggested, why, in the short space of three years, there should be such a falling off? Your Committee have much pleasure in stating it to be their opinion, that this result has not been occasioned by any circumstances under the control of those who have had the management of the Society, but in a great measure to the caprice of fashion. Whilst it was the fashion to make the Gardens a Sunday Lounge, a great number of persons were induced to become Subscribers for the sake of the privilege of introducing friends, particularly ladies, to this then fashionable promenade. The attendance of company on Sundays is now much lessened, and the inducement to such persons as are indifferent to the more legitimate objects of the Society to become Subscribers no longer exists; but as the Menagerie was never more complete than at the present time, and as the Gardens are every year more attractive in appearance, your Committee feel assured that the lovers of science, and all those who are desirous of affording to the inhabitants of this great metropolis a place for healthy exercise and rational amusement to be enjoyed with little trouble and at trifling cost, will still contribute to the funds of the Society in sufficient numbers to ensure its permanent prosperity.

As to the "Admissions to the Gardens," this must always be an item of very uncertain amount, depending on many casual circumstances—the addition of new or curious animals to the Menagerie—the prevalence of fine dry weather, or the

reverse, during the spring and summer—the occurrence of objects of attraction in other places during these seasons—and, perhaps, in no inconsiderable degree, on the state of prosperity or distress of the middle and lower classes of society.

Your Committee think that the arrangements now in progress for differently lodging the Carnivorous animals will greatly add to the attractions of the Gardens. The larger animals of this class are always objects of curiosity and interest to those who do not study zoology very deeply, and the place in which they have been hitherto confined has been found in warm weather, when the Gardens are mostly frequented, unpleasant to enter. When these animals can be seen without any such unpleasant sensation the attraction will be much increased. The formation of the Museum within the Gardens, so that the living and dead specimens can be seen at the same visit, will also most probably, attract a larger number of visitors.

EXPENDITURE.

Your Committee have much pleasure in reporting, that the Council have, in accordance with the recommendation of the Committee of Auditors last year, so far reduced the Expenditure, that notwithstanding the falling off of Income before alluded to, there is a surplus balance of cash in hand. It is, however, a subject of regret that it has been necessary to expend a less sum in the “Cost of animals” than in the last year, but they hope that the arrangements before alluded to, by improving the health of the animals, and the liberal Donations of the friends of the Society, may keep up the Menagerie to its present full extent.

ASSETS.

The subjoined account will show that the Stock of the Society in the Funds remains as last year, but that there has been an increased Investment in Exchequer Bills, making the whole Assets, including the Museum Fund, £14,690 2s. 8d., being an increase of £376 18s. 1d. on the last year.

LIABILITIES.

The whole Liabilities of the Society amount to £542 3s. 8d., being less by the sum of £697 3s. 5d. than the amount of Liabilities at the end of the last year.

The Committee cannot conclude this Report without acknowledging the attention they have received from the Assistant Secretary, to whose great zeal and ability they are happy to bear testimony. They have received much useful information from a Statement drawn up by that gentleman of the Receipts and Payments of the Society, from its formation to the end of the year 1840; a document which must be very interesting to the Fellows of the Society.

WM. W. SALMON.
 CHARLES GIBBES.
 GEORGE J. STEER.
 BENJ. L. VULLIAMY.
 THOMAS ALEXANDER.
 EDWARD PRIOR.
 FRED. SOLLY FLOOD.

57, *Pall Mall*, March 28, 1843.

The whole of the Society's income for 1845, being less by the sum of £107, 10s. 6d. than the amount of £1,000, was carried over to the end of the year. The Committee cannot conclude this Report without acknowledging the attention they have received from the Association, to whose great zeal and ability they are happy to bear testimony. They have received much useful information from a Statement drawn up by that gentleman in December and January of the Society, from its formation to the end of the year 1846; a document which must be very interesting to the Fellows of the Society.

- WM. W. SALMON.
- CHARLES GIBBS.
- GEORGE J. STEER.
- BENJ. L. WILLIAMS.
- THOMAS ALEXANDER.
- EDWARD PRIOR.
- FRED. SOLLY FRODIP.

57, Pall Mall, March 28, 1847.