

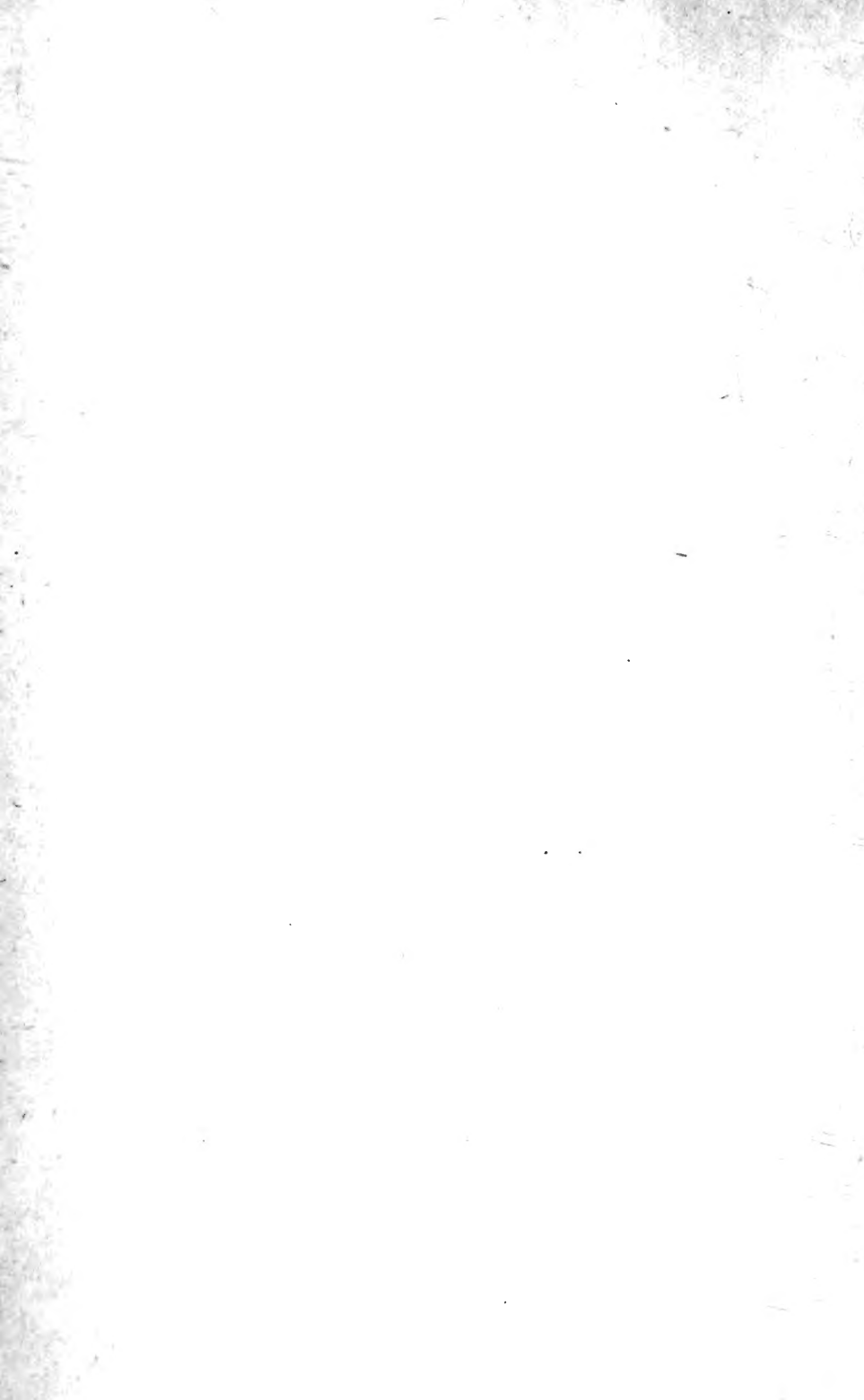


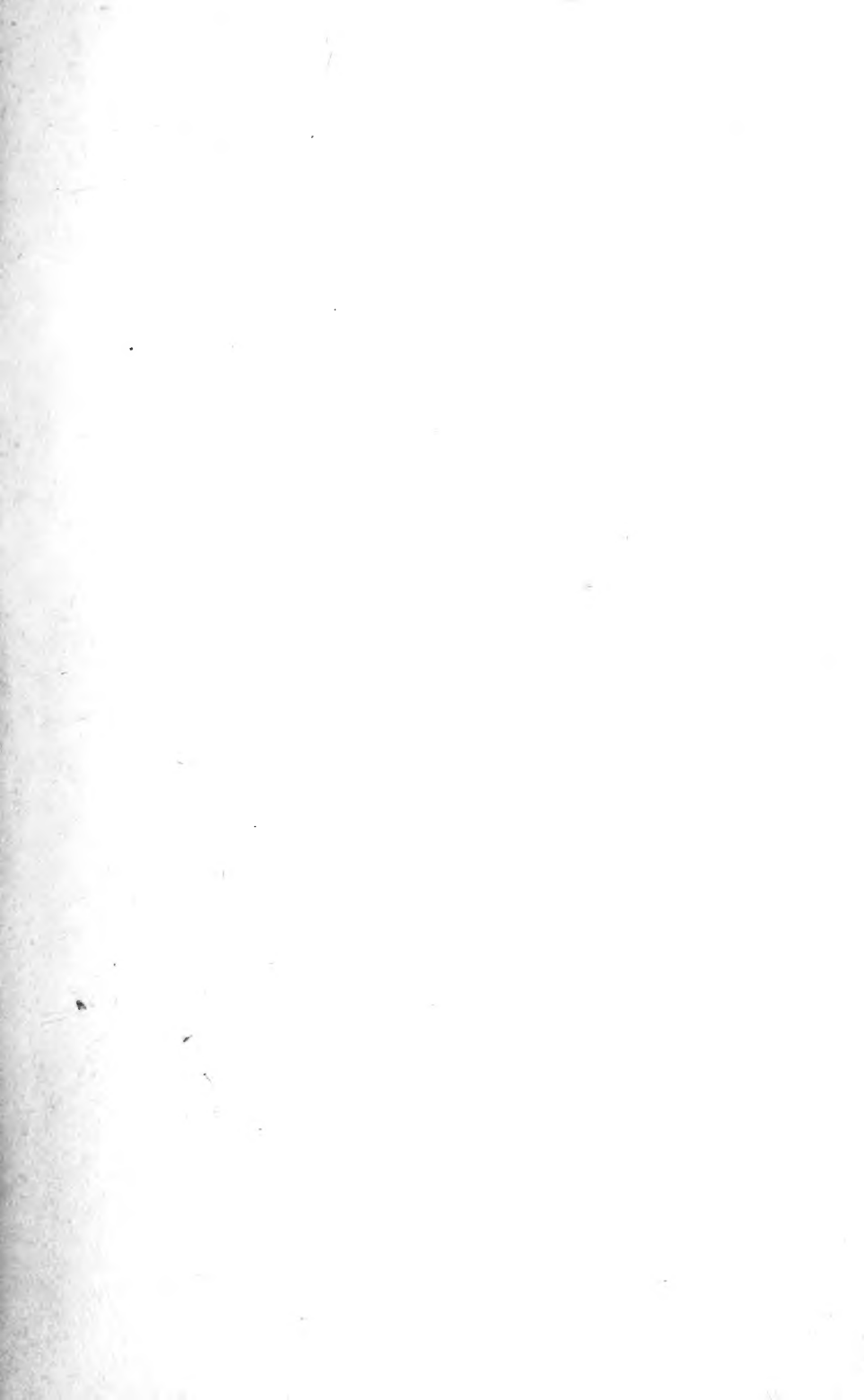
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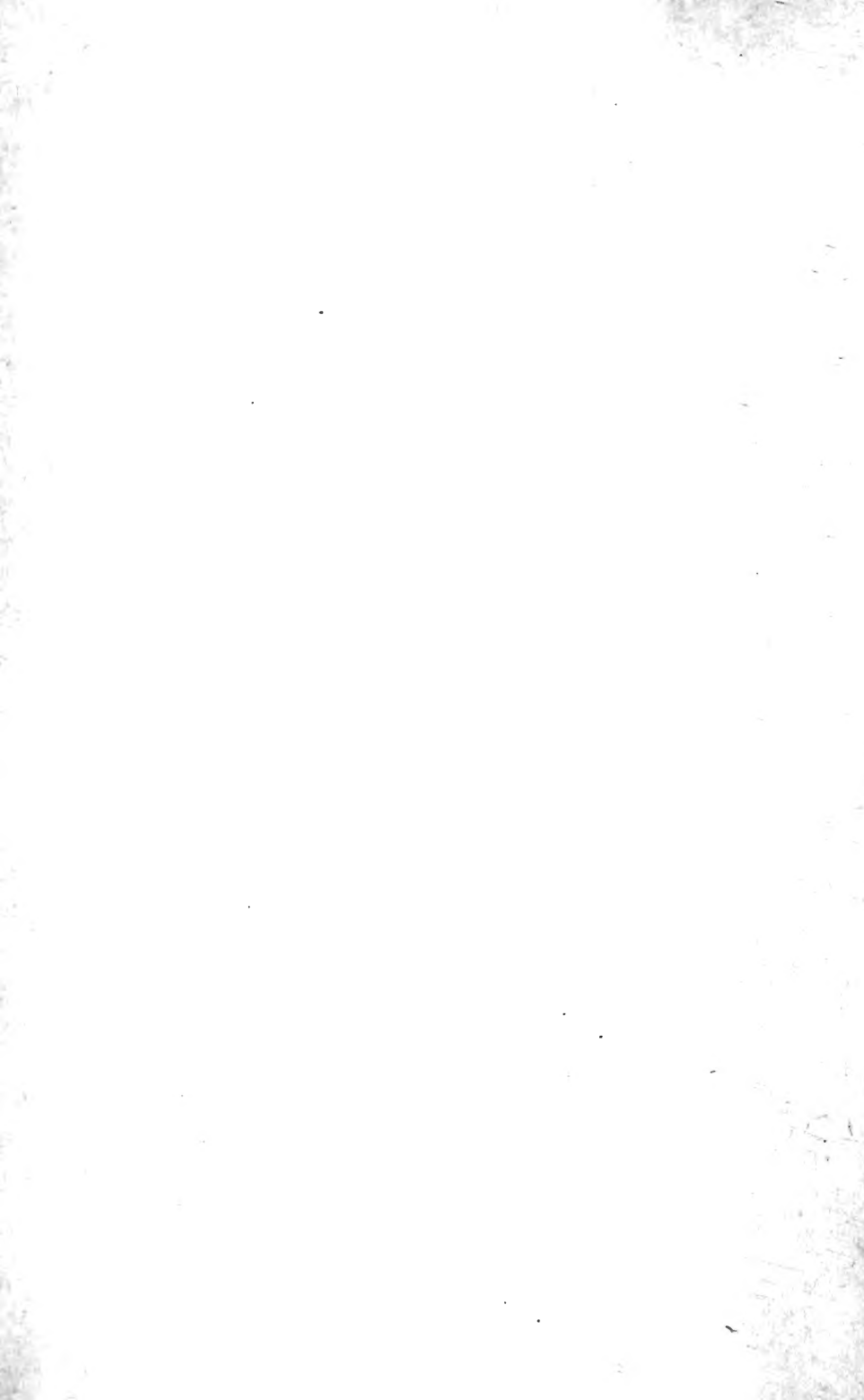
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Royal Zoological Society of Ireland.

2 - NOV. 1908

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# PROCEEDINGS

OF THE SOCIETY

As Reported in *Saunders' News-Letter*, *The Dublin Evening Post* and *The Freeman's Journal*,

1840-1860.



DUBLIN :

PUBLISHED BY THE COUNCIL OF THE SOCIETY.

1908.

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## PREFACE.

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*The following pages contain extracts from SAUNDERS' NEWS-LETTER, THE DUBLIN EVENING POST (papers formerly published in Dublin) and THE FREEMAN'S JOURNAL. These, together with the available Annual Reports of the Society, cover the period from 1840 to 1860.*

*The Minutes of the Society for this period have unfortunately been lost, and it is due to my predecessor, Professor D. J. Cunningham, now Professor of Anatomy in the University of Edinburgh, that we are enabled to lay these interesting records before our Members, and place the Society in the position of having continuous reports of its proceedings since its foundation in 1830.*

*We are particularly indebted to another friend, the late Caesar Litton Falkiner (whose recent sad loss we deeply deplore). He transcribed most of the extracts contained in these pages for Professor Cunningham.*

R. F. SCHARFF,

Hon. Sec. R.Z.S.I.

Museum, Dublin,

August, 1908.



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[*Saunders' News-Letter, Wednesday, May 6, 1840*].

## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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THE Annual Meeting of the above Society took place at the rooms of the Dublin Natural History Society, Clarendon's Buildings, Brunswick Street, yesterday.

Amongst the persons present we observed His Grace the Archbishop of Dublin, Sir Philip Crampton, BART., J. Corrigan, M.D., E. C. Croker, M.D., Leland Crosthwaite, J. C. Ferguson, M.D., Robert Guinness, Surgeon Hargrave, Professor Harrison, G. Hatchell, M.D., P. Hunt, M.D., R. S. Ireland, M.D., H. Irvine, M.D., A. Jacob, M.D., E. Kennedy, M.D., Acheson Lyle, E. Murphy, M.D., John N. Owen, M.D., Surgeon Palmer, Robert Reid, M.D., Surgeon Stewart, Surgeon Wilmot, Surgeon Wilde, &c.

The chair was taken at half past two o'clock by the President, His Grace the Archbishop of Dublin.

R. Ball, Esq., one of the Secretaries read the annual report, which is as follows:—

### REPORT, 1840.

Your Council, in accordance with annual custom, come before you to make their report. On entering their year of office they found themselves considerably in debt, their Treasurer being in advance £186 and other demands outstanding against them; yet cheered by the hope of public opinion being in their favour, they looked forward to surmounting their difficulties, but the extreme wetness of the season rendered their efforts abortive, and in July they found that their receipts did not meet their expenditure; consequently debt was accumulating, and no hope appeared of providing for the winter. After much serious consideration at many meetings on the subject, and mindful of the late President's published statement, that the Council should rather close the Gardens than again plunge the Society into debt, but unwilling to resort to such an extremity they boldly determined to effect such reduction as in their opinion would not materially injure the Society, while it would save it from the utter failure which

threatened it. Reduction of expense was therefore absolutely necessary and it was determined to effect it in three ways:—1st, reduction of salary and allowances to Superintendent; 2nd, employment of a smaller number of men in the Gardens, and 3rd, economical change of food of animals.

“In effecting the first of these changes the Council felt relieved of much difficulty by the fact that the Superintendent’s active personal connection with another place of public attraction appeared to them to be incompatible with the situation of a servant of the Society. They accordingly removed him and appointed Mr. Underwood in room at a reduction of more than one half in salary and allowances.

“Secondly, they reduced the number of men employed, and so regulated the wages as to effect a considerable saving.

“Thirdly, they adopted the use of horse flesh, instead of beef, for the Carnivora, and with some other alteration of diet, and the reduction before mentioned, diminished the entire expenditure to less than half. Prior to making use of horse flesh, instead of beef, many inquiries were made as to the safety of the proceedings, and much doubt having been expressed, it was considered inadvisable to risk in the experiment animals so valuable as the Lioness and Tigress; besides that, the original object of the Society, was mainly the keeping of animals of a more important character as detailed in the circular issued at the time. Under all the circumstances the Council felt not only justified but called on to sell these animals to reduce expenses and to carry out their experiment with prudence, yet in accordance with the real object of the Society. The result seems to have justified all their anticipations, as is proved by the fact that the receipts at the door for six months since, though the weather was for much of the time particularly unfavourable, have exceeded the receipts of a similar period in the preceding year by about £10.

“The Council have not lost sight of the subject of enclosing the pond, and other arrangements calculated to give a highly useful popular character to the Society, but their negotiations have not yet led to anything sufficiently definite to enable them to lay them before you. However, in accordance with the fundamental object of the Society, and the spread of zoological knowledge, they determined

on opening the Gardens during the evenings of summer, after working hours, at one penny each individual; the effect of this extension can only be proved by experience.

“The Council refer with much gratification to the success of the free course of lectures which have been delivered at their instance at the evening meetings in the Theatre of the Royal Dublin Society, kindly lent for the purpose. They have, no doubt, contributed much to spread a taste for zoology, and with a view of following out the objects of these meetings, the Council have effected preliminary arrangements for giving a morning course of lectures in the Gardens of an elementary and instructive character; these lectures are to be open to members and subscribers, with two companions each. The hour chosen is to meet the convenience of persons who are confined by business after breakfast, and it will afford to such individuals healthful exercise and useful recreation. The Council, with a view of having occasional lectures in the open air on fête days, have caused an amphitheatre on a very simple plan, but capable of accommodating about 500 persons, to be constructed. They have commenced a series of experimental fish ponds, from which, when fully carried out, they hope much benefit will arise. The ponds already constructed have been amply stocked with carp, tench, rudd, and minnows, from the fine lake at Abbeyville, which Mr. Bachelor kindly permitted to be fished for the purpose.

“The Council in reference to the mortality of animals in the Gardens, while they have to acknowledge its extent in numbers, have to state that the loss of property it has occasioned to the Society has, perhaps, been less than usual, and is much less than the ordinary losses suffered by other similar institutions. The very unexpected death of five small animals, which to all appearance were a few hours before in rude health, gave rise to serious inquiry on the part of the Council, but the cause of death was not discovered. The most important loss the Society sustained was that of a pair of leopards, which unexpectedly sickened and died. As the disease they laboured under presented the general appearance of that called distemper in dogs the other animals were removed from the Repository, which was, and is, shut up for the purpose of whitewashing, &c., in the hope of destroying any infectious matter that may exist. The Council, in

conclusion, would call your attention to the Treasurer's account, which shows that notwithstanding the difficulties they had to contend with the Society is now, in a pecuniary point of view, in a much better state than it was twelve months since. With increased numbers and much diminished debt and expenditure they feel justified in what they have done, and confidence in submitting this their Report; and in doing so urge on you most strongly your co-operation with the next Council by paying in at once your subscriptions, of which about three hundred pounds still remains due, a sum not only sufficient to discharge the current debts of the Society but to purchase many new animals.

"Since the commencement of this year sixty-five individuals, as life members, ordinary members, and garden subscribers, have been enrolled in the books of the Society.

"Twenty-nine thousand, one hundred and sixty-two people visited the Gardens last year. There are, in the collection, seventy-two quadrupeds and one hundred and eleven birds."

Having concluded reading the report, Mr. Ball moved that it be adopted, printed, and circulated.

Acheson Lyle, Esq., Second Remembrancer, seconded the motion, and the report was unanimously adopted.

Mr. Ball next read the statement of the accounts for the past year, from which it appears the debts due by the Society are less this year than they were at the close of the preceding year, and that the debts due to the Society exceed in amount those remaining unpaid at the termination of the antecedent year.

	£	s.	d.
1839.			
May 4—To Balance against the Society this day ...	186	16	0½
1840.			
May 2—To Paid Boyle, Low, Pim & Co., Esqrs., Bankers, interest on advances this year ...		5	13 4
„ Paid for provisions for animals this year ...	540	10	0
„ Incidental expenses ...	£329	14	9½
„ Received for sundries ...	14	17	6
„ Salaries and wages ...		314	17 3½
„ „ this year ...		380	2 7¼
	£1427	19	3½



	Forward	...	...	£	s.	d.
				1427	19	3½
CR.						
By Admissions this year	...	...	£562	12	2	
„ Members' subscriptions	...	...	398	1	6	
„ Garden do.	...	...	30	0	0	
„ Admission fees	...	...	34	0	0	
„ Donations	...	...	22	10	0	
„ Received for living animals	£206	19	6			
„ do. dead do.	6	9	0			
	213	8	6			
„ Paid for animals	...	...	9	18	6	
			203	10	0	
„ Lectures on Zoology	...	...	63	7	0	
„ Less expenses	...	...	4	10	6	
			58	16	6	
			1309	10	2	
			118	9	1½	
„ Due Boyle, Low, Pim & Co., Esqrs.	...	...	106	19	10	
„ Due Thomas Hutton, Esq.	...	...	11	19	10	
			118	19	8	
„ Due by Mr. Drewitt (see weekly book, August 22, 1832)	...	...	0	9	4	
„ Due by Mr. Underwood, Superintendent	...	...	0	1	2¾	
			0	10	6¾	
			£118	9	1½	

The Council for the ensuing year were then balloted for, and the following officers were elected:—

President—His Grace the Archbishop of Dublin.

Vice-Presidents—Sir P. Crampton, Bart., Hans Irvine, Esq., M.B., A. Lyle, Esq., Second Remembrancer, Sir Henry Marsh, Bart., Captain Portlock, R.E.

Secretaries—R. Ball, Esq., D. J. Corrigan, Esq., M.D.

Treasurer—T. Hutton, Esq.

Council—T. E. Beatty, Esq., M.D., C. P. Croker, Esq., M.D., L. Crosthwaite, Esq., J. Egan, Esq., C. W. Hamilton, Esq., W. Hargrave, Esq., M.D., Professor Harrison, J. Hart, Esq., M.D., J. Houston, Esq., M.D., A. Jacob, Esq., M.D., Professor Kane, R. Mallet, Esq., M. J. O'Kelly, Esq., Surgeon Wilde, R. P. Williams, Esq.



[*Saunders' News-Letter, Wednesday, May 5th, 1841.*]

## ROYAL ZOOLOGICAL SOCIETY.

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THE Annual Meeting of the Royal Zoological Society of Ireland was held at the rooms of the Geological Society yesterday, Acheson Lyle, Esq., v.p., in the Chair.

The following Report was read and adopted:—

### REPORT

of the Council of the Royal Zoological Society of Ireland for the year ending 1st May.

Your Council, in compliance with annual custom, present to you the following Report:—It is with much satisfaction they have to notice the success of the measure of opening the Gardens at hours suitable to the working classes, at one penny admission, since the 1st of May last. This gratification does not arise so much from the effect on the funds of the Society as from a feeling that the admission of not less than 100,000 persons this year is a carrying out of the great principle of the Society, the spread of useful information; and they consider this manner of doing it particularly desirable at the present time, as it supplies a powerful aid to the confirming of the people in their improved habits, and is in accordance with the views of those enlightened men who urge the necessity of providing the people with places of rational recreation. The Council have further pleasure in stating that although on many occasions upwards of 3,000 persons have been in the Gardens at a time, no injury has resulted to the grounds or animals. Your Council, with a view to the promotion of geological science, have at a small expense converted a portion of the Superintendent's house into a very commodious lecture room, in which they had hoped last year to have had useful and attractive morning lectures; but circumstances occurred to delay this until it was too late in the season. They hope, however, that they have taken such measures as will enable the Council about to be appointed to open a course immediately, and to commence with a systematic set of

lectures by one of the most distinguished Professors of the age; arrangements, however, are not sufficiently definite for promulgation. His Grace the Archbishop of Dublin having made a donation of £20 towards the construction of fish ponds, application was made to His Excellency the Lord Lieutenant, by whose permission water was brought from the Vice-Regal Demesne into the upper part of the Garden, where a small pond was formed; from this a pipe is carried supplying a jet which affords water to two other small ponds (not yet completed) and to the Black Swan Paddock, a desideratum in summer, when the ordinary flow of water fails. The pipe brought into the Garden will afford means, should the Society desire it, of raising water to any height by the agency of a hydraulic ram. A rabbit warren has been formed; it is an interesting object, and has afforded considerable satisfaction. Much improvement has been effected in the Gardens by the judicious thinning of the trees, under the immediate personal direction of His Excellency the Lord Lieutenant, while at the same time a good deal of attention has been paid to the shrubs, etc., so as to add greatly to the beauty of the grounds. A seal pond has been constructed, and has answered the expectations of the Council in preserving in perfect health a fine seal, presented by Mr. Cooper, of Markree, in October last; to the want of a structure of this kind is probably to be attributed the difficulty hitherto experienced of keeping seals for any length of time in confinement. Your Council, in compliance with the expressed wishes of several members of the Society, restricted the number of lectures to one at each evening meeting, and it afforded them much pleasure to find that no diminution of interest followed—the theatre, for which the Society is again indebted to the kindness of the Royal Dublin Society, being crowded each night of the meeting. Your Council have great pleasure in calling your attention to the accounts of the treasurer, for though it shows a trifling addition to the balance against the Society, it also shows that during the past year there was a considerable increase in the expenditure, in purchase of animals and in permanent improvements, which have placed the Gardens in such a state as not necessarily to call for as great an expenditure this year, while its attractions are so much increased as to give reasonable grounds for expecting a large increase of income. Amongst the many

animals purchased the most conspicuous are a pair of Buffalos; this addition is in accordance with the great objects of the Society—the introduction of useful animals. In noticing it the Council are to express thanks to the City of Dublin Steam Packet Co., by whose orders the Buffalos were brought from London to Dublin free of cost to the Society. Your Council cannot conclude without expressing great satisfaction at the care and attention shown by Mr. Scott, the Superintendent of the Gardens.

List of Members and Subscribers, 1841 :—

Life Members	...	...	...	...	...	100
Members who have paid subscription for current year	...	...	...	...	...	293
Members who have not yet paid do.	...	...	...	...	...	63
Members in arrear, but whose names are still retained, as they have availed themselves of the privileges of the Society...	...	...	...	...	...	94
Garden Subscribers for 1841	...	...	...	...	...	28
						<hr/> 578

Admissions for years ended 1st of May :—

	1840.	1841.
Free	2,517	1,802
At six pence	16,329	12,206
At three pence	10,072	1,993
At one penny	—	81,404
At two-and-sixpence	220	—
	<hr/> 29,138	<hr/> 97,405

These numbers do not include young children, so that the number of visitors this year exceeds 100,000.

The number of attendances of Council at business meetings amounts to 471 ; 54 meetings were held during the year.

Comparative statement of regular income of Society for :—

	1840.			1841.		
	£	s.	d.	£	s.	d.
Admissions	562	12	2	668	13	11
Members' Subscriptions	398	1	6	396	0	0
Garden Subscriptions	30	0	0	33	0	0
Members' Admission Fees	34	0	0	18	2	0
Donations	22	10	0	50	0	0
	<hr/> £1047	<hr/> 3	<hr/> 8	<hr/> £1165	<hr/> 15	<hr/> 11

Number of animals in the collection :—

Birds	...	...	...	...	...	165
Other Animals	...	...	...	...	...	203
						<hr/> 368
Total	...	...	...	...	...	368

List of donations and donors :—L. Crosthwaite, Esq.—pair Chameleons, pair Pigeons, pair Angola rabbits, pair Lob-eared do., pair Widdah, pair Nutmeg, pair Avadavat birds, pair Squirrels, Starling and Rail. D. Gogarty, Esq.—Pair red and blue Macaws, pair Tortoise, Puma and Agouti, and an Electrical Eel. R. P. Williams, Esq.—Pair Geese, pair Ducks, Male Harrier, Yellow Hammer, and Goldfinch. D. J. Corrigan, M.D.—Two pair Pigeons, pair Rails, Silk Worms, and Sea Mew. John Scott Moor, Esq.—Tortoise; Captain Portlock, R.E.—common Rabbits; Private Cohen, Royal Artillery—Scagull; H. Perry, Esq.—pair Poland Geese; Thomas Roberts, Esq.—two Jays; John Doyle, Esq.—pair Horned Owls; Rev. Wm. Smith Guinness—pair Moor Buzzards; Mr. Molloy—two pair Malay Fowl; Mr. Bell—pair Red-legged Crows; James Egan, Esq.—young Cuckoo; Archdeacon Maunsell—Otter; Mr. E. Alcock—Grouse; Surgeon Irvine—pair common Rabbits; A. Lyle, Esq.—two pair Shell-drakes; William Harvie, Esq.—pair Tiger Cats; T. E. Beatty, M.D.—Kestrel Falcon; Charles Hamilton, Esq.—Male Currasow; William Rathbourne, Esq.—six pair Rabbits; John Jameson, Esq.—Roe Deer; J. Spears, Esq.—Golden Eagle; Colonel Tobin—pair White Rabbits; C. Haliday, Esq.—pair Barbary Apes; Rev. Luke Fowler—Newfoundland Dog; Mr. Hinchy—young Gannet; Mr. Allen—Brown Owl; — Strickland, Esq.—Pig-tailed Monkey; Mr. Rae—Rough-legged Falcon; — Vernon, Esq.—Sea Eagle; Major Moon—Badgers; William Horne, Esq.—pair Chinese Geese.

The following distinguished persons were proposed by the Council to be elected Honorary Members of the Society, and were unanimously elected:—

Professor Agassiz, Neufchatel; Professor Bell, London; Mr. H. M. D. de Blainville, Paris; Prince C. L. Bonaparte; The Earl of Derby, Knowsley; The Rev. John Fleming, Fifeshire; Edward Forbes, Esq., Edinburgh; J. Gould, Esq., London; D. Grant, London; J. E. Grey, Esq., London; Dr. Harlein, Philadelphia; Rev. Leonard Jenyns, Cambridge; Professor T. Rymer Jones, London; Dr. George Johnston, Berwick; Mr. Lee, Philadelphia; William Ogilby, Esq., London; Professor Owen, London; The Hon. Joel Poinsett, Washington; M. Russell, Frankfort; P. J. Selby, Esq.

Richard Carmichael, Esq., having been called to the

Chair, thanks were voted to the donors to the Society, to the retiring President and other members of the Council for their services, to the Royal Dublin Society for the use of its Theatre for the Lectures, to Acheson Lyle, Esq., for his excellent conduct in the Chair, and for his continued attention to the interests of the Society.

The Ballot having closed, and Scrutineers appointed, the following gentlemen were declared duly elected for the present year:—

President—Sir P. Crampton, Bart.

Vice-Presidents—His Grace the Archbishop of Dublin, A. Lyle, Esq., Second Remembrancer; Sir Henry Marsh, Bart.; Captain Portlock, R.E.; L. Crosthwaite, Esq.

Secretaries—R. Ball, Esq.; Hans Irvine, Esq., M.B.

Treasurer—T. Hutton, Esq.

Council—R. Adams, Esq., M.D.; T. E. Beatty, Esq., M.D.; R. Callwell, Esq.; R. Carmichael, Esq.; D. J. Corrigan, Esq., M.D.; J. Egan, Esq.; W. Hargrave, Esq., M.B.; J. Hart, Esq., M.D.; J. Houston, Esq., M.D.; A. Jacob, Esq., M.D.; Prof. Kane; E. Kennedy, Esq., M.D.; M. J. O'Kelly, Esq.; Francis Whitla, Esq.; R. P. Williams, Esq.





## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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THE Annual Meeting was held in the Board Room of the Royal Dublin Society House, at two o'clock, 3rd May, 1842, the President, Sir Philip Crampton, Bart., in the chair.

Mr. Ball, Secretary, read the following Report and Abstract of Accounts:—

“The Council of the Royal Zoological Society have to report to its members on their management of its affairs during the past year, the twelfth of its existence. In doing so, while they cannot but complain of the inadequacy of public aid, and the difficulty of collecting subscriptions for the extension of the Society’s collection, they feel it a matter of high gratification that the great object of the Institution (the spread of Zoological information) has been of wider extent than in any previous year; for they conceive that the true test of the Society’s usefulness is to be found in the number of the visitors to its collection and attendants at its scientific meetings, and in these two points it will be seen by tables accompanying this report, that the Society has been successful. Though the majority of visitors to the Gardens were admitted at the low rate of one penny, yet the Council believe that this, so far from lessening the value and importance of the Society, shows it forth in a higher position than hitherto, as a valuable aid to the enlightenment of the people, and a powerful contributor to the maintenance of the improved and temperate habits now so happily prevalent. The Council would dwell on the value of their collection and Gardens, both in educational points, and as affording useful and healthful amusement, but they feel that the principle they would urge, is acknowledged by all enlightened persons, and is each session receiving the increased attention of Parliament.

The Council have great pleasure in stating, that the admission of the working classes at a cheap rate has been duly appreciated, that their interest in the collection seems daily to increase, that their conduct in the Gardens is,

almost without exception, marked by the strictest decorum, and that their desire of enjoying the instructive recreation the collection affords, proceeds from its inherent value, as no adventitious means, by music or otherwise, were used during the past year for drawing persons thither. The Council have next to observe, that the Evening Meetings of the Society have continued to prove attractive, and have been attended by a larger auditory than could be conveniently accommodated in the Theatre of the Royal Dublin Society. At these meetings lectures have been given by Sir P. Crampton, Bart., Dr. Houston, Professor Kane, Mr. Ball, Dr. Beatty, Professor Hart, Professor Harrison, and Dr. Corrigan. Arrangements have been made for following up the instruction thus given, by more regular courses at the Gardens, the first of which has been kindly undertaken by Dr. Woodroffe, a gentleman whose ability in making the important study of Physiology popular, has long been known and highly valued in Cork. The Council, with the object of furnishing to those whose professional or other avocations employ them during the afternoon an opportunity of acquiring useful and pleasing information, and at the same time with a desire not to interfere with the hours occupied by other scientific lectures, have fixed on the early hour of nine o'clock a.m. for those at the gardens; and they trust that the course about to commence on\* 5th May, will open a source of much instruction, and prove equally healthful to body and mind. The Council have further to report, in reference to matters of an educational nature, that some of their members having formed a fund for the purpose of offering premiums to persons making drawings from nature, it was determined to offer this fund to be competed for by pupils in the schools of the Royal Dublin Society; and a communication to that effect having been made, the Council were requested, as a preliminary measure, to grant admission to the Gardens, and opportunities of study to such of the pupils as may desire to draw from living animals. This the Council at once acceded to, and tickets have been issued to eleven of the pupils recommended by the Committee of Fine Arts of the Royal Dublin Society, and to three of the masters in its schools, while the original proposition still remains

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Since the Report was read some of these Lectures have been given, and have proved very attractive. The Course will be proceeded with on Tuesdays and Thursdays.

under consideration of the Committee alluded to. The Council hope that this measure will give a direction to drawing and modelling from nature, which will be equally valuable to the Fine Arts and to natural science. The Council have to report the death of the Elephant, which was long anticipated, and which, from the state of the animal, was scarcely to be regretted. They, however, did not fail to turn the event to advantage, and a series of interesting public demonstrations of the Elephant's anatomy were given by Professor Hart and Mr. Carlisle. The skeleton, which it had been stipulated should be returned at the death of the animal to the Zoological Society of London, was by that body generously placed at the disposal of the Council, who had much pleasure in thus being enabled to present it to the Royal Dublin Society, in compliance with a request to that effect, and it is hoped that this skeleton will prove a handsome addition to their National Museum. The important losses to the Society during the past year were the Female Buffalo and the Zebra, which were both aged. The acquisition of animals has, for the reasons before stated, been on a limited scale; but yet very interesting specimens have been added by purchase and donation, and some satisfactory exchanges have been effected with the Bristol Zoological Society. On the whole, the Council, though they cannot consider the collection as extensive as it ought to be, and might have been, if they had been adequately supported, consider that it is one of much interest, and contains a number of highly instructive and beautiful specimens in fine health. The Council have the gratification of stating that the grounds and plantations of the Garden are in higher order than they have ever been before, that many minor improvements have been made during the last year, and abundant supply of water has been obtained for the Swan Paddocks. Much improvement has been, and is in progress of being, effected in the paths leading from the Park gates to the Garden, which will contribute to make the walk to them as easy as it is interesting; and in concluding, the Council beg to propose that the thanks of the Society at large be given to the Royal Dublin Society for the very liberal manner in which they have afforded the use of their Theatre for the Evening Meetings of the Royal Zoological Society, and for the use of the Board Room for this Meeting."

Statement of Accounts of the Royal Zoological Society  
for the year ended May 1, 1842:—

EXPENDITURE.				£	s.	d.
To balance against the Society last year	...	...	...	197	15	9 <sup>3</sup> / <sub>4</sub>
„ Paid for Provisions this year	...	...	...	439	16	0
„ Paid for Animals this year	...	£70	5 8			
„ Received for ditto.	...	...	14 3 0			
„ Building this year	...	...	...	56	2	8
„ On Account of Interest on Debentures	...	...	...	37	19	5
„ Paid for Incidentals	...	£226	6 0 <sup>3</sup> / <sub>4</sub>			
„ Received for Sundries	...	...	16 16 10			
„ Paid Wages this year	...	...	...	209	9	2 <sup>3</sup> / <sub>4</sub>
				280	17	0
				£1232 17 1 <sup>1</sup> / <sub>2</sub>		
INCOME.				£	s.	d.
By Admissions this year	...	...	...	625	6	4
„ Members' Subscriptions	...	...	...	384	0	0
„ Garden ditto.	...	...	...	29	0	0
„ Admission Fees	...	...	...	23	0	0
„ Donation	...	...	...	10	0	0
				1071 6 4		
„ Balance against Society this year	...	...	...	161	10	9 <sup>1</sup> / <sub>2</sub>
				£1232 17 1 <sup>1</sup> / <sub>2</sub>		

It will be seen from the foregoing account that the Society's income for the year has exceeded its expenditure by the sum of £36 5s. ; to this it may be added, that a sum of £89 has been paid for printing, nearly half of which was due the preceding year ; that by arrangements made much reduction of ordinary expenditure has been, and is in progress of being, effected in the management, &c., of the Gardens, and that the outstanding claims are very trifling. From these circumstances the Council feel justified in congratulating the Society, if not on a bright prospect, at least on one indicating improved stability.

It was moved by Dr. Hart, seconded by Mr. Callwell, and passed unanimously, that the report and abstract of accounts read by the Secretary, should be received and adopted.

Thanks to the retiring members of the Council passed.  
Thanks to Donors passed.

Messrs. Callwell and Whitla were appointed auditors of accounts for the year.

Donations have been received from Doctor Allman, 78th Highlanders; W. Allen Boucher, Esq.; Mr. Sydney Bernard, R.N.; R. J. Burkitt, M.D.; Leland Crosthwaite, Esq.; Doctor Corrigan, R. Callwell, Esq.; E. Wilmot Chetwood, Esq.; — Coglan, Esq.; Dr. Croker; Mrs. Crosby; E. Cooper, Esq.; M. Donovan, Esq.; James Egan, Esq.; P. G. Flanagan, Esq.; Captain Geale; N. M. Goddard, Esq.; Hans Irvine, M.B.; Richard Langtry, Esq.; Inspector Little; Acheson Lyle, Esq.; Mr. Madden; — M'Carthy, Esq.; Rev. Mr. Nangle; Doctor O'Grady; J. O'Keeffe, Esq.; Miss Preston; — Rambaut, Esq.; Inspector Robson; Stephen H. Smith, Esq.; D. H. Sherard, Esq.; Colonel Townshend; C. Tottenham, Esq.; R. P. Williams, Esq.; and T. W. Warren, Esq.

New Members enrolled for the year 1842 in the Royal Zoological Society:—His Excellency the Lord Lieutenant, Earl DeGrey, life; C. A. Nicholson, Esq., Balrath; Goodwin M. Swift, Esq.; Edward Dycer, Esq.; Doctor Dwyer; Joseph Scott Moore, Esq.; James Igoe, Esq.; Horace Fitzgerald, Esq.; W. Lenox Conyngham, Esq.; Robert Hamilton, Esq.; Lord Muskerry; P. Bevan, M.D.; Thomas M'Kane, Esq.; John Ynger Burgess, Esq.; Arthur Smith, Esq.; John Woodroffe, M.D.; William Black, Esq.; George Ponder, Esq.; J. H. Blake, Esq.; S. H. Smith, Esq., life; in consideration of donations; W. H. Allman, M.D., 78th Highlanders, ditto; the Right Hon. the Chief Baron, Colonel Bruen, and Mrs. Whately, have paid composition subscriptions, and become members for life, having been before annual members, and Surgeon Porter, L. E. Foot, Esq., and J. A. O'Neill, Esq., have rejoined the Society.

Garden subscribers added for 1842, Thomas Ardill, Esq.; Judge Torrens; Lieut.-Col. Vernon; Mrs. Percy Payne; Mrs. Hartney; Richard Barrington, Esq.; T. J. Kift, Esq.; — Armstrong, Esq.; James Hone, Esq.; Rev. J. Hincks; F. W. Burton, Esq.; Thomas Butler, Esq.; Charles Blackwell, Esq.; M. B. Duncan, Esq.; Major Forbes; Mrs. Wm. Furlong; Miss Labertouche; Thomas Oldham, Esq.; — Oliver, Esq.; H. Flavelle, Esq.; Francis Codd, Esq.; J. W. Bryan, Esq.; — Hall, Esq.; John Shaw, Esq.; J. G. Smyly, Esq.; Mrs. White; Rev. P. Smith; James Barrett, Esq.; H. E. Perrin, Esq.; and John Harvie, Esq.

There are now on the lists of the Society, life members 107; annual members, 434; garden subscribers, 52; total,

593. Since the Report was read two new Members and four Subscribers have joined, making total 599.

There is due to the Society by 107 members, whose names have been retained in consequence of their having exercised privileges of the Society, by retaining or using tickets for lectures, visiting the gardens, &c. £324 0 0

Due by 45 members for the year com-			
mencing 1st January last	...	...	45 0 0
By five annual subscribers	...	...	5 0 0
For dead animals	...	...	2 19 0

Total due to the Society ... £376 19 0

The number of members and subscribers who have a right to exercise privileges of the Society at present, is 436.

The admissions to the Garden have been, free, 1,726; full price, 10,165; half price, 1,562; at one penny, 84,400; total, 97,853.

If to this be added the number who visited the Gardens since Friday, when the books closed for the year, the number of children, of whom no record is kept, and 1,994 who were included in last year's report, but more properly belong to this year (*i.e.* from 1st May, 1841, to 1st May, 1842) at least one hundred and ten thousand persons have visited the Gardens during the period.

#### NUMBER OF VISITORS TO THE GARDEN.

In the year ended 31st December, 1836	...	43,209
Ditto, ditto, 1837	...	33,604
Ditto, ditto, 1838	...	53,066
Ditto, ditto, 1839	...	29,331
Ditto, ditto, 1840	...	74,569
Ditto, ditto, 1841	...	104,205

not including young children.

During the past year there were seven scientific meetings, at which about 3,200 persons were admitted.

#### OF ANIMALS

there were purchased during the past year, 36 quadrupeds, 60 birds, 44 fishes, and 22 reptiles. Amongst these, the most interesting, perhaps, are three of the quadrumana, *viz.*, a young Mandrill, a Drill, and a Wanderoo. There were received in donations, 21 quadrupeds, 34 birds, 70 fishes, and one reptile. Amongst the

most valuable donations are a Sloth Bear, from William Allman, M.D.; a Wild Boar from G. Wilmot Chetwood, Esq.; a Lynx and two Persian Sheep from S. H. Smith, Esq.; and a Persian Sheep and Goat from Richard Langtry, Esq.

At four o'clock, the ballot having closed, the scrutineer reported that the following gentlemen were unanimously elected to serve as officers for the ensuing year:

President—Sir P. Crampton, Bart.

Vice-Presidents—His Grace the Archbishop of Dublin; Sir Henry Marsh, Bart.; Captain Portlock, R.E.; J. Hart, Esq., M.D.; D. J. Corrigan, Esq., M.D.

Secretaries—R. Ball, Esq.; Hans Irvine, Esq., M.B.

Treasurer—T. Hutton, Esq.

Council—T. E. Beatty, Esq., M.D.; Isaac Butt, Esq.; R. Callwell, Esq.; L. Crosthwaite, Esq.; J. Egan, Esq.; Professor Harrison; J. Houston, Esq., M.D.; Professor Kane; N. Kennedy, Esq., M.D.; A. Lyle, Esq.; M. J. O'Kelly, Esq.; Jacob Owen, Esq.; Francis Whitla, Esq.; Surgeon Wilde, and J. Woodroffe, Esq., M.D.

Thanks having been voted to the President for his conduct in the chair, the meeting adjourned.

By Order,

ROBERT BALL, 3 Granby Row.

HANS IRVINE, 10 Hardwick Place.

Members are requested to co-operate with the Council in endeavouring to extend the Society, by inducing others to join it, and are urged to visit the Gardens and judge for themselves of its present state.





[*The Dublin Evening Post*, May 4, 1843.]

## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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THE stated annual meeting of the Royal Zoological Society was held on Tuesday in the Lecture Room in the Society's Gardens, Phoenix Park, S. Boileau, Esq., presiding.

Robert Ball, Secretary, read the report which upon the motion of Prof. Harrison, seconded by Mr. Martyn (barrister), was adopted and entered upon the minutes.

The report states that the Council have by the most rigid economy, been able to reduce the debt which was due by the Society when they entered upon their duties; and though they may complain, with some show of justice, of the inadequacy of public support received for some of the great objects of the Society, they trust that the fact that its annual income has been found more than sufficient to meet its expenditure for the last two years will convince those who doubted of its stability, while the details will satisfy all of its increasing utility, and justify if not demand continued and increased support. It appears by the Treasurer's account that the income of the Society has been £999 14s. 5d., while its expenditure has been only £942 12s., showing a surplus on the year of £57 2s. 5d. Yet while this saving has been made, considerable improvements have been effected in the Gardens, as must be obvious to all who inspected them, and, at the same time, the collection has been increased; for it appears by a comparative statement, that the Society has gained in value of animals, by donations, purchases and births in the Garden £305, while it has lost by deaths £107 only—leaving in favour of the Society an increased value of the collection equal to £198. In the above estimate some animals are included which, agreeable to the terms of purchase, have not yet been paid for. Deducting their price, £81, there will still remain an increase of value equal to £117. With respect to the progress of the Society in the cultivation of Science the Council state

that immediately after the last annual meeting a highly interesting course of Lectures, extending to nineteen, was commenced at the Gardens, by Dr. Woodroffe, and though given at an hour found in practice to be inconvenient, a class averaging over seventy attended. Dr. Woodroffe has most kindly undertaken to give a second course, which is now in progress, on Mondays and Thursdays, at half-past three o'clock. The admissions for the period included in the account have been

Free	...	...	3,448
Full Price	...	...	9,396
Children	...	...	1,385
Soldiers	...	...	115
At 1d. each	...	...	70,417
On Mr. Allen's tickets	...	...	8
Children of Schools	...	...	996
			<hr/>
Total	...	...	85,765

to which may be added 4,001 who visited the Gardens since Friday, giving a total from 1st May, 1842, to 1st May, 1843, of 89,766, not including young children.

Dr. Woodroffe moved that the thanks of the meeting be presented to the retiring officers of the Council.

Acheson Lyle, Esq., seconded the motion, which was carried.

The meeting adjourned until four o'clock awaiting the result of the ballot for President, Vice-President, Secretaries and Council. On a scrutiny it was found that the following gentlemen were elected:—

President—His Grace the Archbishop of Dublin.

Vice-Presidents—Sir P. Crampton, Bart.; Sir Henry Marsh, Bart.; A. Lyle, Esq., s.R.; J. Hart, Esq., M.D., and D. J. Corrigan, Esq., M.D.

Secretaries—R. Ball, Esq., and Hans Irvine, Esq., M.B.

Treasurer—T. Hutton, Esq.

Council—T. E. Beatty, M.D.; F. W. Burton, Esq.; Isaac Butt, Esq.; R. Callwell, Esq.; L. Crosthwaite, Esq.; J. Egan, Esq.; W. H. Gregory, M.P.; E. Kennedy, M.D.; Professor Longfield, Professor M'Cullagh, M. J. O'Kelly, Esq.; Jacob Owen, Esq.; Surgeon Porter, Surgeon Wilde, and J. Woodroffe, M.D.

The Gardens were visited on Tuesday by a very numerous company, including His Excellency the Lord Lieutenant, the Countess de Grey, Sir Henry Marsh, Bart., Sir W. Don, Bart., Lord Charleville, the Commander of the Forces, &c. The day was delightfully fine, and the promenade presented a very brilliant appearance. The bands of the 4th Royal Irish Dragoon Guards and the 61st Regiment of Infantry were in attendance and performed a variety of popular pieces during the day. His Excellency, who was attended by several members of the household, spent nearly an hour in the Gardens and returned at five o'clock.



[*Saunders' News-Letter*, Wednesday, May 8, 1844].

## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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THE annual meeting of the above Society was held yesterday in their rooms in the Zoological Gardens, Phoenix Park.

Dr. Hart in the chair.

Mr. Ball, the Secretary, read the following Report and Statement of Accounts:—

“At the close of this the fourteenth year of the existence of the Royal Zoological Society of Ireland, its Council have the great satisfaction of stating that now for the third year in succession it has lived within its annual income. It is true the saving is but small, but, coupled with the improved state of the Gardens and collection, there is every reason to congratulate the Society on the steady progress made for the last few years.

“A course of lectures was given in the Gardens by Dr. Woodroffe, and several lectures were given by members of the Council in the Theatre of the Royal Dublin Society. These lectures have, as usual, attracted large audiences, and have carried out the objects of the Society.

“Your Council took much pains to encourage drawing from living animals in your collection. They issued a considerable number of tickets of free admission to students, but this privilege was not extensively availed of as may have been expected, and no drawing was produced of sufficient merit to call for a prize. At a later period of the year, however, special premiums were offered for drawings of the Society's Sloth and Tiger Cat, and the offer called forth some very creditable efforts, and the premiums were awarded to Mr. W. Dowling and Mr. R. J. Kelly for characteristic chalk drawings of the animals referred to. The fund for these premiums, as well as for the purchase of the Society's great acquisition, the Sloth, were provided by an English gentleman who forbade the mention of his name.

“In return for the many kindnesses of the Zoological Society of London, your Council agreed to lend the Sloth

to that Society for a period of six weeks. An experienced keeper is about being sent from London to take charge of it, and learn the mode in which it has been treated here.

“As an additional inducement to persons to join the Society, and as a favour to those already members, your Council modified the practice of admission on fête days, and instead of suspending privileges of members on those days and causing them to pay like non-subscribers, as had been the custom, they caused two transferable tickets to be issued to each member, thus giving him equivalent for five shillings instead of charging him two shillings and sixpence as heretofore.

“The weekly proceedings of the Society having been regularly put before the public through the newspapers, your Council do not consider it necessary to enter into a repetition of the facts therein stated; but trust that an inspection of the Treasurer’s account, and of the details which accompanies it, will prove most satisfactory.

“There has been an increase of 25,964 visitors at the Gardens this year as compared with last, making a total of 111,729 for the period included in per annexed account; to which if we add the number of visitors, since Thursday, when the books closed, we shall have the very extraordinary number of persons who have since the last annual meeting availed themselves of the improvement and recreation the Gardens afford. This increase in the number of visitors is accompanied with their constantly improving conduct. When the Garden is crowded with three thousand persons at one penny each, as it sometimes is, the greatest decorum prevails, and it need only be witnessed to prove the value of the Society, in an educational view.”

Abstract of Treasurer’s Account for the year to 3rd May, 1844:—

	EXPENDITURE.			£	s.	d.
Animals Purchased	...	£233	17	2		
Less, sold	... ..	...	9	3	2	
			<hr/>			224 14 0
Provisions for animals...	... ..	...	442	7	8½	
Incidental expenses	... ..	...	309	13	1½	
Expended for sundries	... ..	...	13	12	6	
			<hr/>			296 0 7½
Salaries and wages	... ..	...	317	4	3	
Interest on Debentures	... ..	...	5	18	0	
			<hr/>			£1286 4 7
			<hr/>			

RECEIPTS.				£	s.	d.
Admissions	...	...	£856	2	9	
Fees, Members' admissions	...	...	37	0	0	
Donations	...	...	35	0	0	
Members' subscriptions	...	...	306	0	0	
Garden subscribers	...	...	64	0	0	
Balance in favour of Society on the year	...	...		1298	2	9
				11	18	2
				£1286	4	7
Debt of Society last year	...	...	...	104	9	3½
„ Reduced by balance in favour of this year	...	...	...	11	18	2
				£92	11	1½
Due Treasurer	...	...	£27	13	0	
„ Superintendent	...	...	0	0	7½	
„ Bankers	...	...	64	17	6	
				£92	11	1½

Admissions for financial year—5,417 free; 995 at 2s. 6d.; 39 at 1s. 3d.; 1,033 at 1s.; 10,825 at 6d.; 2,136 at 3d.; 91,284 at 1d. Total, 111,729.

Numbers visited since close of financial year, 5,013.

Grand total from last annual meeting to present day, 116,742.

There are now on the books of the Society 22 Honorary members, 114 Life ditto, 300 members and subscribers who have paid for 1844, 79 who have not yet paid for 1844, 34 in arrear. Total 549.

On contrasting the value of the stock of the Society with its state last year, it appears to have increased about £91 during the year.

The amount of accounts due for animals, printing, &c., is about the same as it was at this time last year; it is within £100.

Mr. Owen and Dr. Woodroffe were appointed auditors; Mr. O'Kelly and Mr. Warren scrutineers of the Ballot. Votes of thanks were also passed to the Donors and the retiring officers.

At four o'clock, the ballot having closed, the report of the Scrutineers was received by James Power Esq., M.P., when it appeared that the following were unanimously elected:—

President—His Grace the Archbishop of Dublin.

Vice-Presidents—Sir P. Crampton, Bart.; Sir Henry Marsh, Bart.; A. Lyle, Esq., Chief Remembrancer; Professor Beatty, Isaac Butt, Esq.

Secretaries—R. Ball, Esq.; Hans Irvine, Esq., M.B.

Treasurer—T. Hutton, Esq.

Council—D. J. Corrigan, Esq., M.D.; F. W. Burton, Esq.; R. Callwell, Esq.; L. Crosthwaite, Esq.; E. Kennedy, Esq., M.D.; J. Egan, Esq.; M. J. O'Kelly, Esq.; Jacob Owen, Esq.; Surgeon Wilde; J. Woodroffe, Esq., M.D.; Professor Allman, M.B.; Lieut.-Col. Colomb; J. T. Banks, Esq., M.D.; R. Law, Esq., M.D.; J. Wilson, Esq.

Thanks having been voted to Dr. Hart for his conduct in the chair, the meeting separated.



[*Saunders' News-Letter*, Wednesday, May 7, 1845].

## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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AT a Meeting of this Society held on yesterday, the 6th May, William Vallancy Drury, Esq., in the chair. The following Report was read:—

### FIFTEENTH YEAR'S REPORT OF THE ROYAL ZOOLOGICAL SOCIETY.

“Your Council have great gratification in referring you to the Treasurer's account, which now, for the fourth year in succession, shows a steadiness of progress highly encouraging.

“The collection has much increased in value, the Gardens have been improved, and the great and most valuable feature of the Society, *i.e.*, its affording a means of rational and healthful educational recreation to the people has been well carried out, as will appear by the tables appended to this Report.

“Your Council wish that it should not be forgotten that the Society (feebly aided as it is) has for some years contributed annually to the useful gratification of about 100,000 persons at a nominal rate, thus giving practical effect to the principles which have recently opened Hampton Court and other places to the people, and led to the especial formation of Parks, &c. Your Council have further aided the progress of education by continuing to give free admission to students desirous of drawing or modelling from the animals in the Gardens, and have had most pleasing proofs of the utility of this permission. They have also endeavoured to promote the spirit of intellectual inquiry, which a collection of

living animals is so well calculated to bring forth, by giving free entrance to the pupils of all charity schools who sought to obtain it; while by the lectures delivered by eminent persons at the evening meetings of the Society the very highest applications of Zoology have been promoted.

“The most remarkable addition to the collection during the year has been the Giraffe “Albert,” presented to the Society under the following circumstances: One of your Secretaries (Mr. Ball) being in London in May last, represented to influential members of the Zoological Society there how greatly a grant of a giraffe would be valued in Ireland, not only by your Society, but by the public at large in Dublin, and he stated how much beyond the means of the Society the purchase of so costly an animal was. The Council of the London Society met, and in the most prompt, handsome, and unanimous manner, made a free gift of the very beautiful Giraffe now in your possession.

“They selected this animal with the kindest consideration, as the most portable and hardiest of their stock, although from its being the first ever reared in Europe, being so far acclimated, and a personal favourite and pet of very many of the Society, he was the most valued, and probably most valuable Giraffe in London.

“Your Council could return no equivalent for this princely donation, but with the marked thanks on the part of your Society they had the gratification of being able to add two animals to the collection in the Regent’s Park, not before seen alive in London—a two-toed Sloth (*Choloepus unau*), and a new species of tiger-cat, which Mr. Ball has named *Felis melanura*.

“The extremely rapid growth of the Giraffe (about 30 inches within the year), and the probability of his growing 5 or 6 feet more, make it imperatively necessary to build a house suited for him. The temporary one which he at present occupies being only 14 feet high, his horns suffer from striking against the ceiling. The Council therefore, desiring to provide, as becomes the Society, for so munificent a donation, and at the same time knowing that their funds would not without aid enable them to do so, applied to the members at large for contributions, intending to build not only a house suited to the wants of the Giraffe, but one which would

accommodate the elephant and camel, both fine animals imperfectly lodged, and whose present houses are much wanted for other animals. With this view your Council obtained a most admirable design for a building from G. Wilkinson, Esq., combining with all the desired requisites, the advantage of a look-out tower, which placed in the intended position, would command a magnificent view, and be highly ornamental itself to the scenery. The appeal of the Council has been tolerably responded to, but it has been ascertained that the cost of the intended structure would be considerably more than it was at first calculated on. Your Council have, therefore, in the most earnest manner to urge renewed exertion, and to reiterate the strong claim to liberality arising from the necessity of providing for the due protection of the Giraffe, which they could not have purchased for £700, and which was sought, accepted and received, with a full assurance on the behalf of the Society that the gift should be duly valued and taken all possible care of.

“ In concluding their report, your Council have to deplore the loss of the venerable Dr. Stokes. To his zealous exertion the origin of the Society is mainly to be ascribed; and though from advancing years and other causes he had some time ceased to take an active part in your proceedings, yet many of his early speculations have been, and are being, realised. He seemed always to have lived in advance of his time, and thus may have appeared visionary when he urged measures which have subsequently been carried out. The Society owed him much, and cherish and respect his memory.

#### ABSTRACT OF TREASURER'S ACCOUNT.

		CHARGE.		£	s.	d.
To	receipts for admission to Gardens	...	...	949	6	6
„	Members' Subscriptions	...	...	317	0	0
„	Subscribers' Subscriptions	...	...	54	0	0
„	Admission Fees	...	...	18	0	0
„	Donation from Lord Eliot	...	...	5	0	0
„	do. on account of subscriptions towards Giraffe					
	House	...	...	114	5	0
„	Animals bred in Gardens, and dead animals sold	...	...	46	19	6
„	Sundries sold	...	...	32	3	6
				<hr/>		
				£1536	14	6
				<hr/> <hr/>		

## DISCHARGE.

Paid for provisions for animals	...	...	...	£553	19	6
„ for animals	...	...	...	138	12	2
„ for a debenture handed by Thomas Hutton, Esq., as a donation for Giraffe House	...	...	...	25	0	0
„ Interest on do., handed by T. Hutton, Esq., as a donation for Giraffe House	...	...	...	9	0	0
„ Interest on Debentures	...	...	...	4	1	6
„ Incidentals, including expense of transport of Giraffe	...	...	...	394	6	4½
„ Wages paid Workmen	...	...	...	315	6	4½
„ Building	...	..	...	20	10	4½
				<hr/>		
				£1460	16	3½
Balance in favour of Society this year, giving credit for £114 5s. received on account of donations to Giraffe House	...	...	...	75	18	2½
Reduced Balance against Society last year	...	...	...	92	11	1½
				<hr/>		
Reduced Balance against Society this year	...	...	...	£16	12	11
				<hr/> <hr/>		

Visitors to Zoological Gardens for year ended 3rd May, 1845 :—

4,052 free
108,701 at one penny
2,604 children at three pence
42 soldiers at do.
5 by tickets at five pence
14,735 at sixpence
1,032 at one shilling
316 at two and sixpence
60 children at one and threepence
935 schools free

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132,482 total admissions

MEMBERS AND SUBSCRIBERS ADDED TO THE LIST, OR  
REJOINED IN YEAR ENDED THIS DATE : —

Life Members—Richard Dunne, Esq., Club House, Sackville Street; Robert Forster, Esq.; Marquess of Kildare, Carton, Maynooth; William Hogg, Esq., William Street.

Members—W. H. Stewart, Esq., Dame Street; Professor Phillips, Trinity College; William Smith O'Brien, Esq., Blackrock; Thomas Oldham, Esq., Suffolk Street; H. E. Lindsay, Esq., Armagh; William Andrews, Esq.,

Leinster Street; Hon. Thomas Vesey, Merrion Square; C. C. W. Domville, Esq., Santry House; Thomas Pim, Esq., William Street; Joshua Pim, Esq., ditto; Haliday Bruce, Esq., Dame Street (rejoined); George M'Dowell, Esq., F.T.C.D., Trinity College; Rev. R. V. Dixon, F.T.C.D., ditto; Edward B. Sinclair, Esq., George's Place; Stephen Seed, Esq., Mount Street (rejoined); Michael Roberts, Esq., F.T.C.D., Trinity College; Charles Hogan, Esq., Charlton, Roebuck; Alexander Parker, Esq., William Street; James Wright, Esq., Corn Market; J. W. Murland, Esq., Mountjoy Place.

Garden Subscribers—Henry Irvine, Esq., Hardwicke Place; John Bell, Esq., Coombe; Mr. Charles Hamilton, Great Denmark Street; William James Bradley, Esq., Mecklenburgh Street; Bent Ball, Esq., Eccles Street; Miss Kate Ball, Granby Row; Miss Haughton, Eccles Street; John Barrington, Esq., Britain Street; Charles Smyth, Esq., Stephen's Green; William Haughton, Esq., City Quay; Miss Bagot, Camden Street; Miss Berry, Belvidere Place.

The following is the subscription list for Building a Giraffe, Elephant, and Camel House:—

The Archbishop of Dublin, £5; Sir Philip Crampton, Bart., £5; A. Lyle, Esq., £3; T. E. Beatty, M.D., £2; Hans Irvine, M.B., £2; T. Hutton, Esq., a debenture and its accruing interest; Lieut.-Colonel Weld Hartstonage, £1; F. W. Burton, Esq., £1; D. J. Corrigan, M.D., £2; R. Callwell, Esq., £1; L. Crosthwaite, Esq., £5; M. J. O'Kelly, Esq., £1; J. Owen, Esq., £2 2s.; J. Wilson, Esq., £5; Surgeon Wilde, £1; A. Smith, M.D., £1; Professor Allman, £1; George Smith, Esq., £1; F. Whitla, Esq., £1; Joseph Todhunter, Esq., £1; J. Woodroffe, M.D., £1; E. Kennedy, M.D., £1; Captain Larcom, £1; J. Banks, M.D., £1; William Fry, Esq., £1; John Burke, Esq., £1; Jonathan Lisson Cooper, Esq., £1; Walter Sweetman, Esq., £1; Matthew Franks, Esq., £1; Messrs. Barker, £1; William Allen, Esq., £1; Alexander Carroll, Esq., £1; Daniel Nugent, Esq., £1; William Nugent, Esq., £1; V. Drury, M.D., 10s.; M. Greene, Esq., 10s.; R. Caldbeck, Esq., 10s.; L. E. Foot, Esq., £1; F. Bessonnet, Esq., £1; John Burrowes, Esq., £1; Benjamin Lee Guinness, Esq., £1; Edward Lucas, Esq., £2; John Parker, Esq., £1; Earl of Leitrim, £5; Evelyn J. Shirley, £2; H. Kennedy, M.D., 10s.; Robert White, Esq., 5s.; George F.

Brooke, Esq., £2; Edward Hutton, Esq., M.D., £1; Colonel Samuel White, £2 2s.; Robert Borrowes, Esq., £2; Richard Pennefather, Esq., £2; Robert Wybrants, Esq., £1; Hugh Barton, Esq., £1; Arthur L. Guinness, Esq., £1; Rev. A. FitzGerald Day, £2; George French, Esq., £1; B. M. Tabuteau, Esq., £1; Colonel White Woodlands, £2; The Earl of Mayo, £5; Mrs. O'Connor Malone, £5; Lieutenant-Colonel Spottiswood, £1; Dr. W. H. Harvey, £1; A. Mahood, Esq., £1; H. J. Batchelor, Esq., £2; George Bomford, Esq., £2; Captain George, £1; Robert Mallet, Esq., £1; William H. Pim, Esq., £1; Lord Talbot de Malahide, £1; Joseph Farran, Esq., £1; Jonathan Pim, Esq., £1; Miss Alexander, £1; George Pim, Esq., £5; Alexander Parker, Esq., £1; W. T. Mulvany, Esq., £1; Chief Baron, £1 1s.; Frederick Conway, Esq., £1; C. P. Croker, M.D., £1; Crofton M. Vandeleur, £2; Sir William Hamilton, £1 10s.; Rev. Charles Stronge, £1; R. Griffith, Esq., £1; J. Jamison, Esq., £1; Mrs. Percy Payne, £1; Richard Langtry, Esq., £2; Miss Ribton, £1; Robert Forster, Esq., £1; Richard Carmichael, Esq., £1; William Harvie, Esq., £2; James O'Dempsey, Esq., £2 2s.; F. Gardiner, Esq., £1; J. Purser, Esq., £1; Rev. Kennedy Bailie, £1; W. Edington, Esq., £1; C. C. W. Domville, Esq., £2; R. P. Williams, Esq., £1; H. Brennan, Esq., £1; D. C. La Touche, Esq., £1; T. M. Gresham, Esq., £1; Dr. Duncan, £1; N. Duncan, Esq., £1; Dr. Mollen, £1; Lord Cloncurry, £5.

#### DONATIONS OF ANIMALS.

— Allen, Esq., a squirrel; Mrs. Bushe, a restless cavy; C. P. Croker, Esq., M.D., a pair of Dingo dogs; L. Crossthaite, Esq., a sooty monkey; The Earl of Caledon, an Esquimaux dog; G. Croker, Esq., a badger; Sir. P. Crampton, a parakeet, a fox, and an otter; J. Cuffe, Esq., a marten; C. W. H. Domville, Esq., a pair of common herons; W. V. Drury, Esq., a pair of black rats; — Dowling, Esq., a male wigeon; — Daly, Esq., a hare; — Ennis, Esq., a moor buzzard; — Fortesque, Esq., a lesser sulphur-crested cockatoo; H. Ford, Esq., M.D., a monkey; Thomas Hutton, Esq., a pair of peafowl; A. Hone, Esq., two pair of quail; — Holmes, Esq., a spider monkey; — Harding, Esq., a hare; R. Heineky, Esq., a pair of Patagonian rabbits; — Lamprey, Esq., a curlew; General Luscomb, a Cornish chough; W. M'Dougall, a pair of gulls; — Murphy, Esq., Russian rabbit; R. N.

Needham, Esq., a pair of peafowl; L. O'Gilby, Esq., a number of snakes and toads; Hon. Mr. Plunket, a lop-eared rabbit; C. Spears, Esq., a blue shark; F. Sisson, Esq., a pair of powies; Captain Locker, a hawk and tortoise; H. Thompson, Esq., ten lizzards; T. W. Wann, Esq., a pair of herons; R. P. Williams, Esq., three buzzards and hawk; Rev. T. Walker, a pair of Polish swans; Gerald Yeo, Esq., a lizzard; Zoological Society of London, a giraffe.

## COMMITTEE ELECTED FOR 1845.

President—Sir P. Crampton, Bart.

Vice-Presidents—His Grace the Archbishop of Dublin, The Marquess of Kildare, Sir Henry Marsh, Bart.; The Chief Remembrancer, Professor Beatty.

Secretaries—R. Ball, Esq.; Hans Irvine, Esq., M.B.

Treasurer—T. Hutton, Esq.

Council — Professor Allman, M.B.; J. T. Banks, Esq., M.D.; F. W. Burton, Esq.; R. Callwell, Esq.; D. J. Corrigan, Esq., M.D.; L. Crosthwaite, Esq.; William Vallancy Drury, Esq., M.D.; E. Hutton, Esq., M.D.; R. Law, Esq., M.D.; M. J. O'Kelly, Esq.; Thomas Oldham, Esq.; Jacob Owen, Esq.; Surgeon Wilde, George Wilkinson, Esq.; J. Woodroffe, Esq., M.D.





[*Saunders' News-Letter, Wednesday, May 6, 1846*].

## ROYAL ZOOLOGICAL SOCIETY.

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THE Sixteenth Annual Meeting of this Society was yesterday held in the Boardroom of the Royal Dublin Society at two o'clock to read and adopt the annual Report and ballot for a new Council.

Sir Philip Crampton, Bart., President, in the chair.

Mr. Ball, Secretary, read the following report:—

### SIXTEENTH ANNIVERSARY OF THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

“Your Council in laying before you a Report of their proceedings for the last year regret they cannot boast, as their predecessors have been able to do for the last four anniversaries, that their expenditure has been less than their receipts; the excess, however (£89 14s. 8d.) is of no great importance, and the less so as the acquired property of the Society during the period has been considerable. The Council, though they have not been able to command great success, feel conscious that they have deserved it, and they confidently assert that this is the result of having followed out the principles which have guided the Councils for the last few years, in giving all possible freedom of access to the Gardens, as a source of instructive and rational recreation to as many of their fellow-citizens as a regard to the funds absolutely necessary for the maintenance of the Institution would permit.

“Your Council have always kept in view that the Society was founded, and should be carried on, not for the benefit of members, but for the general advancement of natural knowledge, and they feel persuaded that it must be manifest that the objects of the founders, and of those who have most laboured in the service of the Society, have been without any personal motive beyond the great reward of doing good to their fellows.

“During the past year a very ornamental house has been erected for the Giraffe, smaller in size than the

Council could have wished, but thus limited in extent by the funds placed at their disposal, which still are insufficient to cover the expense. This house will, however, they have no doubt, prove a most serviceable and effective structure for its purpose, besides being of ornament to the Gardens, and of interest from commanding a most extensive prospect.

The sum expended for the Giraffe house				
is already	...	...	...	£370 17 6
The amount of actual subscriptions paid				313 7 6

“A considerable sum will still be required for the permanent enclosure.

“The Garden continues to be improved and the collection to be tolerably well maintained, though there has been an unusual mortality in the smaller animals, the cause of which has not been accurately ascertained. Glandular disease seemed generally present in the throat, accompanied by excessive fatness, thus demonstrating that the complaint was not the effect of insufficient food. The Giraffe and other ruminants continue to enjoy the highest health. The losses of the Society this year by death may be estimated to exceed the acquisitions by about £45 in value.

“An alteration in the supply of water to the pond in the Vice-Regal Demesne induced the authorities to cut off the pipe which supplied the Swan paddock and small ponds with water. This has rendered them stagnant, and injured for the present that part of the Garden; however, it is hoped a method can be devised for restoring a supply of water, or that by raising the head of the large pond the object of keeping the paddock full may be attained. This latter measure would be a considerable improvement both to the Park and Gardens and in keeping with the works already accomplished in that quarter by the Commissioners of Woods and Forests.

“Your Council are happy to be able to say that the route to the Gardens has been greatly improved; the road at each side of the river being now open to the King’s Bridge and the space opposite the Royal Barracks handsomely railed in; while within the Park the path on the right from the gate to the Gardens has been made one of much interest by the landscape gardening improvements of the Commissioners of Woods and Forests. These circumstances will doubtless contribute to make

the Gardens a still greater place of resort to pedestrians than they have yet been.

“The Council, desirous of promoting a taste for Zoology among Naval and Military Officers, who have ample opportunities for its cultivation, had pleasure in offering free admission to the Officers of the Staff and Garrison to the promenades of last year.

“The evening meetings of the Society have been well attended by an average class of about 400 persons. This large number proves the value of the lectures given and must much conduce to the spread of natural science.

“With respect to the privileges which have been conceded to the members and subscribers of the Society, your Council would remark (as there seems to be some misunderstanding on the subject) that they are now much greater than was the original design of the Society when a personal admission with two friends on ordinary days was all that the law of the Society allowed, while all privileges were suspended on the occasion of promenades or lectures and members paid for admission like other individuals, whatever the Council pleased to name, usually 2s. 6d. for each promenade or lecture. For the last few years members have received two tickets, transferable for each lecture and promenade, and the privilege of admission to the Gardens on ordinary days may now be exercised by the wives of members, and members are permitted to bring in all their children under 12 years of age, instead of two, as at first contemplated. The Council, therefore, cannot but feel that the privileges thus granted to members of the Society and subscribers, which they know are greater than those conceded to the members of other scientific Societies, will, upon consideration, be thought sufficient.

“The only restrictions the Council have desired to impose are those absolutely necessary for raising funds for the support of the Institution; a necessity sufficiently obvious, however much to be regretted.

“The Council have to reiterate the claim of their predecessors to public support for the Society, on the ground of its aid to the students in drawing and sculpture, who were freely admitted during the past year. Evidence was given by many productions that this privilege was properly taken advantage of, and your Council had much pleasure in awarding a premium to Master Annesley

Willet, one of the pupils of the Royal Dublin Society, for a very successful model of the Giraffe.

“Of the exertions and difficulties of successive Councils to uphold and advance the Society since its formation, the public cannot form an adequate opinion. They have been, however, so great, that your Council are deeply anxious to see some means devised by which an Institution beyond all question entitled to support as one of popular instruction, and could be placed on a basis of permanent security, and not left as much dependent as it has been on the efforts of private individuals.

“Among the intelligent portion of the community, the conviction is rapidly growing that assistance to such objects is within the legitimate duty of the National Treasury. It would not, perhaps, be becoming in your Council in their report to do more than simply to put forward a claim to such support, to which they feel assured the advancing intelligence will every day add strength at a time, however, when the diffusion of knowledge, and what is, perhaps, of more importance, the taste and desire for knowledge among the people is attracting a large share of attention of statesmen, they feel that it may be permitted to them to suggest that such an Institution as yours is of all others calculated to attract the casual and thoughtless visitor to the inquiries that lead to knowledge. Were the funds of your Society such as to enable it to give upon one or two days in the week the benefit of free admission to all, to make the collection of animals more extensive, and, perhaps, to give popular instruction as to their habits, history, &c., who can calculate how many among those who never elevate their thoughts above the debasing influences by which too many of our population are surrounded, might acquire, in a visit to your Zoological Gardens, the first taste for the acquisition of knowledge which carried out would expand their minds, elevate their thoughts, and improve their habits. While your Council acknowledge and would urge with any influence they may possess, the claims of Botany to the support it receives at the hands of Government, in the British Dominions they feel that Zoology has its claims, and they confidently look forward that the efforts of the Society, so peculiarly marked by their educational tendency, will be properly estimated at no distant period.

“The limits of a report prevent your Council from dwelling at length on this important subject, but they would quote the words of an eminent writer—‘Where the taste for Zoological inquiry is diffused, there is a high standard of general sentiment and education; and that when such pursuits are neglected, it is because the public mind is not elevated to the standard at which the nature and beauty of such inquiries can be properly appreciated’; and he adds, ‘There is no mode of amusement at once so popular, attractive, instructive, and innocent, as is supplied by a Zoological Garden.’

“Your Council annex to this report tables that will supply an accurate view of the state of the Society during the past year; that it is not one of triumphant success they deeply regret to acknowledge. They have, however, creditably maintained the Society through the year. They have added to its permanent property, increased its attraction and promoted its stability; they leave to their successors the task and duty of carrying out their principles and plans commenced. That, however, your Society is to continue to be supported, there is public spirit and sufficient zeal for knowledge among the educated classes of this metropolis to preserve to the country an Institution which it would have been a disgrace never to have originated, still more, being once established, to permit to languish or to fall.”

Statement of the Accounts of the Zoological Society for the Year ending May 1st, 1846:—

INCOME.

Admission to the Gardens, viz.:—

		£	s.	d.	£	s.	d.	
Total Admissions, 112,411	{	3,251 free						
		357 at 2/6 ...	...	44	12	6		
		49 at 1/3 ...	...	3	1	3		
		13,722 at 6d. ...	...	343	1	0		
		2,510 at 3d. ...	...	31	7	6		
		92,522 at 1d. ...	...	385	10	2		
				<hr/>				
				807	12	5		
Members' Subscriptions	...	...	271	0	0			
Subscribers' Subscriptions	...	...	45	1	0			
Admission fees	...	...	13	0	0			
Donations...	...	...	243	19	6			
Animals sold	...	...	36	0	0			
Incidental sundry receipts	...	...	12	16	4			
				<hr/>				

	£	s.	d.	£	s.	d.
Forward	...	...	...	1429	9	3
EXPENDITURE.						
Balance against the Society last year	16	12	11½			
Food for animals	586	10	3½			
Incidental expenses	165	14	11½			
Salaries and wages	325	5	10½			
Building Giraffe House	370	17	6½			
Animals purchased this year	21	11	3			
Debenture No. 21 paid off, having been handed by Richard Kane, Esq., as a donation towards building the Giraffe House	25	0	0			
Interest on Debentures this year allowed in subscriptions, Donations, &c.	24	4	0			
				1535 16 10		
Balance against the Society	...	...	...	£106	7	7

## NUMBER OF ANIMALS IN THE GARDENS.

Birds	...	...	...	...	...	170
Other Animals	...	...	...	...	...	75

## LIST OF DONATIONS AND DONORS, 1845-6.

Richard Allen, Esq., English squirrel; — Browne, Esq., green monkey; A. Butwel, Esq., pair of tortoises; Leland Crosthwaite, Esq., pair of sheldrakes, pair of water hens, young rabbit, and three ring doves; Sir P. Crampton, jerboa; James Egan, Esq., English squirrel; Edward Elliott, pair of young owls; Dr. Garsten, wild duck; — Garnet, Esq., badger; — Gernon, Esq., three mistletoe thrushes; Edward Getty, Esq., gennet; — Hamilton, Esq., woodcock; W. F. Jennings, Esq., racoon; Lord Langford, boa; — Mathew, Esq., tortoise; — M'Dougall, Esq., English squirrel and cage; — M'Gloin, Esq., seagull; Thomas Morris, Esq., heron and hare; — Molloy, Esq., pair of Hong Kong geese; Miss Sigismund, ring-tailed monkey; William O'Hanlon, Esq., owl; — O'Higgins, Esq., pair of gulls; Alexander Parker, three nightingales; Sir George Preston, mastiff dog; — Rooney, Esq., racoon; W. Russell, land rail; Francis Rutledge, Esq., land tortoise; Thomas Taylor, Esq., a quantity of Dahlia roots; Rev. E. Tandy, buck hound; Surgeon Wilmot, three ground doves.

MEMBERS JOINED SINCE MAY, 1845.

William M'Dougall, Esq.; William Burke, Esq.; Charles Meara, Esq.; Captain Seymour; William Colles, M.D.; Maurice O'Connell, M.P.; P. H. Greene, Esq., M.D.; John English, Esq.; Lord Francis Egerton; Hon. Charles Clements; John Charles Lyons, Esq.; Edward Ruthven, Esq.; Brooke Taylor Ottley, Esq.; Bernard Murray, Esq., and Francis Blake Knox, Esq.

GARDEN SUBSCRIBERS.

William Reigh, Esq.; Terence T. Dolan, Esq.; Alexander Allen, Esq.; J. D. Mullen, Esq.; Alexander Deane, Esq.; William Matthew, Esq.; Miss Bell; Sir Lucius O'Brien; Conolly Norman, Esq.; Alfred Power, Esq.; Rev. George A. Armstrong; Erasmus W. Williams, Esq.; Miss Wilson; John Lowry, Esq.; Mrs. Hartney, and Mrs. J. Billing.

The following Resolutions were then adopted:—

“Resolved—That the Report just read be received and printed.

“Resolved—That the thanks of the Society be given to the several Donors during the past year.

“Resolved—That the marked thanks of the Society be given to the Royal Dublin Society for their liberality in lending their Board-room for the present meeting and on all other occasions.”

The Ballot having closed, the following officers were declared duly elected for the ensuing year:—

President—Sir Philip Crampton, Bart.

Vice-Presidents—His Grace the Archbishop of Dublin; Sir Henry Marsh, Bart., The Chief Remembrancer; R. Callwell, Esq.; L. Crosthwaite, Esq.

Secretaries—R. Ball, Esq.; Hans Irvine, Esq., M.B.

Treasurer—T. Hutton, Esq.

Council—Professor Allman; Professor Beatty, F. W. Burton, Esq.; D. J. Corrigan, Esq., M.D.; L. E. Foot, Esq.; Robert Harrison, Esq., M.D.; W. H. Harvey, Esq., M.D.; W. Vallancy Drury, Esq., M.D.; M. J. O'Kelly, Esq.; Professor Oldham; J. Owen, Esq.; T. W. Warren, Esq., and J. Woodroffe, Esq., M.D.

The meeting then adjourned.





[*Report, 1847*].

## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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YOUR Council, in presenting their Report for the past year, regret that, owing to the peculiar circumstances of the period, the consequent high price of provisions, and difficulty of collecting subscriptions, there has been a considerable increase of debt. Finding this accumulation, and unwilling to draw further upon the liberality of a few individuals to make good the default of many, your Council addressed a circular (of which a copy, marked A, is appended) to all who had been, at any time, members of the Society. This address brought forth a strong expression of feeling on the part of some individuals of influence, but, for the most part, was unnoticed. Your Council thus felt, on the one hand, that the zeal manifested called for their continued perseverance; while, on the other, the general apathy of members was very discouraging; yet, still considering the great value of the Institution to the public, the difficulties which have been overcome during the past seventeen years, the great probability, almost certainty, that institutions like yours, having the instruction, recreation, and mental elevation of the public at large for their object, will, nay, must, sooner or later receive the support of Government, as they already do in other countries; your Council have gone on, and, by a considerable diminution of expenditure, have secured to their successors a position which, with moderate aid from you, will enable them to support the Institution without increasing the debt; but, if at the end of summer they should not be able to liquidate it, it will be for them to consider whether they can enter upon the expenses of another winter. Thus, the fate of the Society rests with those who, by withholding subscriptions, tax, beyond endurance, the liberality and good feeling of the gentlemen appointed as the executive of the Society. On these defaulters must rest the odium of its fall; and, if such should prove inevitable, it will be most disgraceful to them and to the country. The eminent Professor E. Forbes, in his recent address to the Society, said:—"It

is only justice to bear testimony to the value of the Zoological Society of Ireland, as a scientific and social institution. Managed as it is, and diffusing knowledge as it does, you can boast of having in this City the best society of the kind in Europe—the one of most service to the public—and this, too, with comparatively small resources; for similar bodies abroad derive ample resources from the government of the countries to which they belong, and the only institution of the kind in England is in the very centre of European wealth.”

Your Council could dilate on this subject to any length; but they feel that their predecessors have so often and forcibly put the great utility of the Society before the public, that it may now be sufficient to ask the citizens of Dublin, and Irishmen at large, whether they will suffer the naturally most beautiful and healthful, and, it may be added, the most useful Zoological garden existing, to fail, rather than contribute the small sum required for its maintenance? To subscribers it may be urged, that in the tickets for lectures and promenades they receive more than an equivalent for subscriptions, while, at the same time, education and recreation is provided at one penny each for the poorer classes. Lectures are given to the members and their friends by the most distinguished persons, instruction is afforded to artists, and science and education generally cultivated. Who, on seeing the evening meetings crowded by some 600, apparently the *elite* of the land, could suppose that very many of that number, occupying prominent places, and on these and other occasions availing themselves of every advantage the Society affords, do but too generally withhold subscriptions? Yet such is the fact; and it is one which shows how difficult it is in this country to maintain institutions which depend for support on the good faith of public subscriptions.

The Council regret to be forced into these reflections, but they feel much the want of support they should have received; at the same time it affords them much gratification to be able to bear testimony to the excellent conduct of the people, 73,107 of whom were admitted to the Garden during the year at one penny each. They seemed greatly to appreciate the privilege, and have not abused it.

Your Council, in reporting the events of the year, have

to mention the death of the late superintendent, Mr. Scott, whose illness for some months delayed the reductions and alterations, tending to lower the expenditure, which they wished to effect, and have since carried out. On his death they made no new appointment, but placed the collector, Mr. Buckley, in charge; and discontinued the carter and gate-keeper, replacing the latter by a man fitted to act as clerk, take charge of the garden in Mr. Buckley's necessary absence, and serve as a watchman. The paid staff of the Society now consists of Mr. Buckley, collector and acting superintendent; J. Lowe, clerk, gate-keeper and watchman; two keepers and two gardeners, being only six individuals, at the wages of £3 11s. a week; with this staff the garden can be maintained usefully, and kept in its present excellent order.

Your Council have to report the very unexpected death of the Elephant; he had, for some months, thriven remarkably, but was suddenly seized by inflammatory disease, which carried him off in a few hours; from careful investigation it would appear to have been one of those accidents to which all animals are liable. With this exception, the amount of mortality has been very small, attributable to improved ventilation and a less than usual dependence on artificial heat. The animals generally have thriven remarkably. The Giraffe continues to grow rapidly, and has now, for nearly a year, occupied his new house (the Albert Tower), which proves to be very well adapted for him; he is considered, by competent persons, the finest animal of the kind in confinement at present, and is probably now worth £800. Your Council ask: is this noble donation to be returned to the donors, with an intimation that Ireland does not subscribe, annually, one half the amount of this one gift of theirs?

Your Council felt it incumbent on them to postpone the usual promenade on the 1st of May, in consequence of the lamented illness of His Excellency the Lord Lieutenant, who, personally, has long taken much interest in the Society.

The garden is now in better order than it has ever been before; the growth of the shrubs, and extraordinary quantity of blossom now upon them, give a promise of exceeding beauty for the present month. By the kindness of the Commissioners of Woods and Forests, who have

made their improvements subservient to the objects of the Society, the upper end of the garden has been very greatly embellished; an ample supply of water is now obtained, and a pretty cascade formed. The Council, in conclusion, urge earnestly on the members the advantages of their frequently visiting the gardens; they request them to influence their friends to do so too, and they call generally upon the citizens of Dublin to inspect the garden and say whether, by withholding their support, they will permit so beautiful an ornament to the City, and so useful an institution, to fall away.

Twenty-three members and twenty subscribers were added to the Society last year.

Admission from 1st May, 1846, to 29th April, 1847, inclusive:—

3,501	Free,	...	...	...	£36	5	0
290	at 2s. 6d.	...	...	...	6	3	0
123	„ 1s. 0d.	...	...	...	2	7	6
38	„ 1s. 3d.	...	...	...	246	6	6
9,853	„ 0s. 6d.	...	...	...	21	13	0
1,732	„ 0s. 3d. Children	...	...	...	0	10	3
41	„ 0s. 3d. Soldiers	...	...	...	304	12	3
73,107	„ 0s. 1d.	...	...	...	<hr/>		
Total, 88,685					£617	17	6

## INCOME.

	£	s.	d.
Admission to the Gardens this year	617	17	6
Members' Subscriptions	257	3	0
Subscribers' Subscriptions	53	0	0
Admission Fees of New Members	18	0	0
Donations	22	3	0
Admissions to Giraffe House, Medals and Incidentals	26	18	8
Animals sold this year	27	3	6
	<hr/>		
	£1022	5	8

## EXPENDITURE.

Animals purchased this year	£47	5	3
Provisions for animals this year	562	13	11
Interest on Debentures	9	5	0
Incidentals	178	15	8 $\frac{3}{4}$
Wages	300	11	7 $\frac{1}{2}$
Buildings this year	93	1	6
	<hr/>		
	1191	13	0 $\frac{1}{4}$
	<hr/>		
Balance against Society last year	106	7	4 $\frac{1}{4}$
	<hr/>		
Balance against the Society	275	14	11 $\frac{1}{4}$
	<hr/> <hr/>		

						£	s.	d.
Bill due 29th May	...	...	...	...	...	100	0	0
Do. 23rd July	...	...	...	...	...	250	0	0
						<hr/>		
						350	0	0
In hands of Messrs. Boyle, Low, Pim & Co.	...	..	...	£74	4	4		
In the hands of Superintendent	...		...	0	0	8 $\frac{3}{4}$		
				<hr/>				
						74	5	0 $\frac{3}{4}$
						<hr/>		
						£275	14	11 $\frac{1}{4}$
						<hr/> <hr/>		

## OFFICERS AND COUNCIL ELECTED FOR 1847-8.

President—His Grace the Duke of Leinster.

Vice-Presidents—His Grace the Archbishop of Dublin;  
Sir Philip Crampton, Bart.; Sir Henry Marsh, Bart. ;  
The Chief Remembrancer; L. E. Foote, Esq.

Secretaries—Robert Ball, Esq.; Hans Irvine, Esq.

Treasurer—Thomas Hutton, Esq.

Council — Professor Allman; Professor Beatty;  
F. W. Burton, Esq.; Robert Callwell, Esq.; Alexander  
Carte, M.D.; D. J. Corrigan, M.D.; Rev. J. Galbraith, F.T.C.D.;  
Robert Harrison, M.D.; William H. Harvey, M.D.; James  
Kerin, M.D.; Charles Croker King, M.D.; M. J. O'Kelly,  
Esq.; Jacob Owen, Esq.; T. W. Warren, Esq. ;  
J. Woodroffe, M.D.

## " CIRCULAR A.

" In submitting to members of the Royal Zoological Society the accompanying statement and resolution, the Council do not feel it necessary to reiterate the arguments already before the public, but they think it necessary to draw serious attention to the present condition of the Society, in the hope that the strong claim now put forth will prevent the necessity, which must otherwise inevitably arise, of breaking up an institution from which the citizens of Dublin and others of all classes have derived so much useful instruction and healthful recreation. Though the Council have, on their personal responsibility, met the demands upon them, yet they are quite determined not to incur further liabilities; the future fate of the Society must therefore depend on the result of this application to the members. At this particular period it may be proper to state that the use of articles of human food for the Society's animals, has been for some time discontinued, and that rough barley and horse-flesh supply the place of bread, oats, and butchers' meat. Large reductions of expense have been and are being made, which will enable the Society to go on effectively, provided the debt now pressing be met by the payment of subscriptions due, &c. It may be useful to add that during the four years ended May, 1845, the expenses of the Society were considerably within its income, the debt of last year, £86, resulted from the great cost of building the ' Albert Tower ' for the Giraffe, &c. The other expenses of the year were much less than the receipts.

" By order,

" ROBERT BALL, } Secretaries."  
" HANS IRVINE, }

“At a meeting of the Council of the Royal Zoological Society, held on Saturday, February 27th, 1847, present, Sir P. Crampton, President; the Chief Remembrancer and R. Callwell, Esq., Vice-Presidents; R. Ball, Esq., and H. Irvine, M.B., Secretaries; T. Hutton, Esq., Treasurer; Professor Allman, Frederick Burton, Esq.; L. E. Foote, Esq.; W. V. Drury, M.D.; M. J. O’Kelly, Esq.; Professor Oldham; J. Owen, Esq., and J. Woodroffe, M.D., members of the Council, the following statement was made:—

“The liabilities of the Society are now about £350, a portion of which is a debt incurred last year in the building of the Giraffe house. The remainder has necessarily occurred from the heavy expenses of the past winter. The payment of members’ subscriptions would be sufficient to liquidate this debt, but in consequence of the great difficulty of collecting them, it has been found necessary for the support of the Society to raise a temporary loan on the personal security of a few individuals. Repayment of this loan will soon be demanded, and it therefore becomes necessary for the Council to provide for it.

“It was resolved—That the subject be brought under the immediate individual consideration of the members of the Society, and that they be called upon to support the officers and council by a prompt payment of the subscriptions due—that this claim be urged on the grounds that the gentlemen who undertook the difficult task of carrying on the Society did so in the full faith that subscriptions of members would be punctually paid, and they therefore now claim from the members’ sense of justice support to relieve them from personal responsibility.

“PHILIP CRAMPTON, Chairman.

“Life members may aid in the present emergency by donation or by returning the names of friends as members; in this manner members who have paid may aid. Those who have not paid will see the necessity of doing so promptly. Members who have fallen off at any time may have their names again placed on the roll by payment of £1, the Council having cancelled all claims to arrears of subscriptions.

“Subscriptions may be paid to the treasurer, T. Hutton, Esq., 114 Summer Hill; or to Mr. Porter, 72 Grafton Street; and communications may be addressed to the Secretaries, 3 Granby Row, Dublin.”

[*Saunders' News-Letter, Wednesday, May 3rd, 1848.*]

## GENERAL MEETING OF THE ROYAL ZOOLOGICAL SOCIETY.

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A GENERAL Meeting of the Members of this Society was held at the Gardens yesterday.

Richard Carmichael, Esq., in the chair.

The following Report was read and adopted:—

### REPORT

of the Royal Zoological Society's Council for the year ended 2nd May, 1848.

“Your Council in presenting their Report for the past year particularly desire to call your recollection to that of their predecessors who, complaining of the feeble support they had received and the consequent difficulties they were involved in by those who induced them to undertake the conducting of the Society, yet neglected to pay their promised subscriptions, went on to recommend a dissolution of the Society should this practice be persevered in, your Council regret to say that they have not been well supported, and they have felt that they should have been justified had they adopted the recommendation they have referred to; but when they reflected on the great value of your Society as an Educational Institution, the aid its garden and collection affords to Zoological Science and the Fine Arts, but particularly to the still more important service to the country of its affording a place for the rational and quiet-minded recreation of the people, they determined (though it involved serious personal responsibilities) to endeavour to save your Society (pronounced by competent authority to be the most useful of the kind existing). Your Council therefore adopted a system of the most rigid economy, and at the same time suspended purchases, while they paid the strictest attention to the preservation of the Society in such a state as would fit it for extension in its various departments whenever a more liberal spirit on the part of the richer classes, and a returned prosperity of the country should supply increased funds. The result has been that the danger which threatened has been averted,

and your Council, with a smaller income than you have ever had before, have so managed as to live within it, and reduce your debt, as will be seen on reference to the Treasurer's accounts. From this your Council are led to believe that if their plans be persevered in the debt of the Society will be overcome, while they are also induced to hope that a return of prosperity to the country and what is to be looked for, great influx of visitors consequent on the opening of the various railroads, will insure a future income for the ordinary purposes of the Society.

"Your Council have pleasure in reporting that your animals continue to maintain the good health for which your collection is remarkable. The losses sustained have not been of importance, and your stock, though small, is of considerable value, the Giraffe and other ruminants are unsurpassed in any collection.

"The Garden under the superintendence of Mr. Buckley, has been much improved; several new walks, some judicious planting, and the growth of shrubs and trees combined with the natural beauties of the situation, render it a very distinguished ornament of the metropolis.

"The lectures which were opened by His Grace the Archbishop of Dublin, were attended by an average class of five hundred persons—the course was of necessity suspended owing to the occupation of the premises of the Royal Dublin Society by a military party.

"The number of members and subscribers who have rejoined, or been enrolled, during the past year exceeds the number of those who have resigned or been struck off for being in arrear. The list so corrected for 1848 contains 116 life members, 266 annual members, and 62 subscribers, making a total of 434. 96 subscriptions remain to be collected.

"The following is a return of admissions to this date, 2nd May :—

Free	...	...	2,998
At 1d.	...	...	51,634
At 3d.	...	...	1,611
At 6d.	...	...	8,771
At 1s.	...	...	703
At 1s. 3d.	...	...	85
At 2s. 6d.	...	...	365
Total	...	...	<hr/> 66,167



(a number sufficient to show how great would have been the loss to the public of a dissolution of the Society).

CASH ACCOUNT FOR YEAR ENDED 1ST MAY, 1848.

Balance against Society last year ... .. £275 14 11

EXPENDITURE.

Paid for food for animals	... ..	£368 13 11	
Incidental expenses	... ..	£148 19 1	
Received for sundries	... ..	16 17 2	
		<hr/>	132 1 11
Wages to Workmen and Superintendents	... ..	198 18 11	
Interest on Debentures	... ..	10 8 0	
		<hr/>	710 2 9
			<hr/>
			985 17 8

RECEIPTS.

Cash received for animals bred in the Gardens, sold	... ..	34 2 6	
Paid for animals	... ..	16 11 0	
		<hr/>	17 11 6
Admissions to Garden	... ..	541 0 5	
Members' Subscriptions	... ..	215 3 0	
Subscribers' Subscriptions	... ..	33 0 0	
Admission Fees	... ..	14 0 0	
Donations	... ..	20 0 0	
		<hr/>	840 14 11
Balance against the Society	... ..		£145 2 9

“ From the foregoing it will be seen that a reduction of the debt of the Society of £130 12s. 4d. has been accomplished during the year.”

LIST OF MEMBERS JOINED SINCE 1ST MAY, 1847.

His Excellency the Lord Lieutenant (Life), Captain Larcom, Custom House (Life); Leonard Carew Gwynn, 6th Carbineers (Life); Joseph Wright, Esq., Park Place, Conyngham Road; John Tod-hunter, Esq., Sir John's Quay; Godwin Swift, Esq., Blessington Street; William Keogh, Esq., Mountjoy Square; Robert Leeson, Esq., Stephen's Green; Thomas M. Pooley, Esq., Ballsbridge; William E. Taylor, Esq., LL.D., Herbert Street; William Bruce Joy, M.D., Esq., Leeson Street; Samuel Maclean, Esq., Stephen's Green; Joseph Cooper Walker, Esq., Eccles Street; Graves C. Colles, Esq., Stephen's Green; Edward Farrell, Esq., Capel Street; Col. H. D. Jones,

Custom House; W. O'B. Butler, Esq., Lower Mount Street; M. B. Mullins, Esq., Fitzwilliam Square; O'Neal Segrave, Kiltimore, Co. Wicklow; Thomas R. Mitchell, M.D., Esq., South Cumberland Street; George Hatchell, M.D., Esq., Phœnix Park; John Goode, Esq., City Quay; Daniel O'Connell, Esq., Stephen's Green.

#### SUBSCRIBERS JOINED SINCE 1ST MAY, 1847.

Rev. Charles Greaves, Fitzwilliam Square; W. D. Atkin, Esq., Merrion Square; Major Halliday, Clifton, Hollywood, Belfast; Alexander Halliday, Esq., Clifton, Hollywood, Belfast; Miss Eugene Breden, Hardwicke Street; Miss Mackane, Lr. Sherrard Street; Miss Hamilton, Fitzwilliam Square; John Duffy, Esq., Pembroke Road; Joseph Fenton Carson, Esq., Sir John's Quay; Mrs. Stanhope, Lower Mount Street; Samuel B. Oldham, Esq., Suffolk Street; William Burke, Esq., North Frederick Street; Hon. P. Plunket, Donnybrook College, Donnybrook; Dean of Kilmacduagh, Bayswater, Dalkey; Miss Hennis, Eccles Street; Sidney Browne, Esq., Lr Sackville Street; ——— Casement, Esq., Upper Leeson Street; George Macdona, Esq., Molesworth Street; Walter Lindsay, Esq., Greenville, Rathmines; Henry Russell, Esq., Hardwicke Street; Malachi Hussey, Esq., Mountjoy Square; W. J. O'Driscoll, Esq., Fitzwilliam Street; William Parr, Esq., Castle Avenue; J. Downes Roach, Esq., Sinnot Place.

#### DONATIONS.

Dr. Drury, pair kestrel falcons; Mr. Egan, jerboa; Mr. Dunphy, pair guinea pigs; Charles Cole, Esq., one monkey; Dr. Irvine, golden eagle; Master Roberts, two pair rabbits; Leonard Carew Gwynne, Esq., brown bear; Mr. Burgess, African cat; Corlett Waddell, Esq., otter; Mr. Forde, cuckoo; Mr. Brocas, macaw; Rev. Joseph Callwell, coatimondi; Sir Edward Blakeney, raven; Mr. M'Garry, sea eagle; Mrs. Crosthwaite, sea eagle; Mr. M'Ardle, pair hares; Mr. Leake, per Dr. Carte, chauna; Dr. Battersby, 55th Regiment, cat, pair silver pheasants; Mr. Taggart, pair cats.

Thanks were then voted to the members of Council who retired pursuant to the laws of the Society, to the Officers of the Society, and to the donors.

The ballot having closed, the following Officers and Council were declared duly elected:—

President—His Grace the Duke of Leinster.

Vice-Presidents—His Grace the Archbishop of Dublin; Sir Philip Crampton, Bart.; The Chief Remembrancer, Richard Carmichael, Esq., Professor Harrison.

Secretaries—Robert Ball, Esq.; Hans Irvine, M.B.

Treasurer—Thomas Hutton, Esq.

Council—Professor Allman, Professor Beatty, F. W. Burton, Esq.; Robert Callwell, Esq.; D. J. Corrigan, M.D.; James Cusack, M.D.; William H. Harvey, M.D.; G. W. Hatchell, M.D.; Charles Croker King, M.D.; Sir H. Marsh, Bart.; Sir John Macneill, M. J. O'Kelly, Esq.; Jacob Owen, Esq.; W. Cooke Taylor, LL.D.; T. W. Warren, Esq.



[*Saunders' News-Letter, Wednesday, May 2, 1849.*]

## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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A MEETING of the Royal Zoological Society of Ireland was held in the Gardens, Phoenix Park, yesterday.

Dr. A. Smith in the Chair.

The following Report was read and adopted:—

“ At the close of a year of unexampled depression it should not dishearten the Royal Zoological Society to learn that it has suffered in common with other Institutions dependent on the voluntary support of the public; yet it is not without a feeling approaching to exultation that your Council come before you to report that notwithstanding a great diminution in their income, they have, by rigid economy, continued to maintain the Society without increasing its liabilities, and they are enabled to hand over their charge to their successors—

First, with your Gardens much improved,

Second, your collection of animals not lessened in value, though somewhat diminished in number; and

Third, your debts not increased.

It seems necessary to offer explanation of these scarcely to be expected results.

First, with respect to the Gardens. Your Council, having no work of extent in progress during the year, have been enabled to turn attention to minor details, and have, by judicious planting, the formation of new walks, etc., much improved your grounds. In this work they have been aided by the energy and skill of Mr. Buckley, the acting Superintendent, and they have been enabled to increase the arboricultural interest attached to your plantations by the addition of a number of trees and shrubs, given by Mr. Toole in lieu of a life subscription to the Society.

Second, as to the collection of animals, it is true its number is not large, but then in it are to be found some of the finest and most remarkable specimens, whether considered as regards their scientific interest, marketable value, or unexampled healthfulness. The magnificent

Giraffe alone is not only the most valuable, but perhaps the most interesting animal ever exhibited in Ireland. During the past year the only important loss in the collection was the Camel, which died of disease of the lungs, but this loss has been more than counterbalanced by the patriotic liberality of the Right Hon. R. More O'Farrell, in whose donations already received are three Ostriches and a Fezzan Sheep, which is said to be the only specimen ever sent to the British Islands. Besides these, a very fine Cassowary from New Guinea was added to the collection by purchase. The value of animals received by donation may be estimated at £88 1s. 6d; purchased, £22 8s. 9d.; bred in Gardens, £10. Against which may be set—lost by death, £68 7s; sold, £27 7s.; leaving a balance increase value of the stock equal to £24 16s. 3d.

Third, when your Council inform you that your debt has not been increased during the year, it is necessary to state that they have paid sums amounting to £109 17s. 1d., bills for smiths' work, timber, animals, advertisements, etc., which had lain over for two or three years, this sum, being deducted from the apparently increased balance, will demonstrate that the increase has on the year more than met the expenditure. It should likewise be recollected that the proceeds of the annual promenade have not come within what might be expected this year. Owing to the backward state of the spring it was not deemed advisable to hold it until the Garden was in a more forward state. Your Council strongly urge on members by payment of their subscriptions to relieve the gentlemen who have made themselves responsible for the balance which the amount on the whole shows against the Society.

During the year 20 members and subscribers have been added to your roll, while 18 have died or resigned. However, there are 22 more in arrear, whose names become this day removable in failure of payment.

Your Council beg to draw your attention to the returns of admission to the Gardens during the past year, showing a total of 64,328 persons. This is the best proof of the value of your Society in affording intellectual recreation to the people. Of its importance in aiding native artists (who are freely admitted) so much has been already said that it would seem unnecessary to recur to the subject,

but as it appears likely that your collection may be made more useful than ever in connection with schools of design, now about to be established, it may be observed that the value of living forms as models cannot be too highly estimated. It is necessary for the artists to study the habits of animals before he can represent their natural character with fidelity, and it would not be difficult to point out many ludicrous and disgraceful failures, even in the higher branches of art, arising from deficiency in this particular knowledge.

In conclusion, your Council would urge on you increased exertion to induce persons to join the Society, to visit the Gardens more frequently, and in speaking of them to do so from actual observation.

## ADMISSION THIS YEAR.

Free ... ..	1,858
At 2s. 6d. ... ..	74
„ 1s. 3d. ... ..	6
„ 0s. 6d. ... ..	8,396
Children ... ..	1,358
Soldiers ... ..	67
At 1d. ... ..	51,095
Schools admitted free ... ..	1,474
	<hr/>
Total ... ..	64,328

## ACCOUNT FROM 1ST MAY, 1848, TO 1ST MAY, 1849.

	£	s.	d.	£	s.	d.
Admission to Garden ... ..	450	4	8			
Members' Subscriptions ... ..	208	0	0			
Subscribers' do. ... ..	34	0	0			
Admission Fces ... ..	10	0	0			
Animals Sold ... ..	27	7	0			
Received from Sundries ... ..	9	3	0			
	<hr/>					
Total Receipts ... ..				738	14	8
	£	s.	d.			
Animals Purchased ... ..	22	8	9			
Food ... ..	344	13	11½			
Wages ... ..	209	4	0			
Interest ... ..	11	0	0			
Incidental Expenses ... ..	142	18	8			
	<hr/>					
Total Expenditure for Year ... ..				730	5	4½
				<hr/>		
				8	9	3½
				<hr/>		

	£	s.	d.
Balance against Society last year ... ..	145	2	9
Debts of old standing discharged ... ..	None.		
Equivalent contracted ... ..	109	17	1
	<hr/>		
	£254	19	10
	<hr/>		
Bill due Bankers 17th May ... ..	250	0	0
Over-drawn on Bank ... ..	3	4	1
	<hr/>		
	253	4	1
Less in Superintendent's hands ... ..	6	13	6
	<hr/>		
Balance at present against the Society ... ..	£246	10	7
	<hr/> <hr/>		

being considerably less than it was in the years 1847-8.

Thanks were voted to the respective donors and the retiring members of Council.

List of donations—The Right Hon. R. More O'Farrell, three ostriches, one Fezzan sheep, four partridges, two doves; Mr. Davis, a pair of Manx cats; Dr. Carte, a hedgehog; Mr. Carte, per Mr. Richardson, a dog, between deer dog and Russian; Mr. Jack, a hare; Mr. M'Dougall, six horned owls; Mr. Buckley, six barn owls; Colonel Johns, a chacma; Mr. Hone, sparrow hawks; Mr. Espinasse, kestrels; Mr. Bright, rabbits; Dr. Smith, kestrels; Mr. Tottenham, three pea fowl; Mr. Murphy, per Dr. Carte, a rattlesnake; Mr. Gamble, a rhesus monkey; Rev. Mr. Stirling, a squirrel; Mr. Barker, a barn owl; Lady Harriet Kavanagh, a pair of gazelle hounds; Sir P. Crampton, some common toads; J. Snowe, Esq., an eagle; W. Warren, a heron; Mr. Dillon, a rabbit and a pair of Brent geese.

The following Officers and Council were then duly elected, and the meeting adjourned:—

President—Sir Philip Crampton, Bart.

Vice-Presidents—His Grace the Archbishop of Dublin; the Chief Remembrancer; Sir Henry Marsh, Bart; Professor Beatty, D. J. Corrigan, Esq.

Secretaries—Robert Ball, Esq.; Hans Irvine, M.B.

Treasurer—Thomas Hutton, Esq.

Council—Professor Allman, F. W. Burton, Esq.; R. Callwell, Esq.; Richard Carmichael, Esq.; Alexander H. Haliday, Esq.; Professor Harrison, Professor Harvey, G. W. Hatchell, M.D.; G. W. Hemans, Esq.; C. Croker King, M.D.; M. J. O'Kelly, Esq.; Professor Oldham, Jacob Owen, Esq.; W. Cooke Taylor, LL.D.; T. W. Warren, Esq.



[*Saunders' News-Letter*, Wednesday, May 8, 1850.]

## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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The annual meeting of the Royal Zoological Society took place at the Gardens, Phoenix Park, at two o'clock on yesterday,

J. Owen, Esq., in the Chair.

The following report was read by Robert Ball, LL.D., Hon. Secretary:—

“The members of the Royal Zoological Society are probably not prepared to receive the congratulations of the Council in their report at the termination of the 19th year of the Society, yet such congratulation is herewith tendered, for it affords the Council great gratification to be enabled to hand over their trust to the Society, in the efficient state it is at present. That they do not take an erroneous view of the subject members will admit, when they recollect that several years since the Society was encumbered with much debt; that considerable outlay was necessary in building, gardening, &c., and that before these difficulties could be overcome the period of national distress commenced (which it is earnestly hoped has now terminated) the opinion of many friends of the Society naturally was, that it must dissolve, or at least close its Garden; however, a few that were more sanguine determined on endeavouring to preserve it; and while they yielded under the pressure upon them, only bent to rise again when that pressure was removed. By a rigid economy, expenses were curtailed, and by much industry the Garden has been kept steadily advancing, so that now there is nothing required for buildings or garden; while the deficiency in the stock of animals, occasioned by deaths during the last two years, can be readily made up if a returning prosperity induces the public again to give to the Society the support it formerly experienced. While this want of a large stock of animals is acknowledged, it should be recollected that the Society still possesses what, in a smaller space than their Garden, would be considered a considerable menagerie, and that in it are to be found

many as fine and interesting specimens as have ever been exhibited. From many of the old members of the Society, the Council received all due encouragement in their difficult task; while by those who have never contributed anything to, or have not paid their promised subscriptions, they have been too often assailed with complaints that the collection of animals was not larger. Had the Council yielded to this unthinking clamour and purchased animals during the period of difficulty, they should on the one hand have had to defend themselves from the probable charge of feeding wild beasts while their fellow-men were starving, and on the other, those who urged them on to purchase might have left them to pay as best they could. As it is, your Council have the satisfaction of feeling that the course they have pursued has preserved to you, and to the public of Dublin, an Institution of great educational value. They would ask your attention to the fact, that it has been maintained at a cost on the average of the last three years of £760 per annum, and that during that time it has afforded rational and instructive amusement to more than 200,000 persons, including the children of military and other public schools, admitted without a charge. Your Council is not aware that there is any similar Institution which thus opens its doors not only to schools, but to Students in the arts of design; besides, it admits the people at large once a week at the merely nominal rate of one penny each; a public boon which must be acknowledged by those who really value the sanitary condition and intellectual improvement of the working classes; for it holds out an inducement to the healthy exercise not of the body only, but of the senses and the mind. The predecessors of your present Council justly congratulated you on the possession of an unrivalled giraffe on the last anniversary. A few days afterwards a sudden attack carried him off, leaving a blank not easily supplied.

“During the year fifteen new members and seven subscribers have been enrolled in the Society as follows:

“Life Members—

John Casement, Esq.

Sir George Simpson

C. F. Staunton, Esq.

Lord Lurgan.

} in consideration of Donations.

“Ordinary Members—Richard Dowden, Esq., Lady Kinnaird, Lord William Fitzgerald, Professor Melville, Gilbert Burns, Esq., Henry Todd, Esq., William Elliott, Esq., James Hughes, Esq., John G. Rathbourne, Esq., Coote Alexander Carroll, Esq., Sir William Light.

“Subscribers—Charles Fox, Esq., Robert Barclay Johnston, Esq., Michael Farrell, Esq., Captain Charles H. Fenton, Reverend C. Hart, Reverend R. Sadlier, John O’Shaughnessy, Esq.

“Among the members deceased during the year were two of your Council. The late Richard Carmichael and William Cooke Taylor, LL.D. ; both losses were deeply felt by the Council.

“Surgeon Carmichael (an original member of the Society) though not directly engaged in ordinary zoological pursuits, was eminently acquainted with some of the more abstruse and more valuable branches of animal physiology. His was a European celebrity, which to dwell on your Council feel would be only to recount the merits of one whose deeds are personally known to most, publicly known to all of you. A very short time before his death he expressed his intention of being more actively engaged in the service of the Society than he had been before.

“Dr. Cooke Taylor, a man of wonderful general information, contemplated aiding the Society with his versatile pen. Had he lived he, no doubt, would have done much to make popular the objects of the Society.

INCOME—YEAR ENDING MAY 2ND, 1850.

ADMISSIONS TO THE GARDENS THIS YEAR.

				£	s.	d.	£	s.	d.
Free	...	1,952							
Adults	...	226	at 2/6	£28	5	0			
Do.	...	7,047	at 6d.	176	3	6			
Children	...	58	at 1/3	3	12	6			
Do.	...	1,128	at 3d.	14	2	0			
Soldiers	...	77	at 3d.	0	19	3			
Sundays	...	49,046	at 1d.	204	7	2			
							427	9	5
		59,534							
Schools free		742							
		60,276							
Members’ Subscriptions	...			315	0	0			
Subscribers’ Subscriptions	...			71	0	0			
Admission fees	...			13	0	0			
Donation	...			0	10	0			
Animals sold	...			20	0	0			

	£	s.	d.	£	s.	d.
Forward ... ..				846	19	5
EXPENDITURE.						
Provisions for animals this year ... ..	301	18	0			
Interest on debentures ... ..	13	9	0			
Wages to Superintendent and Workmen ...	208	3	6			
Animals purchased ... ..	5	0	0			
Arrear of printing expenses, including cards, etc., for lectures, to Mr. Porter ...	202	2	0			
Walsh and O'Shaughnessy for printing ...	8	16	8			
Interest paid for loan of money ... ..	16	3	4			
Postage... ..	3	15	3			
Freight of carriage of animals ... ..	16	6	2			
Thatching, painting, repairs to pump, flag for tower, seeds, plants, &c. ... ..	16	12	2½			
Collector's commission on subscriptions ...	5	11	0			
Advertisements ... ..	3	6	0			
Incidentals paid for sundries	£68	17	8			
	24	7	4			
				44	10	4
				845	13	5½
Income exceeds expenditure this year by ... ..				1	5	11½
Due by Society last year ... ..				246	10	7
Balance due by Society last year ... ..				245	4	7½
Amount of Bill due 21st May to Messrs. Boyle, Low, Pim & Coy. ... ..	300	0	0			
Deduct balance in Bank ... ..	54	15	5			
				245	4	7

In the foregoing is an item of £202 for printing; this is now brought into account on settlement with Mr. Porter. It includes the printing of several years—the actual cost this year being only £20 15s. It should be understood, however, that during the period he received subscriptions from members of the Society, included above, and for which he gave credit in his accounts. The actual expenditure this year is not more than £660 for the maintenance of the Society.

#### DONATIONS.

Right Hon. More O'Farrell, two ostriches; Colonel Palliser, black bear; Edward Dycer, Esq., two black bears and racoon; John Motherwell, Esq., kangaroo; Charles F. Staunton, Esq., beaver; William Thompson, Esq., a rodent; Lord Lurgan, three red deer; Sir George Simpson, two Arctic foxes; Dr. Richardson, a Chinese

dog ; Edward Cooper, Esq., a seal ; Abbott Melsopp, Esq., racoon ; Charles Taylor, Esq., South American sheep ; William Anketell, Esq., sea eagle ; Sir. P. Crampton, Bart., golden eagle ; Sir Gerald Aylmer, two golden eagles ; William Andrews, Esq., gannet ; M. J. O'Kelly, Esq., barn owl ; Miss Garratt, two kestrel falcons ; Thomas W. Warren, Esq., *Anguis Fragilis* ; Master Radley, water viper ; Rev. E. F. Day, two Cornish choughs ; John Good, Esq., peacock ; William Donnelly, Esq., peacock ; Dr. Corrigan, three peafowl ; Master Corrigan, Java sparrow ; Mr. Kenny, a turtle dove ; W. H. Hancock, Esq., four turtle doves ; W. H. Wright, Esq., wild goose ; Captain Lindsay, ring-tailed monkey ; R. F. Saunders, ring-tailed monkey ; Miss Lord, ring-tailed monkey ; Captain G. H. Wallace, Patagonian rabbit ; Master Roberts, three rabbits ; Miss Huddart, a fan-tailed pigeon.

## SCHOOLS ADMITTED.

19	children	...	40th Regiment
56	do.	...	Inniskilling Dragoons
54	do.	...	17th Lancers
45	do.	...	43rd Light Infantry
225	do.	...	Blue Coat
69	do.	...	Female Orphan
15	do.	...	Marine School
68	do.	...	Deaf and Dumb
28	do.	...	Saints Michael and John's
9	do.	...	George's Hill Convent
9	do.	...	Eustace Street
18	do.	...	Mercer Street
57	do.	...	Queen Street
70	do.	...	North Dublin Union
<hr/>			
742	do.		

Resolution proposed by Council as follows :—

“That the names of past Presidents of the Society be inserted immediately after that of President in the Council list, and that such persons be considered *ex-officio* members of Council.”

Carried unanimously.

Proposed by Coote Alexander Carroll, Esq., seconded by M. J. O'Kelly, Esq.—

“That the report be received and adopted by the Society.”

Proposed by M. J. O'Kelly, Esq., seconded by T. W. Warren, Esq.—

“That the thanks of the Society be given to the several donors, and to the retiring Officers and Council.”

The Ballot having closed, the following were unanimously elected—

President—Sir Philip Crampton, Bart.

Ex-Presidents—His Grace the Duke of Leinster, His Grace the Archbishop of Dublin, Lieutenant-Colonel Portlock, R.E.

Vice-Presidents—Sir Henry Marsh, Bart., Professor Beatty, D. J. Corrigan, M.D., Alexander H. Haliday, Professor Oldham.

Secretaries—Robert Ball, LL.D., Hans Irvine, M.B.

Treasurer—Thomas Hutton, D.L.

Council—Professor Allman, J. T. Banks, M.D., Lieut.-Colonel Browne, F. W. Burton, Esq., Robert Callwell, Esq., Christopher Fleming, M.D., Professor Harvey, G. W. Hatchell, M.D., G. W. Hemans, Esq., C.E., E. Hutton, M.D.; M. J. O'Kelly, Esq., Jacob Owen, Esq., John Purser, Esq., H. T. Redmond, Esq., T. W. Warren, Esq.

[*The Freeman's Journal*, Wednesday, May 7, 1851].

## ROYAL ZOOLOGICAL SOCIETY.

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THE annual meeting of this Society was held yesterday at Dr. Ball's Rooms, 5, Trinity College, at shortly about two o'clock, the chair was taken by M. J. O'Kelly, Esq.

Dr. Ball read the following Report:—

“The Council of the Royal Zoological Society of Ireland, in compliance with practice, tender their Report on the Society for the past year, the 21st of its existence.

“The Council have to congratulate the Society on its safe passage through many trials during the last few years, when it often seemed a hopeless struggle to preserve it from dissolution; nevertheless the Council, conscious of the high value of so useful an Institution, did persevere and have succeeded. The following statement will show a better prospect for the future than the most sanguine anticipated a short time since.

“The Society, now of full age, with much experience in all its working, enters upon a fresh career with few of the difficulties which attended its outset. The Garden is now in beautiful order, the Houses sufficient for the Society's purpose, the prospect of extended usefulness daily increasing, owing to the extension of railways—the adoption of excursion trains, the doing away of turnpikes on the leading roads, the revival of Zoological taste in England and elsewhere, and generally improved means of the public.

“In October last the Council addressed a circular to the actual members of the Society, stating their condition as to current debts and future prospects. This circular was promptly and generously responded to, and a sum paid in, which at once relieved the Council from the heavy responsibilities it had long endured.

“The Council, grateful for this aid, failed not to continue the strict economy by which alone the Society has hitherto been preserved through difficulty. The result will be manifest on inspection of the annexed abstract of the Treasurer's Account.

“Many unreasonable complaints have been made of the smallness of the Society's collection of animals. It will generally be found that these complaints proceed

from persons who have never contributed to its increase. The fact is, that the collection is large and interesting compared with the narrow income of the Society. This income barely kept the Society alive through those years of distress, when, even had it been larger, the propriety of congregating animals consuming human food may have been questioned. The Council have recently been desirous of increasing the collection, and have made arrangements for doing so, but at present there are no suitable animals in the ordinary market for sale, within a short time the Antwerp, London, and other Zoological Institutions having purchased the entire. The Society and the public may now consider that the foundation of the Institution is so complete, that in future the extent of the collection will be only limited by the pecuniary support the Society receives.

“The Council have pleasure in directing attention to the return of visitors which shows a total of 66,160 persons, a number whose educational recreation furnishes no light claim on those who value the intellectual welfare of their fellows. No Institution in the British Dominions, unsupported by Government grants, ministers so much to the public benefit, either altogether freely, or at a nominal charge. The Council endeavoured to have a course of lectures delivered by eminent members of the Society, but from various causes they were unable to effect a satisfactory arrangement. They, however, hope that their endeavour will secure a brilliant course next winter. The Council are happy to say that a large number of the Corporation were enrolled in the lists of the Society, that the losses by death, resignation, or removal for non-payment of subscription have been comparatively few, while the members who have been enrolled in the Society or rejoined it, have been numerous, as will appear from the annexed return; forty-five members and subscribers have been added to the roll, sixteen have been removed, giving an increase on the year of twenty-nine. Three annual members have compounded for life by paying £8 each.

“It having been represented that the practice of holding a promenade on the 1st of May was inconvenient, owing to the coldness of the weather, it was postponed until the 10th, that day being the anniversary of the foundation of the Society. Several persons having since stated that while the present weather holds, they will not



promise to attend, it has been deemed prudent still further to postpone until more genial temperature gives a promise of success.

“By the abstract of the Treasurer’s Account, it will appear that on the year there was a balance of £294 4s. 0½d. in favour of the Society. This being diminished by £245 4s. 7½d., the balance against the Society last year, leaves £48 19s. 5d. now in its favour in the general account, a small sum certainly, but one likely to be rapidly increased by the usual influx of visitors at this period of the year and by the proceeds of the intended promenade.

“The liabilities of the Society are very small, excluding the remains of the original debenture debt. The interest on this has in most cases been kept down by giving credit to the holders for their subscriptions; those debentures have been surrendered as donations to the Society, and one given in exchange for life membership.

“The following Statement of Accounts was then read:—

INCOME FOR THE YEAR.

	£	s.	d.
Visitors' Admissions	418	15	1
Admission Fees New Members	31	0	0
Annual Subscription Members	241	0	0
Annual Subscribers	31	0	0
Animals Sold	25	13	0
Admittance to Giraffe House	10	13	5
Donations	237	11	0
<b>Total Income</b>	<b>£995</b>	<b>12</b>	<b>6</b>

EXPENDITURE.

	£	s.	d.
Interest on Debentures	11	0	0
Provisions	294	1	5½
Wages	208	11	0
Animals Purchased	13	17	0
Incidents	95	19	1
Advertisements, Printing, Postage	41	16	9
Painting, &c.	13	14	0
Freight	5	16	11
Interest to Banker	7	0	7
Poles, Chairs, &c.	9	11	8
<b>Total Expenditure</b>	<b>£701</b>	<b>8</b>	<b>5½</b>

Balance in favour on the year	£294	4	0½
Sum against Society last year	245	4	7½
<b>Balance in favour of Society on General Account</b>	<b>£48</b>	<b>19</b>	<b>5</b>

## ADMISSIONS TO GARDEN.

Members free	...	...	...	1,531
„ at 1s. 0d.	...	...	...	17
„ at 6d.	...	...	...	6,836
Children at 3d.	...	...	...	1,117
Soldiers, &c.	...	...	...	41
Public at 1d.	...	..	...	55,807
Children of Schools free	...	...	...	811

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Total from 2nd May, 1850, to 1st May, 1851 66,160

“The following donations were received during the past year:—

## DONATIONS.

Ostrich, deposited by His Excellency, the Lord Lieutenant; large monkey, Mr. White; golden eagle, three hawks, and four owls, William M'Dougall; common buzzard, James K. Garrett, Esq.; northern diver, Edward Cooper, Esq.; alligator, William Anderson, Esq.; mastiff dog, M. Molloy, Esq.; two gannets, ringtailed monkey, and badger, Sir P. Crampton, Bart.; two monkeys, two jackals, one fox, one coatimondi, one goat, one Zebu bull, Zoological Society, London; one sparrow-hawk, Dr. Dwyer; four chameleons, Charles Moore, Esq.; two sea eagles, Dr. Beatty; one American fox, John Good, Esq.; otter, Moncliffe Barrington, Esq.; otter, J. Petterick, Esq.; two Chinese geese, A. Rogers, Esq.; raven, Robert Willis, Esq.; two guinea fowl, John King, Esq.; black bear and three racoons, William Verner, Esq.; three rabbits, Thomas Jones, Esq.; two Manx cats, Thomas F. Kelly, Esq.; otter, Captain Colclough; eleven rabbits, Master Ball; two rabbits, Master Hatchell.

“The following Members joined during the past year: John Nugent, M.D.; John Atkinson, M.D.; Samuel H. Hardy, M.D.; Samuel George Wilmot, M.D.; E. H. Bolland, M.D.; Dr. Corbett; Lord Talbot de Malahide; Hans Hamilton Woods, Esq.; Robert Moore, Esq.; Thomas Sheehan, Esq.; John Fry, Esq.; Reverend Ralph Sadlier; Alfred Power, Esq.; A. J. Ferrier, Esq.; Nugent B. Duncan, M.D.; Charles George Fairfield, Esq.; Wyndham Gould, Esq.; Andrew Searle Harte, LL.D.; Rev. Samuel Haughton (rejoined); Francis Codd, Esq. (rejoined); Thomas Vance, Esq.; Thomas M. Brownrigg, Esq.; Alderman Gresham; Alderman Hoyte (rejoined);

Rev. D. Mahony; Right Hon. Baron Lefroy; William Stokes, M.D. (rejoined); John Sweetman, Esq.; William Thornhill, M.B.; William Verner, Esq.; W. Rupert Henn, Esq.; George Studdart, Esq.; Right Hon. Justice Crampton.

Subscribers—Sir William Russell; E. W. Burton, M.D.; John Ribton Garstin, Esq.; Henry Yoe, Esq.; Ronald Macdonnell; Dr. Porter; S. Mackay, Esq.; L. Mooney, Esq.; V. O'Brien O'Connor, Esq.; Captain Dillon; Sir D. J. Dickenson.

Archdeacon Strong moved the adoption of the Report and Statement of Accounts.

Dr. Bolland seconded the motion, which was passed unanimously.

It was resolved that the thanks of the Society be given to the various donors and also to the retiring officers.

The following Council was then elected:—

President—The Marquis of Kildare.

Ex-Presidents—His Grace the Duke of Leinster; His Grace the Archbishop of Dublin; Sir Philip Crampton, Bart.; Lieutenant-Colonel Portlock.

Vice-Presidents—Sir H. Marsh, Bart.; Professor Beatty; D. J. Corrigan, M.D.; John Purser, Esq.; E. Hutton, M.D.

Secretaries—Robert Ball, LL.D.; Hans Irvine, A.M., M.B.

Treasurer—Thomas Hutton, Esq., D.L.

Council—Lord Talbot de Malahide; The Chief Baron; Professor Allman; J. T. Banks, M.D.; Lieut.-Col. Browne; Robert Callwell, Esq.; Sir Thomas Esmonde, Bart.; A. H. Haliday, Esq.; Prof. Harvey, G. W. Hatchell, M.D.; G. W. Hemans, Esq.; B. G. M'Dowell, M.D.; M. J. O'Kelly, Esq.; Jacob Owen, Esq.; T. W. Warren, Esq.

The meeting then separated.



[*Saunders' News-Letter, Wednesday, May 5, 1852*].

## ROYAL ZOOLOGICAL SOCIETY.

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THE annual meeting of this Society was held yesterday in Dr. Ball's rooms, 5 Trinity College.

The Venerable the Archdeacon of Glendalough occupied the chair.

Dr. Ball, one of the Secretaries, read the sub-joined report :—

“At the close of the 22nd year of the existence of the Royal Zoological Society its Council have to report on its progress and prospects.

“It has been usual to urge upon the Society and through it upon the public its value in an educational point of view ; but your Council do not now feel called upon to reiterate the many and sound arguments used by their predecessors, feeling that they can refer to the increased number of visitors in proof that the usefulness of your Institution is being fully established in public estimation.

“The death of Mr. Buckley, your Superintendent, occasioned much regret, and some trouble and expense, he dying of fever of a few days duration and leaving a widow and nine children unprovided for. Your Council caused an address to be circulated to the members of the Society, which was rapidly answered by numerous contributions, amounting in the whole to £161. By the proper application of this sum, which has been placed in the hands of Trustees, it is hoped Mrs. Buckley will be enabled to bring up her children.

“Your Council have again to draw your attention to the kind liberality of the Zoological Society of London, who have lent or given to you some of the most interesting animals in the collection.

“The purchases of animals during the past year have been very small, not merely from a desire of economy, but from the absolute impracticability of getting suitable specimens at such fair cost as would render purchases prudent.

“Your Council effected an arrangement with the

managers of the Kaffir Exhibition, which appeared to afford much gratification to the members of the Society who visited the garden at the time, but it was not of pecuniary advantage.

“Your Council have paid much attention to the restoration of the houses, and the improvement of the Garden ; and they earnestly request the members of the Society to visit the work and judge for themselves of the extent of improvement they have effected. At the same time they would urge upon the public that here is a garden possessed of great natural beauty, in excellent order, proved by accurate statistics to be pre-eminently healthy, having had many thousand pounds expended on it, regulated by 22 years’ experience, affording rational and instructive recreation to almost 100,000 persons in the year, ministering to the protection of the arts and sciences, and yet receiving but very feeble aid from the wealthy and independent. Upon their support the extent of the collection depends, and none should presume to deprecate it until they have contributed somewhat to its increase. Though the collection may be considered small, as attached to a Royal and National Society and as scattered over so large a space as your Garden, yet it holds a respectable position as a menagerie, and it contains many interesting animals, in excellent condition, affording much instruction.

“It will be seen by the return of admissions that the numbers admitted free, or at a merely nominal rate, are very large ; and it is not sanguine to expect that there will be this year a large increase of visitors, owing to the improved condition of the country, the increased influx of visitors by railway, and the discontinuance of the toll gates on the leading roads, as well as the increasing spread of knowledge. Your Council hope that the difficulties of the Society have passed and that though its progress may be slow it is certain, and would be rapid were its members earnestly to apply themselves to recruit its numbers.

“Your Council deeply deplore the loss Zoological Science in this country has sustained in the death of William Thompson, of Belfast, some time a member of this Society ; honourable, industrious, and single-minded, he devoted his life to the Natural History of Ireland, and pre-eminently encouraged others in similar pursuits.

“Your Council have also to regret the still more recent loss of the amiable Leland Crosthwaite. Connected with the Society as one of its oldest members, he had served upon various Councils, and evidenced his high value for the Society by many and large pecuniary contributions.”

STATEMENT OF ACCOUNTS FOR THE YEAR ENDING  
MAY 3RD, 1852.

INCOME.

Admissions to Garden :—

2,240 Members and Friends free					
300 at 2s. 6d.	...	...	...	£37	15 0
38 at 1s. 3d.	...	...	...	2	7 6
2,165 at 1s. 0s.	...	...	...	108	5 0
6,297 at 0s. 6d.	...	...	...	157	8 6
1,146 at 0s. 3d.	...	...	...	14	6 6
79,808 at 0s. 1d.	...	...	...	332	19 0
					<u>£653 1 6</u>
91,994					
Members' and Subscribers' Subscriptions				230	13 0
Donations	...	...	...	50	4 0
Sundries	...	...	...	6	2 9
					<u>£940 1 3</u>
					<u>£940 1 3</u>

EXPENDITURE.

Paid for purchase and carriage of animals, &c.	...	...	...	...	£56 17 0
Kaffir Exhibition	...	...	...	...	139 14 2
Wire work and painting	...	...	...	...	24 7 4
Postage and advertisements	...	...	...	...	9 9 7
Building and incidentals	...	...	...	...	106 16 9
Provisions for animals	...	...	...	...	329 4 5
Salaries and Wages	...	...	...	...	229 4 4
Debenture Accounts	...	...	...	...	95 10 0
					<u>£991 3 7</u>
					<u>£991 3 7</u>
Balance against Society on year	...	...	...	...	£51 2 4
Balance in favour on last Account	...	...	...	...	48 19 5
					<u>£2 2 11</u>
					<u>£2 2 11</u>

DONATIONS.

A pair of ostriches, presented by His Excellency the Earl of Clarendon; two ravens, hooded curious owls, &c., by W. M'Dougall, Esq.; a Syrian goat, by Mr. Alley; three rabbits, by Mr. Cusack; a Muscovy duck by Mrs. Warren; an owl, by Mr. Cobb; a pair of Esquimeaux dogs, by Captain Kellett, R.N.; a jaguar, puma, wolf,

jackal, gannet, two coatimundis, two Cashmere goats, a razor-billed currapoa, pheasant, American ducks, doves, and a jungle cock, presented by the Zoological Society of London; three jerboas, presented by Dr. Charles Moore; an owl and falcon, by Mr. Garnett; a chameleon, by Miss Bate; a stoat and hedgehog, by Mrs. Bolland; a pair of moor buzzards, a wolf, by James Hartley, Esq.; a snake, by Sir J. K. James, Bart.; a perigrine falcon, by W. Johnston, Esq.; a wigeon, by Mr. O'Kelly; and Russian rabbits, by Mr. Gregg.

Mr. Robert Callwell moved the adoption of the Report.

Mr. T. W. Warren seconded the motion and it was agreed to.

Members and Subscribers who joined the Society during the year:—

Members—Bent Ball, William Brophy, Cusac P. Roney, Charles S. Smyth and Richard Maunders, Esqrs.

Subscribers—Richard Davis Webb and Nicholas Walsh, Esqs.

On the motion of Dr. Hatchell the thanks of the meeting were passed to the donors of the Society.

The following officers and Council were unanimously elected for the ensuing year:—

President—The Marquis of Kildare.

Ex-Presidents—His Grace the Duke of Leinster, His Grace the Archbishop of Dublin, Sir Philip Crampton, Bart.; Lieutenant-Colonel Portlock.

Vice-Presidents—Lord Talbot de Malahide, The Right Hon. the Chief Baron, D. J. Corrigan, M.D.; John Purser, Esq., E. Hutton, M.D.

Secretaries—Robert Ball, LL.D.; Hans Irvine, A.M., M.B.

Treasurer—Thomas Hutton, Esq., D.L.

Council—Professor Allman, Professor Beatty, Francis W. Brady, Esq., Lieutenant-Colonel Browne, Robert Callwell Esq., Professor Harvey, G. W. Hatchell, M.D., G. W. Hemans, Esq., Sir Henry Marsh, Bart.; Robert H. Moore, M.D., B. G. M'Dowell, M.D., M. J. O'Kelly, Esq., Jacob Owen, Esq., Walter Sweetman, Esq., T. W. Warren, Esq.

The meeting then separated.



[*Saunders' News-Letter, Wednesday, May 11th, 1853*].

## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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THE annual meeting of this Society was held yesterday in Dr. Ball's room, 5, Trinity College. The chair was taken by Dr. Croker.

Dr. Ball read the following Report and Statement of Accounts, which were unanimously adopted:—

“The Council of the Royal Zoological Society have, in accordance with the usual practice, to report on the state of the Society during the past year. They have followed the judicious course adopted by the Councils of the last few years, avoided debt, and endeavoured to make the Society as generally useful as the means placed at their disposal would admit. They have constantly borne in mind how much difficulty resulted to the Society in its earlier days from the expenditure of money on the faith that promised subscriptions would be paid up or that large outlay would produce adequate return; but the experience of 22 years has clearly shown that the existence of the Society depends upon its not going beyond its means.

“The accompanying returns will show that steady progress has been made, and the great objects of the Society—rational recreation and instruction, have been well carried out, a result of much higher importance than many who do not reflect on the working of the Society imagine.

“The Gardens and grounds have been so much improved as to call for the admiration of visitors who have recently seen them.

“The collection during the year has tolerably maintained its state, the losses and acquisitions being nearly balanced. It contains many very fine specimens, but scattered as they are through the Garden, it appears small, and there is room and accommodation for a much larger collection, and for its increase considerable exertion is being made, in the full hope that the public will provide the necessary funds to enable the Council to purchase. It should constantly be recollected that the

Society has passed through years of extensive distress and trial ; that it now occupies a position gained by large expenditure of time, thought, and money, that it ministers to the enjoyment and improvement of a very large number of people at a nominal rate, or altogether free admission ; that it possesses a singularly beautiful Garden furnished with adequate houses, &c., and that by its services rendered, it has a fair claim to share in the general prosperity which now appears to dawn on this country.

“ The Society has continued to experience the kindness of the London Zoological Society in the grant of animals and loan of a remarkably fine condor, which, with four other species of vulture, form a fine feature in the collection.

“ It is stated that in the coming summer a collection of reptiles may be formed, members could assist in this by asking their friends in foreign countries to send home specimens, which, for the most part, will come safely if put in a box having a few air-holes, and placed in the hold of a ship where they may not be subject to much change of temperature. The reptiles may be appropriately managed in a house which is now in course of construction for the reception of the finest skeleton of Plesiosaurus known. It was presented by the Marquess of Normanby to Sir Philip Crampton, who has kindly placed it at the disposal of the Society for exhibition. This most interesting relic of one of ‘ the great Sea Dragons ’ of the ancient world, will, no doubt, prove eminently attractive, not only to the citizens of Dublin, but to the many scientific and other visitors likely to visit this city during the next few months. its size is so great that the Council felt obliged to construct a special building of 36 feet long for its due exhibition. The building will be soon completed, and the skeleton and illustrative specimens prepared for inspection in it.

“ Some measures have been taken towards providing an Aquatic Vivarium, a matter of much interest but not easily accomplished, owing to the large supply of good water, soft and fresh, required. It seems difficult to foretell the effect of the great Exhibition on the society, it doubtless will lead to the Garden being visited by many strangers and non-residents, and it is hoped that many of the nobility and gentry may thus be led to aid the Society.

The Council would therefore urge on the members to exert themselves in this direction, and endeavour to influence their friends to join.

“The only Zoological novelty that it appears necessary to notice is the breeding of marmosets in the Garden; probably from the cold being severe at the time they were produced, they did not long survive their birth.

INCOME FOR THE YEAR ENDED 2ND MAY, 1853.

2,156 members and friends free			
821 children of Regimental and Charity Schools free			
594 at 2/6 each on promenade day ..	£74	5	0
52 at 1/3, children on promenade day ...	3	5	0
7,832 at 6d. ordinary admission week days	195	16	0
1,225 at 3d., children, admission week days	15	6	3
25 at 3d., soldiers, admission week days	0	5	9
65,346 at 1d. admission after 2 o'clock on Sundays ... ..	272	5	6
			£561 3 6
78,051 total admissions			
Members' and subscribers' subscriptions and entrance fees ... ..	£231	1	0
Animals sold ... ..	13	0	0
Admission to Giraffe House ... ..	8	2	6
			252 3 6
Total income ... ..			£813 7 0
EXPENDITURE.			
Purchase of animals ... ..	£14	5	6
Food for animals ... ..	307	13	1½
Incidental Expenses ... ..	153	3	7½
Salaries and wages ... ..	203	5	4
Buildings ... ..	77	5	9
Debenture and interest given in lieu of subscriptions ... ..	38	0	0
Total Expenditure ... ..			793 13 4
			19 13 8
Less Balance against Society last year ... ..			1 13 0
In favour of the Society this year ... ..			£18 0 8

MEMBERS ADDED TO THE SOCIETY DURING THE YEAR.

Michael Power, Esq., rejoined; James Cusack, jun., M.D.; Joseph J. Stephens, Esq.; John Jameson, Esq.; Adam Findlater, Esq.; Daniel Kinahan, Esq.; The Right Hon. John Wynne; Samuel Gordon, M.D.; William F. Lacy, Esq., life; Mr. H. Harrison, life; George Godfrey Place, Esq., life; C. W. Domville, Esq.; John Edward Walshe, Esq.; Richard Hayes, Esq.; George Mitchell,

Esq.; Edward Wright, Esq., LL.D.; Edward Geale, Esq.; George Kennedy, Esq., M.D.

Subscribers—William Bigger, Esq.; ——— Berry, Esq.

Donations—Two ravens, by G. W. Williams, Esq.; a rare goat, three ruffs, and the loan of a condor, by the Zoological Society, London; sea eagle, by ——— Roderick, Esq.; a pair of pea fowl and a pair of guinea fowl, by Captain Parker; a sulphur-crested cockatoo, by G. Thomas Whelan; a white hare, by W. C. Martin, Esq.; two kestrels and three quails, by Dr. Royce; ten rabbits, by Major Fairfield; a very fine wild boar, by William Gregory, Esq.; a Muscovy drake, by Sir Philip Crampton; a cock, by Master Davy; a pair of golden pheasants, by Thomas W. Brady; a Hong Kong goose, by Sir Robert Kane; four shell drakes, two hook bills, and six other ducks, by C. W. Domville, Esq.; three pea fowl, by Sir George Hodson; two doves and three wood pigeons, by Captain Willis; a golden eagle, by Lord John Brown; a dormouse, by J. Cusack, M.D.; a very large mastiff, by Lord Gormanstown; a hare, by G. Hone, Esq.; a pair of squatics, by Captain Harnett.

A vote of thanks having been passed to the outgoing Council, the chairman left the chair and the meeting separated.

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A ballot which closed at 4 o'clock having taken place for the Officers and Council for the ensuing year, the following is the result:—

President—Sir Philip Crampton, Bart.

Ex-Presidents—His Grace the Duke of Leinster, His Grace the Archbishop of Dublin, Lieutenant-Colonel Portlock, and the Marquis of Kildare.

Vice-Presidents—Lord Talbot de Malahide, the Right Hon. the Chief Baron, Sir Henry Marsh, Bart., D. J. Corrigan, M.D., and Professor Allman.

Secretaries—Robert Ball, LL.D., and Hans Irvine, M.B.

Treasurer—Thomas Hutton, Esq., D.L.

Council—Professor Beatty; F. W. Brady, Esq.; Lieut.-Col. Brown; Robert Callwell, Esq.; W. C. Domville, Esq.; Samuel Gordon, M.D.; G. W. Hatchell, Esq.; E. Hutton, M.D.; J. E. Martin, Esq.; Robert H. Moore, Esq.; B. J. M'Dowell, M.D.; M. J. O'Kelly, Esq.; J. Owen, Esq., John Purser, Esq., and T. W. Warren, Esq.

A vote of thanks having been passed to the outgoing Council the meeting separated.

# ROYAL ZOOLOGICAL SOCIETY.

## REPORT OF COUNCIL, 1854.

THE Council, in presenting the Twenty-Second Annual Report, have to congratulate the Society on progress made during the past year.

In common with many other Institutions, your Society shared the advantages arising from the influx of strangers brought hither, by the enterprise of Mr. Dargan, to visit the Great Exhibition. The accession of funds thus acquired enabled the Council to effect many improvements and works much wanted. They have permanently rebuilt the stables, sheds, and offices, originally temporary structures, but long since in a state of decay. They have built a house for the display of aquatic animals, and have had a forcing pump, tanks, pipes, &c., fitted for a due supply of water to this interesting addition, as well as for supplying water to the two other principal houses. They have also erected a horizontal windmill, with the view of ærating the water in the several fish tanks, fifteen of which, it is hoped, will be in action within the next few days.\*

Dog kennels have been constructed for experiments in the restoration of the ancient Irish wolf dog, and for the more extensive breeding of dogs, a considerable demand existing for blood-hound and other pups, and much profit to the funds of the Society thence resulting.

The Garden has been top-dressed, the fallen and decayed timber taken away, and the whole very greatly improved.

No important losses have been sustained, or additions made in the collection; the value on the whole, however, is slightly increased.

The most interesting animals added, are a pair of Guanacos and a Mouflon, supposed by some naturalists to be the original of all the domestic varieties of sheep, from which it is distinguished by its goat-like hair, enormous horns, and restless activity.

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\* The tanks have since been completed, and a plan of ærating the water adopted, which has proved very successful.

The President's unrivalled skeleton of *Plesiosaurus* has continued to attract much attention, and is in itself more than sufficient to repay the trouble of a visit. The tent-like house in which it is exhibited, has, as was expected, stood the winter without injury, and is recommended as an example of an economical and useful structure.

Pending the acquisition of an Elephant, the Parrots have been placed in the Elephant house, where they may now be seen without the annoyance sometimes complained of in their former locality. The Monkey house, where the large cage, hitherto occupied by Macaws and Cockatoos, is being fitted up for the prehensile tailed Monkeys of America.

The most important event of the year has been the prospect opened up of Government aid, long anxiously sought for. This aid is not alone valuable in a pecuniary point, but much more so in its recognition of Zoology, as worthy of public support, and in its affording to doubting members that security for the permanence of the Society which it hitherto wanted, and which, having obtained, it is trusted will induce many to join, and those who have fallen off to rejoin, the Society.

With the view of obtaining the grant referred to, the Council addressed the following memorial to His Excellency, the Lord Lieutenant, by whom it was favourably received:—

“ May it please your Excellency,

“ We, the President and Council of the Royal Zoological Society of Ireland, entreat your Excellency's consideration of the following Statement and compliance with the subjoined prayer.

“ The Society, instituted in 1831, for the cultivation of Zoological Science, has, under many and great difficulties, continued to fulfil the object of the Institution, but this result has been mainly due to the energy and perseverance of a few individuals, who have continued their exertion in the full belief that the time was coming when the Institution must receive the full recognition of the State. As a source of public educational recreation, a necessary to the full development of the fine arts, an essential to a most important branch of natural science,

and a public good too important to be left solely dependent on voluntary exertion.

“We now believe that the time has arrived.

“We presume that the working of the Society is already so sufficiently known to your Excellency, that our entering into detail on the subject is unnecessary, but we venture to urge, as special grounds of consideration :

1st—That we have laboured assiduously to show the value and object of Zoological science, by various courses of lectures, in which we have been aided by many eminent men of different professions, who have zealously and gratuitously assisted us; that these courses created more interest, and were attended by larger classes than were hitherto seen in Dublin; and thus, that we prepared the way for the reception of Zoology as a branch of scientific education, and accordingly it has since taken its place, with Botany, in the courses of instruction laid down by the educational institutions more immediately connected with the Government.

2nd—That we have freely afforded every facility to artists and students in painting and sculpture, have given premiums for successful efforts therein, and that we have promoted anatomical knowledge, so essential to scientific progress in the schools of medicine.

3rd—And above all, that we have afforded to the working classes a most attractive place of rational recreation, one of which they fully avail themselves, and in which they manifest a conduct so decorous as to claim still further indulgence—upon this we chiefly found our claim to public consideration.

It is obvious that, at the nominal rate of one penny charged for the principal number of admissions, the Institution cannot be self-supporting; it must, therefore, in part depend upon voluntary contributions. These are quite too uncertain and always too small, properly to supply the wants of the Society, while the obtaining of any large amount of annual subscriptions is hopeless, co-existent with so low a rate of admission, as the advantages offered by subscribers to the Society is thus reduced in value, to those who look for an equivalent for their subscriptions. The Society realizes the benefits eloquently urged on various occasions by the late Sir Robert Peel, Mr. Hume, Mr. Ewart, and other friends to the instruc-

tive recreation of the people, and we have had repeated opportunities of having the opinion of men of great attainments, deeply interested in the welfare of the working classes, and well acquainted with their ordinary habits; these eminent persons have uniformly testified to their high estimation of the valuable consequences evidently resulting from opening the Gardens on Sunday after divine service, and when they have seen them crowded by people bearing the marks of weekly toil, going about in families, enjoying healthful and reflective recreation, instructing and being instructed, they have said, but for this garden these people would too, probably, be in places destructive to mental and bodily health, incapacitating themselves for fulfilling their duties; while here they are provided with a resource from which they go home refreshed, and with quiet minds, fitting them to work happily for the next week at their several occupations. We, therefore, believe that we cannot overestimate the value of this particular portion of the working of the Society. We enclose for your Excellency's information a copy of a Report of the Council in 1847, which exemplifies much of the foregoing, also a summary of the admissions, receipts, and expenditure of the Society since its foundation; and, finally, on the part of the Society we submit this, our humble petition, that your Excellency will be pleased to recommend to Her Majesty's Government that an annual grant of such sum as may appear proper, be made in aid of the funds of the Society, on the special public grounds we have herein shown."

To the foregoing no official reply has yet been made; but in the published Minutes of the Royal Dublin Society there appears the following extract from a Minute of the Board of Trade, dated 11th April, 1854:—

"My Lords will recommend that an aid, probably to the extent of £500\* be given to the Gardens of the Zoological Society, through the agency of the Royal Dublin Society, if that body will accept the trust. Though their Lordships would take guarantees that in return for this sum the public should have adequate facilities offered for their admission, either gratuitously or on very low terms, on certain days of the week; still

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\* The Grant of £500 for the current year has subsequently been made.



the sum in aid is not to be considered as in any way dispensing with the separate existence of the Zoological Society: but it would imply that this Society should send its accounts for audit, and report its proceedings to Parliament through the Royal Dublin Society. Any privileges which the latter might receive from the Zoological Society for undertaking this duty may be made a matter of joint arrangement between the two Societies, or, if preferred, will be hereafter decided by this Board,"

From which it appears to be the intention to endow the Royal Zoological Society with £500 per annum. The Council having maturely considered the proposition, as here set forth, consider that the intention of Government can be met, so far as the security of the Society will admit, by the adoption of the following:—That the Royal Zoological Society, with the view of having itself represented in the Council of the Royal Dublin Society, shall elect from that Council two of its members, being members of the Royal Zoological Society, to be also members of the Council of the Royal Zoological Society; but as it is obvious that an extension of the privileges of the Royal Zoological Society to all the members of the Royal Dublin Society, would at once cut off a large portion of the income of the Society, and thus negative the object of Government, it is proposed that the following advantages be offered in lieu, viz.—that those members who are not already members of the Royal Zoological Society, be admissible without entrance fees, being enrolled as annual members on payment of £1, and as life on payment £7. It is proposed, for the benefit of working people, to open the doors on week-days in the summer months after six o'clock for one penny, in addition to the penny admission on Sundays after two o'clock, and to admit free the students in the School of Design, who shall be certified by the master as engaged in such studies as would render their admission advisable.

The children of all charity schools are at present admissible without charge under certain regulations, and other measures are under consideration with a view to give increased facilities to the public; but free admission generally on certain days it is feared would be incompatible with payment on other days.

The Council having been repeatedly applied to on the

subject of extending the privileges given to members and their wives, to their governesses or other female inmates of their houses, with the view of enabling them to send their children more frequently to the Gardens, the Council have devised a card, which being properly filled up by members whose subscriptions have been paid for the current year, will effect the desired object. Applications to be made for these cards to the Secretaries.

The Council call particular attention to the number of visitors shewn in the annexed table, and especially to those admitted without charge.

## ACCOUNTS FOR 1854.

## CHARGE.

Admission.					
2,087	Free Members.				
266	at 2s. 6d.	...	£33	5	0
40	„ 1s. 3d.	...	2	10	0
21,196	„ 0s. 6d.	...	529	18	0
2,394	„ 0s. 3d. Children		29	18	6
30	„ 0s. 3d. Soldiers		0	7	6
87,325	„ 0s. 1d. Sunday		363	17	1
					£959 16 1
1,900	Charity Schools				
Total, 115,238					
	Subscriptions	...	250	0	0
	Admission Fees	...	5	0	0
	Animals Sold	..	28	0	0
					1,242 16 1
	DISCHARGE.				
	Incidental Expenses	...	£187	16	11½
	Provisions for Animals	...	361	11	7
	Wages and Salaries	...	222	16	9
	Interest on Loan	..	17	0	0
	Animals Purchased	...	162	1	6
	Expenses on Buildings	...	132	8	9
					1,083 15 6½
	In favour of the Society this year	..	159	0	6½
	Balance to Credit of Society last year		22	14	8
					£181 15 2½

It should be observed, however, that this Balance will be required to pay for some of the improvements referred to in the Report.

## DONATIONS.

A pair of agouties, Lieutenant Fitzgerald; a land rail, Mr. Blood; five Angora rabbits, J. Bayly, Esq.; a pair of

white rats, C. W. Hamilton, Esq.; three pairs of rabbits, J. Wright, Esq.; golden eagle, W. Donnelly, Esq.; fox, Dr. Hatch; rabbit, Mr. J. Robinson; pair of wolves, J. I. Forrester, Esq.; dusky pacca, Captain Willis; night heron, W. C. Domville, Esq.; white stork, Sir Gerald Aylmer; China drake, fallow deer, C. W. Hamilton, Esq.; green monkey, The Hon. Mrs. Lindsay; sea eagle, William McDougal, Esq.

MEMBERS JOINED LAST YEAR.

Robert John Montgomery, Esq.; Peter LaTouche, Esq.; Maurice Brooks, Esq.; Robert John Kinahan, Esq.; The Earl Dunraven (life); Peter Roe Clarke, Esq.; Charles Bianconi, Esq.; Aquila Smith, M.D. (life); Thomas Rice Henn, Esq.; James Gibson, Esq.; James Martin, Esq.; Edward Wright, LL.D. (an annual member has paid a life subscription).

SUBSCRIBERS.

John Fitzgerald Studdart, Esq.; Miss Elizabeth Johnson.

OFFICERS AND COUNCIL ELECTED 2ND MAY, 1854.

President—Sir Philip Crampton, Bart.

Ex-Presidents—His Grace the Duke of Leinster, His Grace the Archbishop of Dublin, Lieut.-Colonel Portlock, The Marquis of Kildare.

Vice-Presidents—Lord Talbot de Malahide; The Right Honble. The Chief Baron; D. J. Corrigan, M.D.; Lieut.-Colonel Larcom; Richard Griffith, LL.D.

Secretaries—Robert Ball, LL.D.; Hans Irvine, M.B.

Treasurer—Thomas Hutton, Esq., D.L.

Council—Professor Allman; F. W. Brady, Esq.; Lundy E. Foot, Esq.; Robert Callwell, Esq.; W. C. Domville, Esq.; Samuel Gordon, M.D.; G. W. Hatchell, Esq.; E. Hutton, M.D.; Sir H. Marsh, Bart.; J. E. Martin, Esq.; Robert H. Moore, Esq.; B. G. M'Dowell, M.D.; M. J. O'Kelly, Esq.; J. Owen, Esq.; T. W. Warren, Esq.



## ROYAL ZOOLOGICAL SOCIETY.

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### REPORT OF COUNCIL, 1ST MAY, 1855.

THE Council, in presenting the Twenty-third Annual Report to the Society, feel that there has scarcely been one of more importance.

In the Report of last year the Council stated the measures which had been taken with a view to procure the aid of Government to the Society, and the strong hope existing of obtaining the required assistance. This hope has been realized, and the Society has received a grant of £500, paid through the Royal Dublin Society, and the arrangements then referred to, consequent on the suggestions of the Board of Trade, have, on conference with the Royal Dublin Society, been duly ratified, and are here repeated, viz. :—

“That members of the Royal Dublin Society, who are not members of the Royal Zoological Society, be admissible without payment of entrance fees, being enrolled as annual members, on payment of £1, and as life members on payment of £7.”

“That for the benefit of the working people the Garden be open from 1st of May to 1st September at six o'clock in the evening, for one penny, in addition to admission at that rate after two o'clock on Sundays. That students in the School of Design be admitted free, on presenting a certificate from the master of the school, stating that such admission is desirable for the promotion of their studies.”

For several years past attention has been directed to make your grounds serve the purpose of a Winter Garden, and the efforts to do so appeared to be eminently successful, as at Christmas last the general verdant effect was most satisfactory; the subsequent frost destroyed many of the evergreens, but measures have been adopted to supply the losses sustained, and it is expected that the result will in the end be an improvement to the general effect.

The experimental construction of Aquatic Vivaria, for the exhibition of marine and fresh water animals, has

been attended with considerable success; and though some mischief resulted to these structures from the unexampled hard frost, yet the injury then done has been repaired, and the measures taken will insure an exhibition, in the coming season, which must prove eminently attractive and instructive in this department. The system of ærating the water, referred to in the last report, has proved, as expected, very valuable, while its attractive appearance adds interest to the pleasing pictures formed in the tanks, by rock work, plants, and animals.

Another novelty has been introduced. In the large slate tank, mirrors are concealed in the angles next the spectators, and throw light upon the fishes from below and on the rock work with which the tank is lined; the consequence is that the most minute details of the fishes are rendered visible, and at some distance from the tank these animals appear, as it were, to give out light, and thus attract attention where they could not be seen at all under the old construction.

The Council, in the Report of last year, notified that a card had been devised, with the view to comply with the request of many members, that means should be adopted by which the children of their families might be admitted, under the care of governesses or other female residents in their houses; very few of these cards have been applied for, but they may be had on application to the Secretaries.\* The cards are in the following form, which will show the conditions necessary to be complied with:—

ROYAL ZOOLOGICAL SOCIETY OF IRELAND, 1855.

“To meet the wishes of many Members desirous of sending their children to the Gardens, at times when neither these Members nor their Wives can attend, the Council have devised the following plan, viz.:—That each Member shall fill up the return (as below); this being deposited with the Superintendent at the Garden, the party therein mentioned will be permitted to introduce any of the Member’s children whose names shall appear on the Card. The objection hitherto, on the part of the Council, to extend the privilege to Members in this

\* Cards are not available unless subscription be paid for the year. A fresh card required by annual members each year.

respect, has been to avoid the demoralizing effect of children being introduced by Nurses and others into the Garden under false names; and it is hoped the present plan will, with the co-operation of the Members, prevent the evil referred to."

*Signature of Member,*

*Address,*

.....

*Subscription for 1855, paid to.....*

*Signature of Governess or other female inmate of the Member's house to whom he desires that the privilege of introducing his children to the Gardens may be extended.*

.....

---

---

*Names and ages of his Children under 12 years.*

.....

.....

.....

Many persons having expressed anxiety that Lions should be added to the collection, the Council entered into an engagement with an eminent dealer for a pair, said to be taken at Natal, and these fine young animals are now the property of the Society, at a cost of £285. It may be here well to remark that a very erroneous statement has been made, that the feline animals in your Zoological Garden are remarkably short lived. Now the exact reverse is proved to be the fact, by a careful comparison with the returns of many other institutions. None of these excel the Zoological Society in the Phoenix Park in keeping such animals alive, while some fall very short in this respect. In proof of the foregoing, it may be stated that the only large feline animals possessed for a considerable time by the Society are a Leopard, more than ten years in the Garden, and a Jaguar and Puma, about four; all these animals appear now to be in better health than when they were received. It should be recollected that the diminution of animals of this kind in the collection is not to be attributed to death, but to the

refusal of members to pay subscriptions in times of difficulty, through which the then Council struggled with unexampled perseverance. These difficulties not only forbade purchases of new animals, but necessitated the sale of the fine Lioness and Tigress possessed by the Society, and which sale, with the contributions of a few members and the always energetic and gratuitous services of your officers saved it at the time from bankruptcy.

It has been erroneously supposed by some persons that Government having given a grant of £500 a year to the Society, individual aid is the less necessary; now the exact contrary is the fact; for the Government aid will, no doubt, be made dependent on the interest manifested by the public in support of the Society; therefore, at no time is the increase of the number of members' subscriptions more desirable.

The Collection did not experience the extent of loss which may have been expected from the great severity of the last few months, and with the exception of the Lions above referred to, and some fine Parrots, no very important addition has been made; it will be found, however, on inspection that though the Collection is small, it contains a very instructive series of quadrupeds and birds, including a few rare and very excellent specimens, some of which have been twenty years in the Garden, and the collection of fishes, &c., is a new and very interesting feature.

In the early part of the spring some manifestation of thoughtless teasing of animals, and of other mischief having been observed, the Council deemed it right to address a temperate remonstrance to the people, calling on them, as they valued their own characters, to repress conduct so unworthy, the result has been that many persons have exerted themselves to enforce decorum; and the effect has been very obvious in the improved manners of juvenile visitors.

The Council have had aviaries, &c., rebuilt, and have to thank John Martin, Esq., one of their members, for a very large contribution of timber to enable them to do this work in the creditable manner in which it has been executed.

The Council cannot conclude their report without a deep expression of regret at the loss of their much loved



honorary member, the late Professor Edward Forbes, one known wherever zoology is heard of, and one who was not more generally known than affectionately regarded.

They have also to record, with feelings of having lost a friend, the death of James Edward Winterbottom, Esq., an energetic traveller and a liberal donor to this Society, of which he was a life member.

Sir Henry De La Beche too, a member of the Society, and one whose promotion of Natural Science for its own sake, was beyond praise, has passed away—the Council cannot forget the interest he took in the well-being of the Society, and the useful advice he gave at many of the Council's meetings.

To these three eminent persons the Society owed much for the position it obtained in the estimation of the Government authorities, but principally to Professor Forbes who, in his public lecture given here, and on many opportunities held it up as an example to other institutions for its general public usefulness.

TREASURER'S ACCOUNT, YEAR ENDED 1ST MAY, 1855, AND  
RETURN OF ADMISSIONS.

Admissions.	CHARGE.	£	s.	d.	£	s.	d.
Free, ... 2,338							
At 6d. ... 7,330	Receipts at the door ...	565	19	9			
At 3d. ... 1,532	Admission to Giraffe House	1	13	1			
At 2/6 ... 126	Members' Subscriptions ...	187	5	0			
At 1/3 ... 20	Admission Fees ...	3	0	0			
At 1d. 83,181	Government Grant ...	500	0	0			
Schools, free ... 762	Manure, &c. ...	14	13	6			
					1,272	11	4
	DISCHARGE.						
Total ... 95,289	Paid for animals, and carriage of do. ...	244	15	4			
	Provisions for animals ...	400	10	5			
	Incidental expenses ...	96	8	9			
	Interest on Debentures ...	17	0	0			
	Salaries and Wages ...	222	17	5			
	Buildings ...	182	5	11			
					1,163	17	10
	Balance in favour of Society this year		108	13	6		
	Balance in favour of Society last year		181	15	2		
					<u>£290</u>	<u>8</u>	<u>8</u>

Against this balance there is due to-day for the Lions, £285.

There are other liabilities amounting to about £200; though the prospects of the Society are satisfactory, yet the support of members and a perseverance in the practice of economy are essential to its success.

OFFICERS AND COUNCIL ELECTED 1ST MAY, 1855.

President—Lord Talbot de Malahide.

Ex-Presidents—His Grace the Duke of Leinster, His Grace the Archbishop of Dublin, Lieut.-Colonel Portlock, The Marquis of Kildare, Sir Philip Crampton, Bart.

Vice-Presidents—D. J. Corrigan, M.D.; Lieut.-Colonel Larcom; Richard Griffith, LL.D.; E. Hutton, M.D.; Professor Allman.

Secretaries—Robert Ball, LL.D., 3 Granby Row; Hans Irvine, M.B., 1 Rutland Square.

Treasurer—Thomas Hutton, D.L.

Council—Charles Benson, M.D.; F. W. Brady, Esq.; Lundy E. Foot, Esq.; Robert Callwell, Esq.; Samuel Gordon, M.D.; G. W. Hatchell, M.D.; James S. Hughes, M.D.; Sir H. Marsh, Bart.; J. E. Martin, Esq.; Robert H. Moore, Esq.; B. G. M'Dowell, M.D.; M. J. O'Kelly, Esq.; J. Owen, Esq.; Aquilla Smith, M.D.; T. W. Warren, Esq.

[*Saunders' News-Letter, Wednesday, May 7, 1856.*]

## ROYAL ZOOLOGICAL SOCIETY

(TWENTY-FOURTH YEAR).

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THE Anniversary Meeting of the Royal Zoological Society was held in the Royal Dublin Society House, Kildare Street, yesterday.

John G. Rathbourne, Esq., in the Chair.

Dr. Ball read the following Report, which was unanimously adopted:—

“The Council has much satisfaction in reporting to the Society that its progress during the year just terminated has been highly encouraging and satisfactory.

It will be seen by the return appended to the Report that the main object of the Society, viz., the giving of rational recreation to the people, has been attained, 138,290 persons having visited the Gardens last year, being a larger number than has yet been recorded in any like period.

Considerable improvements and additions have been made with a view to the increase of the collection; houses, offices and aviaries have been re-built or repaired, and some new structures have been erected, viz., a new range of cages for the vultures, a commodious house for the parrots, and a reptile house with the necessary heating apparatus. A considerable improvement has been effected in the repository for Carnivora, in which the Lions, etc., are kept; a passage has been formed through it, which will greatly facilitate the progress of visitors, who hitherto suffered inconvenience by having to force their way back through the incoming crowd. They now pass on through an extensive rosary which has just been planted; from this they come upon the

tent house, where is displayed the gigantic skeleton of a Plesiosaurus, and round which has recently been hung a series of instructive diagrams illustrating the classification of animals.

The Council has continued to be successful in the management of Aquatic Vivaria, and a considerable increase in this department is being made. In this the system of æration, here first used, will be further developed, and means are being taken to make the whole both useful and instructive. In addition to the rosary above referred to an extensive fernery has been formed, which, it is hoped, will in coming years afford much gratification. For the greater number of ferns here planted the Society is indebted to the exertions of Professor Melville, by whom they were collected in the County of Galway.

In the last Report it was stated that an endeavour had been made to improve the appearance of the Garden in winter by the plantation of evergreens; the good effects of this measure were apparent in the past winter, and may be expected to manifest themselves still more in future seasons.

The collection, since last Report, has not received any important additions or experienced any serious loss. The Lions which had been purchased at the end of last year have thriven extremely, and are now, for their age, remarkably fine animals.

The conduct of visitors has, on the whole, been commendable, and it is hoped that when they bear in mind that the flowers and animals collected in the Garden are for the public gratification, they will themselves feel it to be their duty and interest to protect them from injury.

#### ADMISSIONS.

Free ...	...	...	...	2,763
do. Schools	...	...	...	1,334
At 2s. 6d.	...	...	...	398
„ 1s. 3d.	...	...	...	28
„ 0s. 6d.	...	...	...	9,277
„ 0s. 3d.	...	...	...	2,138
„ 0s. 1d.	...	...	...	122,356
				<hr/>
		Total	...	138,294

## ACCOUNT FROM 1ST MAY, 1855, TO MAY, 1856.

				CHARGE.		
				£	s.	d.
Admission to Garden	...	...	...	819	19	4
Government Grant	...	...	...	500	0	0
Subscriptions	...	...	...	287	6	0
Manure, etc., Sold	...	...	...	16	3	9
Balance Last Year	...	...	...	290	3	8
				<hr/>		
				£1,913	12	9
				<hr/> <hr/>		
				DISCHARGE.		
				£	s.	d.
Animals Purchased, less £6 (sold)	...	...	...	338	10	5
Provisions	...	...	...	521	18	2 $\frac{3}{4}$
Incidental Expenses	...	...	...	223	9	3
Salaries and Wages	...	...	...	233	4	7
Buildings	...	...	...	387	1	3
Interest on Debentures, etc.	...	...	...	14	0	0
				<hr/>		
				1,718	3	8 $\frac{3}{4}$
				<hr/> <hr/>		
Balance in favour of Society	...	...	...	£195	9	0 $\frac{1}{4}$
				<hr/> <hr/>		

## MEMBERS JOINED DURING THE YEAR.

Charles Kelly, Esq.; Gilbert Sanders, Esq.; Major Ponsonby; Leonard Trant, Esq.; R. P. Allen, Esq., life; J. S. Tweedy, Esq.; Edward Sullivan, Esq.; M. O'Brien, Esq.; John Thunder, Esq.; C. B. Wall, Esq.; Edward Davy, Esq., M.B.; C. A. Bagot, Esq., life; J. H. Smith, Esq.

Thanks were voted to the following gentlemen, from whom donations have been received:—Mr. Moore, Major Bagot, Mr. Molloy, The Hon. Mr. Sugden, Capt. Farrer, Mr. Vernon, Mr. Shea, Dr. Corrigan, Mr. Forbes, Mr. Stronge, Mr. Gaynor, Mr. Daniel, and Mr. Haffield.

The following distinguished individuals were elected honorary members in the room of eminent members deceased:—Prof. Allman, Edinburgh; Prof. Miln Edwards, Paris; Prof. Vrolik, Amsterdam; D. W. Mitchell, Esq., Secretary to the London Zoological Society; Robert Patterson, Esq., of Belfast.

The ballot having closed, the following Council was declared unanimously elected:—

## COUNCIL, 1856-7.

President—Lord Talbot de Malahide.

Ex-Presidents—His Grace The Duke of Leinster; His Grace the Archbishop of Dublin; Lieut.-Col. Portlock; The Marquess of Kildare; Sir Philip Crampton, Bart.

Vice-Presidents—D. J. Corrigan, M.D.; Lieut.-Col. Larcom; E. Hutton, M.D.; Sir Henry Marsh, Bart.; Robert Callwell, Esq.

Secretaries—Robert Ball, LL.D., 3 Granby Row; Hans Irvine, M.B., Rutland Square.

Treasurer—Thomas Hutton, D.L.

Council—Charles Benson, M.D.; F. W. Brady, Esq.; Lieut.-Col. Browne; John Good, Esq.; Samuel Gordon, M.D.; Richard Griffith, LL.D.; G. W. Hatchell, M.D.; James S. Hughes, M.D.; John Lentaigne, Esq.; J. E. Martin, Esq.; Robert H. Moore, Esq.; B. G. M'Dowell, M.D.; M. J. O'Kelly, Esq.; J. Owen, Esq.; T. W. Warren, Esq.

Thanks having been voted to the Dublin Society for the use of its Board Room, the meeting separated,

[*Saunders' News-Letter, Wednesday, May 6th, 1857.*]

## ROYAL ZOOLOGICAL SOCIETY.

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A MEETING of the Zoological Society was held in the Board Room of the Royal Dublin Society, on Tuesday, 5th May.

Dr. Beatty in the chair.

Present—Mr. Warren; Mr. O'Brien; M. Good, Esq.; Charles Toole, Esq.; Robert Moore, Esq., M.D.; —Brooks, Esq.; M. J. O'Kelly, Esq.; Thomas Hutton, D.L.; J. S. Hughes, M.D.; Mr. Porter; Alexander Carte, M.D.; Henry Kennedy, M.D.; John Barker, M.D.; George Garnett, Esq.; Dr. Woodroffe; G. A. Kennedy, M.D.; and the Hon. Secretary, Hans Irvine, M.B.

The following Report was read and unanimously adopted:—

“The Council in presenting this their Twenty-fifth Annual Report, have to deplore the loss which the Society has so recently sustained, and which is still painfully fresh in all our minds. Our late indefatigable Hon. Secretary, Robert Ball, LL.D., has been suddenly removed from our circle by death in the strength and vigour of his manhood and in the full career of his usefulness. He died on the 30th of March last, after an illness of but three days, having just completed his 55th year. For 20 years he had filled the office of Hon. Sec. to this Society, and during the whole of that long period he had laboured gratuitously to promote its welfare and advancement. With him the prosperity of the Zoological Gardens was a personal concern. He devoted to them an amount of constant superintendence and care such as few men would have given, and such as cannot be purchased by money. His motives for this exertion were a pure love of science for its own sake, and a benevolent desire to make that science as available as possible to the widest circle of the public. With this view he was unceasing in his efforts to render the gardens attractive—whether in

the general arrangement and planting of the grounds, in the keeping up of the stock of animals, or in various ingenious methods which he originated for the better display of the animals. We allude now more particularly to the arrangements of the Fish tanks, one of the latest attractions of the Gardens, and which have been considerably improved by him. He was also ever a strenuous advocate for the cheap admission of the public, and took particular delight in witnessing the ordinary conduct of the crowds of visitors from among the working classes admitted on Sunday afternoons at the penny entrance money. Within the last two years this cheap entrance has been further extended to the evenings of week-days during the summer months, and has been found to answer the purpose of its benevolent originator. Up to the last week of his life the Gardens had the benefit of his supervision, and from his sick bed he dictated a last message to the Council. To this Society the loss of a Secretary so eminently endowed by nature, and so untiring in the discharge of his duty, is indeed great; and your Council feel that in having recommended to you to contribute donations towards a testimonial to his memory they have only discharged a public duty. We owe such men debts that no tribute of this kind can adequately repay, but this consideration should not prevent us from doing all in our power to show our appreciation of a character so excellent, and our sympathy with a family deprived of its head at the moment when his care was most needed. A circular letter recommending such testimonial, has been addressed to the members of the Society, and the fund is in course of being collected. The following is a copy of the letter:—

“ Royal Zoological Gardens,

“ Phoenix Park, Dublin.

“ SIR,—At the first Meeting of the Council of the Royal Zoological Society of Ireland, held after the death of their deeply lamented secretary, the late Dr. Ball, it was unanimously resolved that some testimonial should mark their sense of his services and their respect for his memory. This resolution, they feel assured, will be responded to by every member of the Society; all will acknowledge the loss which science and education have



sustained by his death, and will feel deeply for the affliction which has fallen upon his family. The members of the Zoological Society, in common with all who appreciate the study of zoology, must ever gratefully remember Dr. Ball's services during the long period of his secretaryship, extending over twenty years. He gave his services gratuitously to the Society, and bestowed unceasing care and supervision on its collections and its gardens. To his unwearied exertions, through years of difficulty, is mainly due the preservation, and indeed the present existence of the Gardens. They are now in a position of comparative stability. Zoology is recognised by the State as an essential part of popular education, and is encouraged as a study, tending to the cultivation of some of the best feelings of our nature. To attain these ends, Dr. Ball's energies were unwearingly and successfully directed. Amongst his many useful exertions in connection with the Zoological Society, must not be omitted the introduction of penny admissions for the labouring classes, who have thus had placed within their reach an unfailing field of innocent recreation and intellectual gratification. The success and good results of that measure are now generally recognized and held forth as an example for other public institutions in this and other countries. The improvement and enjoyment of the humbler classes were objects ever present to his benevolent mind. Impressed with these considerations the Council of the Zoological Society feel they now only give expression to the universal desire of its members, to mark by some testimonial their sense of the debt due to their late Secretary. The Council, therefore, after much deliberation, beg to submit to the members at large that, in their opinion, the most fitting as well as the most grateful testimonial would be in the form of a fund, to be applied to the education and advancement of his children. Sir Philip Crampton, Dr. Corrigan, Mr. Hutton (treasurer), Professor Harvey, and Mr. Callwell have kindly consented to act as trustees, to whom, or to the Hon. Secretaries or to any member of the Council, you will please to forward your contribution as soon as convenient, as it is desirable that the most eligible mode of investing and applying it should be decided upon with as little delay as possible.—I have the honour to remain, &c.

“HANS IRVINE, M.B.”

“The subject of the future management of the Gardens has engaged the earnest attention of the Council, and as it has appeared to them that it would be unreasonable to expect from any unpaid individual such an amount of personal attention as was freely given by Dr. Ball, they have deemed it expedient to appoint a salaried assistant-secretary, whose duty it shall be to look closely after the details of the Garden management, and to exercise a general superintendence under the advice and direction of the Council. And deeming it also essential to the welfare of the Gardens that no time should be lost in providing such a superintendence, they have temporarily appointed Mr. Joseph Green, assistant secretary, at a salary of £75 per annum. It will be competent to the Society to revise this appointment at a future day, of which due notice shall be given. Several additional improvements have been made at the Gardens during the past year, chiefly in providing better accommodation for the animals. A respectable house has been specially appropriated to the Parrot tribe and newly fitted up; a reptile house has been constructed and supplied with a heating apparatus, which also heats the monkey-house adjoining. The health of the animals in these houses has improved since these changes have been made. Two new Aviaries have been finished, and a third, intended for owls, is in progress of erection. A Fernery has been planted at the lower end of the Gardens, and the ornamental flower garden has been, in several respects, improved. Among the additions made to our stock of mammalia, the most important is a magnificent Bactrian Camel, taken from the Russians on the field of Alma, and presented to the Society by William Carte, Esq., staff assistant surgeon. On the whole, the state of the Gardens during the past year has been satisfactory, and the Council, relying on the favour of the public, look forward with hope to the coming season. But they would press on the members the urgent necessity of their continued support, as the Gardens cannot be kept up without money, and the funds at present are scarcely more than sufficient to maintain the collection we possess and leave but little surplus for the acquisition of novelties. It cannot be too frequently or too strongly urged on the attention of members that the Government grant of £500, which we at present enjoy, is only given in aid of our proper revenue; and far from being intended to check private

contributions is really contingent on them, and is the more likely to be continued to us the more efficiently are we supported by individuals. So long as the Gardens have the favour of the public generally, the Government may consistently patronise them; but should their proper patrons, the public, neglect them, they will soon cease to be supported by a popular Government.

The following were elected for the ensuing year:—

President—Sir Philip Crampton, Bart.

Ex-Presidents—His Grace the Archbishop of Dublin, His Grace the Duke of Leinster, the Marquis of Kildare, Lord Talbot de Malahide, Major-General Portlock.

Vice-Presidents—F. W. Brady, Esq.; D. J. Corrigan, Esq., M.D.; Lieut.-Col. Larcom; Sir H. Marsh, Bart.; Jacob Owen, Esq.

Secretaries—W. H. Harvey, Esq., M.D., and Hans Irvine, Esq., M.B.

Treasurer—Thomas Hutton, Esq., D.L.

Council—William Andrews, Esq.; T. E. Beatty, Esq.; C. Benson, Esq., M.D.; Lieut.-Col. Brown; Robert Callwell, Esq.; John Good, Esq.; S. Gordon, Esq.; G. W. Hatchell, Esq., M.D.; A. H. Halliday, Esq.; E. M'Dowell, Esq., M.D.; R. H. Moore, Esq.; M. J. O'Kelly, Esq., and T. W. Warren, Esq.



1858.

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[NO RECORD.]



## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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THE Annual Meeting of the Royal Zoological Society was held in the Board-room of the Royal Dublin Society on Tuesday, 3rd May, 1859, Doctor Corrigan, Vice-president, in the chair, when the following Report of the Council for the year 1858-9 was read :

The Council of the Royal Zoological Society for the year 1858-9 have now the pleasure of laying before the members the Twenty-seventh Annual Report, and the gratification of stating that the public of all classes continue to appreciate the objects for which the gardens have been established and maintained—instruction and recreation.

In the year ending April 30th, 1857, the gardens were visited by ... ..	122,518 persons
In the year ending April 30th, 1858, by ... ..	136,859 „
In the past year, ending April 30th, 1859, by ... ..	150,113 „
In classifying these numbers we find that there were admitted on members' privilege ... ..	
Admitted free, from children's schools ... ..	3,174
Making in all, free admissions ... ..	1,041
Admitted at the ordinary daily rate of admission, viz., sixpence adults, three pence children ... ..	4,215
Admitted at reduced rate of one penny: on Sundays after two o'clock, and on every week day, in summer months, after six o'clock ... ..	15,691
	130,207

The numbers congregated in the gardens on cheap admission days frequently amounted to upwards of 3,000 persons, and the Council feel the greatest pleasure in being able to state that, in not a single instance during the year has it been necessary to call in the aid of a policeman to preserve order. The Council have withdrawn from the placards in the gardens all threats of penalty or prosecution, and have substituted the following notice, containing merely an appeal to the sense of propriety and good conduct:—*“Please don't tease the animals. Don't break the shrubs, or pluck the flowers; they are all kept here for your gratification and instruc-*

tion." The Council feel the more pleasure in making the announcement, as flower beds and many rare and valuable shrubs have been added to the attractions of the Gardens. Encouraged by this experience, the Council have still further extended the system of cheap admissions; and, in addition to Sundays after two o'clock, and all the principal holidays, the gardens are now open on all week days from five o'clock in the afternoon to dusk, during the summer months, at the low rate of one penny. They have no doubt that the result will be an extension of advantage to the public and to the Gardens. The public will enjoy a free access, and the funds of the Gardens will be increased, for by the accounts which are laid before you, it will be seen that while the sum received within the year at 6d. admission, amounted to £354 14s. 6d., the penny admission brought to our funds the sum of £542 10s. 7d. A statement of the accounts presented by the treasurer will be laid before you. The income from all sources during the past year has been £1,886 19s. 1 $\frac{3}{4}$ d., that of the preceding year, £1,598 1s. 8d., showing an increase on the year ending April 30th, 1859, of £288 17s. 5 $\frac{3}{4}$ d. The expenditure during the past year was £1,955 2s. 3 $\frac{1}{2}$ d., showing an expenditure over income of £68 3s. 1 $\frac{3}{4}$ d. The Council regret that, as appears by the above account, the Society is in debt at the end of this year, to the amount of £68 3s. 1 $\frac{3}{4}$ d. They have, however, within the past year purchased animals to the amount of £376 11s. 3 $\frac{1}{2}$ d., and they have constructed, at a considerable cost, new cages and enclosures. They hope the exertions they have made, and the responsibilities they have incurred in these respects, will obtain a corresponding exertion from the members and from the public for the support of the Gardens. Among the purchases within the past year have been a splendid Bengal tiger, at a cost of £150; a nyl-ghau, for £42; a kangaroo, £20; and at minor prices African sheep and many other smaller animals. The Polar or white bear of the Arctic regions, purchased in the preceding year, continues to be an object of great attraction. Four lion cubs have been bred in the Gardens within the past year, making in all five within two years. Of these, two have been sold for £80, and two, now much grown, are in the Gardens. Other animals have been added by purchase, and 79, as per list subjoined, have been presented to the Gardens. The marine and fresh water aquaria are in perfect order, and continue to



present a successive series of objects of great interest. At the head of the list of donations, and the most valuable, are a lion and two ostriches, presented by Her Majesty. The Council, having heard of the unexpected arrival of some animals as presents to Her Majesty from the Emperor of Morocco, took steps to submit the claims of the Society to Her Majesty's consideration, and Her Majesty was graciously pleased to present to the Society a lion and a pair of ostriches. The lion, the Council regret to say, died almost immediately on its landing. It appeared to have suffered from illness of long duration. The ostriches had also felt the effect of a sea voyage at an unfavourable season of the year, but through the indefatigable care of your Assistant Secretary, and those under him, they are in good health, and are just now throwing out their full plumage. The Council entertain a confident hope that her most gracious Majesty will continue to mark her approval of the management and purposes of the Gardens by occasional donations of animals, as opportunities may present themselves. Your Council here desire to record their thanks to the Right Honorable S. Walpole, Secretary of State, and to the Honorable Sir C. Phipps, Keeper of the Privy Purse, for their prompt and kind attention in bringing the application of Council under Her Majesty's consideration. In one department of natural history, that of water fowl, your Garden would be unrivalled if sufficient protection were afforded; but, as long as only one side of the pond of the Gardens is enclosed, sufficient protection cannot be attained. The unprotected side of the pond permits the escape of water fowl, and leaves them exposed to mischievous persons and to dogs. The Council some years ago made an application, which was unsuccessful, to have the pond enclosed. They entertain, however, a confident hope that on the matter being fully explained and again brought under the notice of His Excellency, and of the authorities having the care of the Phoenix Park, their request may be entertained. The fencing which the Council have in contemplation would be so much below the level of the road to the Viceregal Lodge, and of such a nature that not only the view would not be interfered with, but the beauty of the drive would be increased by the appearance of the varieties of water fowl; while the low rate of admission would present no obstacle to the humblest of the community enjoying both banks of the

pond within the Gardens. Were this proposed improvement carried out, the Gardens would possess almost unequalled capabilities for introducing and multiplying the various kinds of water fowl; and, in an economic point of view, this is a consideration of importance, for water fowl afford a greater variety of food, and at a lower cost than any other species of fowl.

It had been the practice of the Society, for many years, to dispose of the dead animals by purchase. This led in some instances to dissatisfaction, and occasionally, in hot weather, to total loss of the dead animal. The Council have discontinued the practice, and are making such arrangements as they trust will make the dead animals conducive to the advantage of the Museum of Natural History of the Royal Dublin Society, and of the principal Museums of Comparative Anatomy in the city. Within the past year the donations of dead animals to the Museum of the Royal Dublin Society amounted to above a hundred. With the kind attention and supervision of Messrs. Jukes and Sanders, the Council have taken measures to protect, and they hope permanently to preserve, the skeleton of the Plesiosaurus, a specimen of the fossil world unrivalled in size and perfection. This wonderful specimen of a long past age, the Society is aware, was placed in the Gardens by your late lamented president, Sir Philip Crampton, and at his death was presented as a donation by his son, the present Sir John Crampton. It now remains in the Gardens, an object of great interest on its own account, as well as a fitting memorial of our late president—one of the founders of our Gardens, twenty-seven years since. From that period until his death Sir Philip Crampton continued to take the most lively interest in this Society, and in the midst of continued and pressing professional occupation, gave to the Gardens his unwearied attention, enjoying in return, the highest gratification to him, the consciousness that in so doing he was contributing to the extension of knowledge, of kindly feelings, and of intellectual enjoyment among all classes of his fellow-citizens. His name will be long preserved among those most deserving to be remembered for their contributions to science, and their good deeds to society.

Dr. Harvey, Honorary Secretary, then read the following Statement of Accounts:—

STATEMENT OF ACCOUNTS OF THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND FOR THE YEAR ENDING MAY 1, 1859.

		CHARGE.			
Admission to Gardens.					
Members	... 3,174 free.		£	s. d.	£ s. d.
Visitors	... 12,687 at 6d. ...	...	317	3 6	
"	... 3,004 at 3d. ...	...	37	11 0	
"	... 130,207 at 1d. ...	...	542	10 7	
					897 5 1
					<hr/>
	149,072				
Schools & Public Institutions	... 1,041 free.				
					<hr/>
Total admissions	150,113				
Government Grant	... ..	...	500	0 0	
Members' Subscriptions and Admission Fees	... ..	...	262	12 0	
Animals, &c., Sold	... ..	...	64	10 1	
					<hr/>
			1,724	7 2	
Balance in hands last year	... ..	...	162	11 11 <sup>3</sup> / <sub>4</sub>	
Balance due to Treasurer	... ..	...	68	3 1 <sup>3</sup> / <sub>4</sub>	
					<hr/>
			£1,955	2 3 <sup>1</sup> / <sub>2</sub>	
					<hr/> <hr/>

		DISCHARGE.			
			£	s. d.	
Animals Purchased and Cost of Conveyance	... ..	...	376	11 3	
Provisions	... ..	...	573	10 10 <sup>1</sup> / <sub>4</sub>	
Incidental Expenses	... ..	...	235	16 2 <sup>3</sup> / <sub>4</sub>	
Salaries and Wages	... ..	...	369	8 9 <sup>3</sup> / <sub>4</sub>	
Buildings, Plantations, &c.	... ..	...	393	15 2	
Interest on Debentures	... ..	...	6	0 0	
					<hr/>
			£1,955	2 3 <sup>1</sup> / <sub>2</sub>	
					<hr/> <hr/>

OFFICERS AND COUNCIL ELECTED 3RD MAY, 1859.

Patroness—Her Majesty the Queen.

President—D. J. Corrigan, Esq., M.D.

Ex-Presidents—His Grace the Archbishop of Dublin ; His Grace the Duke of Leinster ; the Marquis of Kildare ; Lord Talbot de Malahide ; Major-General Portlock.

Vice-President — C. Benson, Esq., M.D. ; Robert Callwell, Esq., M.R.I.A. ; E. Hutton, Esq., M.D. ; Major-General Larcom ; Sir H. Marsh, Bart.

Secretaries—W. H. Harvey, Esq., M.D. ; Hans Irvine, Esq., M.B.

Treasurer—Thomas Hutton, Esq., D.L.

Council—William Andrews, Esq., M.R.I.A.; Professor Banks; F. W. Brady, Esq.; John Good, Esq.; S. Gordon, Esq., M.B.; G. W. Hatchell, Esq., M.D.; J. S. Hughes, Esq., M.D.; J. Beete Jukes, Esq., F.R.S.; Major Leach, R.E.; John Lentaigne, Esq., D.L.; Professor M'Dowel; R. H. Moore, Esq.; M. J. O'Kelly, Esq.; Gilbert Sanders, Esq., M.R.I.A.; T. W. Warren, Esq.

Assistant Secretary—R. J. Montgomery, Esq.

## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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THE annual meeting of the Royal Zoological Society was held in the Board-room of the Royal Dublin Society on Tuesday, 8th May, 1860, D. J. Corrigan, Esq., M.D., in the chair.

Dr. Harvey read the following report of Council:—

The Council of the Royal Zoological Society for the year 1859-60 in presenting this, the 28th Annual Report, have the pleasure to congratulate the members on the continued efficient state of the Gardens, and on the undiminished interest felt by a large section of the public in the Society's collection of animals.

It will be seen from the abstract of the Treasurer's accounts now laid before you, that the visitors to the Gardens during the year just ended were more numerous by 6,588 than in the previous year, a highly satisfactory result, considering the very inclement winter and spring through which we have just passed. But for the long-continued cold and wet of the last three months the numbers would, doubtless, have been greatly in excess of those of 1859. This is clear by comparing the numbers for February and March with those of April, and observing the very sudden rise within the last month, consequent on improved weather. Thus:—In February the visitors were 3,923; March, 6,409; April, 24,213.

Certainly, there is no diminution in the interest felt by the Society's principal supporters,—those crowds of eager gazers that visit your Gardens at the penny rate on Sunday afternoons and on summer evenings. On one of the few fine Sunday afternoons of last month no less than 6,002 persons were in the Gardens at one time, and during the year the number admitted at the penny rate was 134,926. In 1858-9 the number at the penny rate was 130,207, showing an increase of 4,719 during the year. Thus, more than two-thirds of the whole excess of numbers in the current year consisted of penny admissions. This fact sufficiently proves that the class for whose instruction and healthy recreation the Gardens have been opened at a merely nominal rate, continues to

appreciate the advantages they afford, and thus that one great aim of the Society has been accomplished.

The Council wish that, in turning from the humbler ranks to those who, by wealth and education, are placed above them, they could report with equal truth of increased interest felt, or increased support afforded, by the wealthy classes of our metropolis. But the Treasurer's balance-sheet shows no gratifying evidence under this head. On the contrary, although thirty-seven new members have joined the Society during the financial year, yet so many more of our old members and subscribers have ceased (or omitted) to pay their subscriptions, that the funds received from subscriptions and entrance fees are less by £29 12s. than in the previous year. It is much to be regretted that in a great and wealthy city like Dublin so few from the upper ranks are found willing to contribute an annual pound to an institution that confers on a large number of the poorer classes so much instruction and enjoyment, and that *freely* opens its doors to all public schools and industrial associations. The whole income of the Society last year, from every source, was £1,854 5s. 1½d. Of this sum only £233 accrued from members' subscriptions and entrance fees, while £562 3s. 10d. was received from penny admissions.

Many in the upper ranks probably take little personal interest in your collections, which they rarely visit, and, perhaps, think scarcely worthy of a visit. But whether wealthy citizens of Dublin individually care for the recreation afforded by zoological collections or not, they ought not to be indifferent to an institution that gives pleasure and instruction to 135,000 of the poorer classes of their fellow-citizens, and which only needs augmented funds to become still more attractive than it is, and to open its teaching to a still wider and constantly expanding circle. They ought to remember that heavy *annual* expenses are entailed on the Society in keeping up, as well as in feeding and housing, the collection of animals. Last year's balance-sheet shows an expenditure in 1859-60:—

In purchases of animals and expenses					
of carriage	...	...	...	£363	6 5
In provisions	...	...	...	688	12 6¼
In buildings and repairs, and in garden					
improvements	...	...	...	418	13 5½

And that the whole cost of actual management, that is to say, salaries and wages, was only £352 0s. 9d. At the close of 1858-9 there was a balance of £68 3s. 1 $\frac{1}{4}$ d. against the Society; at the close of the present year the deficiency is £296 0s. 2 $\frac{1}{2}$ d. By the exercise of a watchful economy the Council trust, in the course of the ensuing year, to be enabled to meet this deficiency. But unless more liberally supported by the public they can hardly expect to have the means at their disposal of adding greatly to their collection of animals. Is it too much, then, to hope that the appeal now made to the wealthier classes should result in such an increase of annual members and Garden subscribers as would enable the Society not merely to pay its debts and pay its way, but largely to extend its usefulness?

A new house for the carnivora, capable of properly displaying the fine series of lions, tigers, and leopards now owned by the Society, is very much needed; but its erection has been, year by year, deferred for want of the requisite funds. New cages for some of the larger quadrupeds and birds are also very desirable. The condor, whose outstretched wings measure ten feet, is at present, of necessity, cooped up in a cage of very insufficient size; so that the fine specimen we possess of this noble and costly bird is in danger of suffering in health by his present confinement, and cannot be considered as being adequately housed until a cage of at least four times the dimensions of the present coop be provided.

A list of the animals presented and purchased during the year will accompany this Report. As the most valuable donation of the year, and one of the most valuable ever received by the Society, the Council draws special attention to the presentation by Lieut.-Colonel Montgomery, 14th Bombay Foot, of a magnificent pair of Royal Bengal tigers. These fine animals, sent from India, have recently arrived by long sea, in perfect health and beauty of coat. The expenses of transit have been considerable, and constitute one chief item in the year's deficiency; but the intrinsic value of the animals, and the increased attractions their exhibition affords, amply compensate the Society for their expenses incurred, and leave a large debt of obligation due, on your part, to Colonel Montgomery, for his splendid present. On the safe arrival of the tigers, the Council unanimously elected

Colonel Montgomery a life member of the society; but feeling that life membership, conferred by their vote, would be a very inadequate expression of what is due from the Society, they now propose to you to elect him at this Annual Meeting, and by acclamation, an honorary member.

Other donations, worthy of special notice, are : a pair of bisons, presented by the Marquis of Breadalbane, hon. member, and a jungle bear (*Ursus labiatus*), by Captain Prittie, life member.

Within the year five lion cubs have been born and successfully reared; but the Council regret that the nursing so large a litter has cost the Society the life of the lioness. Her death, and that of the polar bear, are the chief losses of the year.

The fresh water and marine aquaria have been well supplied throughout the year with fishes and invertebrate animals, and continue to be attractive to the public. Many curious marine creatures, which otherwise would be scarcely known to any but the exploring naturalist, are by the aquaria rendered familiar to thousands of delighted visitors. And this part of your collection has the peculiar recommendation of being kept up efficiently at an expenditure very trifling in proportion to the pleasure and instruction it affords.

The ornamental flower-beds and shrubberies have been enlarged and otherwise improved during the year; and when some alterations in contemplation, shall be completed, your Garden, beautiful as it confessedly is, will be still more deserving of praise. To render these improvements practicable, and to give permanence to what has been done, one thing, above all others, seems to be required. This is, the annexation of the further bank of the pond, and the protection of the new frontier by a sufficient fence. At present the unprotected side of the pond, as reported last year, "permits the escape of our waterfowl, and leaves them exposed to mischievous persons and to dogs." It also allows the free ingress of deer from the herd in the park, and exposes the ornamental shrubberies to destruction by these wayward animals. This subject has been repeatedly brought under the notice of the Government, and is still before his Excellency the Lord Lieutenant; and your Council are not without hope that the official difficulties may be



speedily arranged, and the entire pond enclosed within the Garden fence. That such enclosure would not form an unsightly obstruction to the view from the park is now admitted; and that it would enable the Society greatly to increase to the public the attractions of the Gardens, may readily be shown. The grant of the additional ground would, therefore, be a boon fully as great to the public as to the Society. On this subject the Council may be permitted to quote the following extract from a Report drawn up in 1832 by Mr. Decimus Burton, on the first establishment of these Gardens, viz.:

“It will also be obvious, that to render the water of practical benefit to the Society, it should be enclosed within the boundary. The best mode of attaining this object would be for the Society to obtain, if possible, a grant of the opposite bank, extending to the road which leads to the Viceregal Lodge. This also would be desirable on other points. The land on each bank might then be laid out with plantations, walks, and buildings, designed in such manner as mutually to add to the beauty of the views from either side of the lake,—and certainly the general effect of the valley, as seen from the Park, would be greatly improved. Impressed with the idea that one day or other arrangements will be made by which these extensions of the site will take place, I have been induced to prepare the accompanying design (No. 1), in which they are comprised.”—*From Report of DECIMUS BURTON, Esq., Surveyor and Architect, 6, Spring-Gardens, London, October 27th, 1832.*

The Council has to lament the loss of one of its members by death during the year. Mr. Thomas W. Warren, an old member of the Society, and for many years a diligent member of Council—died in November last, bequeathing to the Society a valuable collection of British birds (stuffed). As the formation of a museum of stuffed animals forms no part of the plan of the Society, and as there are no means of exhibiting museum objects at the Gardens, the Council, while accepting the bequest, felt a difficulty in disposing of the collection, so as to carry out the wishes of the donor. On deliberation, they resolved to deposit the specimens in the Royal Dublin Society's Museum, that Society undertaking to receive the collection as a deposit, and to preserve Mr. Warren's name attached to it. This destination appeared to be

recommended by the fact, that Mr. Warren had willed his cabinets of shells to the Dublin Society; and thus, by our placing his birds under the same roof, the whole of Mr. Warren's contributions to the natural history of Ireland would not only be preserved in one place, but would be lodged in the place where they would best be inspected by students, and be most likely to be safely kept in perpetuity.

Dr. Harvey then read the following Statement of Accounts:—

STATEMENT OF ACCOUNTS OF THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND FOR THE YEAR ENDING MAY 1, 1860.

		CHARGE.								
Admission to Gardens.				£	s.	d.	£	s.	d.	
Members	...	4,106	free.							
Visitors	...	312	at 2s.	...	31	4	0			
"	...	89	at 1s. 6d.	...	6	13	6			
"	...	460	at 1s.	...	23	0	0			
"	...	12,232	at 6d.	...	305	16	0			
"	...	3,191	at 3d.	...	39	17	9			
"	...	134,926	at 1d.	...	562	3	10			
								968	15	1
		155,316								
Schools & Public Institutions,		1,385	free.							
Total admissions,	156,701									
Government Grant	...	...	...	...	500	0	0			
Members' Subscriptions and Admission Fees	...	...	...	...	233	0	0			
Animals, &c., Sold	...	...	...	...	152	10	0½			
								1,854	5	1½
Balance due to Treasurer	...	...	...	...	296	0	2½			
								£2,150	5	4
		DISCHARGE.								
				£	s.	d.				
Balance against Society last year	...	...	...	...	68	3	1¾			
Animals Purchased and Cost of Conveyance	...	...	...	...	363	6	5			
Provisions	...	...	...	...	688	12	6¾			
Incidental Expenses	...	...	...	...	253	9	0			
Salaries and Wages	...	...	...	...	352	0	9			
Buildings, Plantations, &c.	...	...	...	...	418	13	5½			
Interest on Debentures	...	...	...	...	6	0	0			
								£2,150	5	4

Dr. Ireland moved, and Mr. James Haughton seconded, the adoption of the report.

Agreed to unanimously.

Dr. Gordon moved a vote of thanks to Thomas Hutton, Esq., late Treasurer of the Society, for the zeal and energy which he had manifested during a quarter of a century in conducting the financial affairs of the Society, not only by his constant attendance, but by those substantial proofs which he had from time to time manifested.

Mr. Callwell seconded the motion, which passed unanimously.

A vote of thanks having been passed to the President, the proceedings terminated.

OFFICERS AND COUNCIL ELECTED 8TH MAY, 1860.

Patroness—Her Majesty the Queen.

President—D. J. Corrigan, Esq., M.D.

Ex-Presidents—His Grace the Archbishop of Dublin; His Grace the Duke of Leinster; The Marquis of Kildare; Lord Talbot de Malahide; Major-General Portlock, R.E.

Vice-Presidents—E. Hutton, Esq., M.D.; Major-General Larcom, R.E.; Sir Henry Marsh, Bart.; Thomas Hutton, Esq., D.L.; G. W. Hatchell, Esq., M.D.

Secretaries—W. H. Harvey, Esq, M.D.; Hans Irvine, Esq., M.B.

Treasurer—Gilbert Sanders, Esq., M.R.I.A.

Council—Professor Banks, M.D.; C. Benson, Esq., M.D.; W. Andrews, Esq., M.R.I.A.; Robert Callwell, Esq., M.R.I.A.; John Good, Esq.; S. Gordon, Esq., M.B.; Rev. Professor Haughton, F.R.S.; J. S. Hughes, Esq., M.D.; Robert M'Donnell, Esq., M.D.; Lieutenant-Colonel Leach, R.E.; John Lentaigne, Esq., D.L.; Professor M'Dowel, M.D.; James Martin, Esq.; J. Beete-Jukes, Esq, F.R.S.; M. J. O'Kelly, Esq.

Assistant Secretary—R. J. Montgomery, Esq.

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The Thirty-first  
ANNUAL REPORT

OF

The Royal Zoological Society

OF IRELAND,

FOR THE YEAR 1862-63.

69.  
11-26.



DUBLIN :  
BROWNE AND NOLAN, PRINTERS,  
NASSAU-STREET.  
1863.



Officers and Council elected 12th May, 1863.

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Patroness.

HER MAJESTY THE QUEEN.

President.

D. J. CORRIGAN, Esq., M.D.

Ex-Presidents.

HIS GRACE THE ARCHBISHOP OF DUBLIN.

HIS GRACE THE DUKE OF LEINSTER.

THE MARQUESS OF KILDARE.

LORD TALBOT DE MALAHIDE.

MAJOR-GENERAL PORTLOCK.

Vice-Presidents.

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CALLWELL, R., M.R.I.A.

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LARCOM, MAJOR-GENERAL SIR THOMAS, K.C.B.

TEMPLETON, R., M.D., DEPUTY INSPECTOR-GENERAL.

Secretaries.

IRVINE, HANS, M.B. | M-DOWELL, PROFESSOR, M.D.

Treasurer.

SANDERS, GILBERT, M.R.I.A.

Council.

BANKS, PROFESSOR, M.D.

BENSON, PROFESSOR, M.D.

BRADY, F. W., Q.C.

CROKER, C.P., M.D.

FOOT, A.W., M.B.

GOOD, JOHN, Esq.

HATCHELL, G.W., M.D.

HAUGHTON, REV. S., M.D., F.R.S.

LE FANU, W. F., C.E.

LENTAIGNE, JOHN, D.L.

LYLE, J. A., Esq.

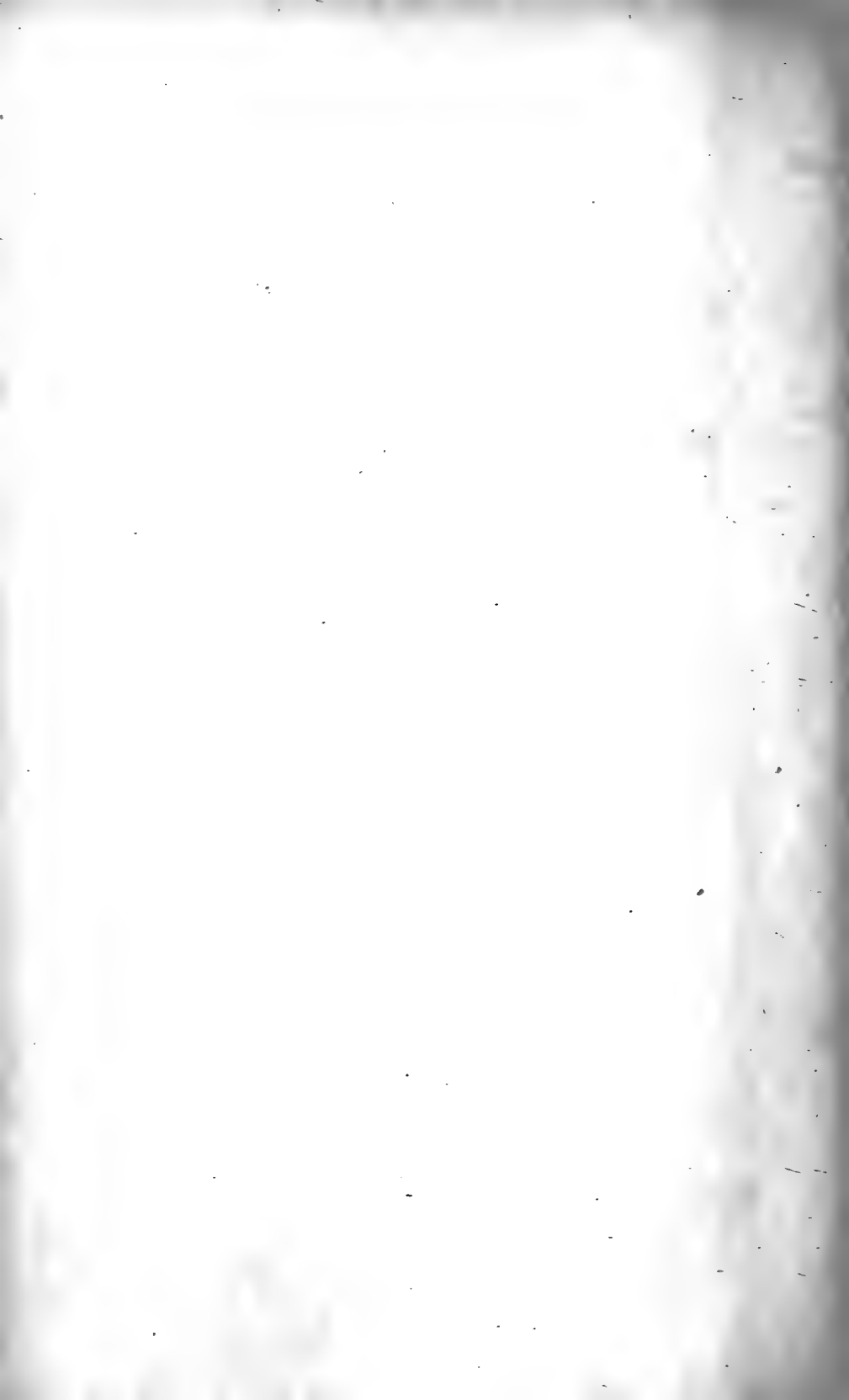
LYONS, ROBERT D., M.D.

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O'KELLY, M. J., Esq.

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# Laws and Regulations

OF

## THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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### CHAPTER I.—THE CONSTITUTION.

1. The Society consists of Ordinary Members and Honorary Members.

2. The Officers shall be chosen from amongst the Ordinary Members, and shall be

A President,  
Five Vice-Presidents,  
Two Secretaries, and  
A Treasurer,

who, together with fifteen other Ordinary Members of the Society, shall constitute the Council.

3. The Officers and Council, for each year, shall be elected at the Annual General Meeting, by the Members of the Society.

4. But in case any Officer, or other Member of the Council, shall die or resign, the Council may appoint a Member to supply his place, until the next Annual Meeting.

### CHAPTER II.—THE MEMBERS.

1. Every person wishing to become a Member of the Society must be proposed in writing to the Council, by one Member, and seconded by another; and upon election and payment of his admission fee, such person shall be a Member of the Society.

2. But he shall not exercise the privileges of a Member until his first year's subscription is paid in advance.

3. The Admission Fee shall be *One Pound*, the Annual Subscription *One Pound*, and the composition for life, in lieu thereof, *Ten Pounds*; but should the Member be also a Member of the

Royal Dublin Society, he is admissible without payment of the admission fee of £1, and may compound for life by payment of £7.

4. The annual subscription shall be due on the first of January in each year, and shall be payable in advance.

5. If the subscription of any Member is not paid within one year after it is due, he shall cease to be a Member until he shall have paid up his arrears.

6. No person becoming a Member after the first day of October in any year shall be liable for the subscription of that year.

7. No person shall exercise the privileges of a Member until he shall have paid his subscription for the current year.

8. Ladies may be admitted as Members upon the same terms, and with the same privileges, as gentlemen.

9. Each Member of the Society shall have privilege of free admission to the Gardens for himself and two companions, and with any number of his children under twelve years of age. Wives of Members have similar privileges in absence of their husbands; and Governesses or other female residents in a Member's house are admitted with his children on having a card properly filled up. Such cards can be supplied by the Secretaries of the Society, on application.

### CHAPTER III.—HONORARY MEMBERS.

1. Distinguished persons may be elected Honorary Members, without annual or other payment, by a vote of the Society, at any of its meetings, upon the previous recommendation of the Council.

2. Honorary Members shall have the same privileges as other Members, except that of voting at the meetings.

3. The number of Honorary Members limited to twenty.

### CHAPTER IV.—THE OFFICERS.

#### *The President.*

1. The President shall preside at all meetings of the Society and Council, when present, and shall generally superintend the affairs of the Society.

2. The same person shall not be President for more than five successive years.

3. Ex-Presidents shall continue to be Honorary Members of Council.

*Vice-Presidents.*

1. Of the five Vice-Presidents, two at least shall go out at each election, but this shall not prevent their continuing Members of the Council in another capacity.

2. The Vice-Presidents shall supply the place of the President in his absence.

*The Secretaries.*

It shall be the duty of the Secretaries to see to the execution of the rules, orders, and directions of the Society and Council.

*The Treasurer.*

No money shall be paid by the Treasurer, except upon the written order of the Council, signed by at least three of its Members.

CHAPTER V.—THE COUNCIL.

1. Three Members shall form a Quorum.

2. The Council shall meet at such times as they shall themselves determine.

3. It shall be the duty of the Council to conduct the business of the Society, subject to the laws and regulations of the Society at large.

4. All questions shall be decided by the majority of voices, and where the numbers are equal the Chairman shall have a casting voice, but he shall not vote except in such case.

5. The Council may summon a meeting of the Society for scientific purposes whenever they think fit, stating the object of such Meeting; and at such Meeting no business but that stated in the notice shall be discussed.

6. At least three of the Council shall go out at each election.

7. No Member of the Society having any contract with the Society or Council for which payment is to be made shall be eligible to a seat in the Council in any capacity; and if the name of any Member of the Society having a contract with the Society, or receiving any fee or emolument from the Society, shall be found in the ballot, that name shall be set aside by the Chairman, notwithstanding any number of votes that may be appended to it; and if any Member or Officer of the Council enter into any contract with the Society, or receive from it any fee, payment, or emolument, his seat shall become, *ipso facto*, vacant in the Council, and the Council shall immediately summon a Meeting of the Society, to elect a Member to the vacant place.

#### CHAPTER VI.—THE ANNUAL MEETING.

The Annual Meeting shall be held on the second Tuesday of May in each year, for the purpose of electing the Council and Officers for the ensuing year, and of hearing the Report of the Council read, and auditing the accounts.

##### *Election of Officers.*

1. The Council for the time being shall annually cause to be prepared a list of persons whom they recommend to be Officers and Council for the ensuing year.

2. The list shall distinguish the three or more Members proposed to be removed, and the three or more proposed to be elected in their room, and it shall be transmitted to each Member residing in Dublin, by post, along with a notice of the time and place of the General Meeting, to be sent at least seven days before the day of Meeting.

3. The chair shall be taken at four o'clock, when the ballot shall commence, and continue open for one hour, at the expiration of which time the Chairman shall proclaim that the time had arrived when the ballot should close, and order the porter not to admit any other Members into the room, and then the Chairman shall call on the Members in the room, who have not

balloted, to come forward and ballot, and the scrutiny shall forthwith take place; and those persons to whose names the greater number of marks shall have been affixed shall be declared duly elected, in the order and places in which they stand, provided at least three new Members be elected, but if not, then those of the proposed Members who have the least number of marks shall be rejected, until at least three former Members are excluded, and their places shall be filled by those who have the next greatest number of marks.

4. If two or more names have the same number of marks, the order of preference shall be decided by lot.

#### *General Business.*

1. No motion respecting a change in the laws or constitution of the Society shall be discussed or voted upon, at the Annual or other Meeting, except as hereafter provided, unless notice thereof be given, in writing, to the Council, at least one month before such Meeting; the Council to give seven days' notice to the Members, as before ordered.

2. But the Council may propose, and bring to the vote, any measure or question, at any of the Meetings of the Society, provided it shall have been under their consideration for at least one month, and that notice thereof be given to the Members in the circular notices of such Meeting, at least seven days previous to the day of Meeting.

#### CHAPTER VII.—THE GARDENS.

1. Any person enrolling his name in a book kept at the gate of the Gardens, and paying One Pound a year, shall be a Subscriber, and shall have the same privileges of ingress to the Gardens as a Member of the Society.

2. The Council shall have the power of suspending all rights of free entrance to the Gardens, upon the day of a public fete, or similar occasion, when such shall be given for the benefit of the Society.

## MEMORANDA.

The Gardens are open to the public each week day, from seven o'clock in the morning ; and on Sundays from two o'clock in the afternoon until sunset.

Price of Admission to Non-subscribers, Sixpence ; on Sundays, after two o'clock, and on the evenings of week-days, from 1st May to 1st September, after five o'clock, One Penny. Annual Promenade, admission Two Shillings and Sixpence ; two tickets given to each Member.

# ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

The Thirty-first Annual Meeting of the Royal Zoological Society was held in the Board-room of the Royal Dublin Society, on the second Tuesday in May, 1863,

The President, Dr. CORRIGAN, in the Chair.

Professor M'DOWELL, one of the Honorary Secretaries, read the following

## Report of Council.

AT the termination of the financial year, the Council of the Royal Zoological Society beg to submit, for the information of the Members, in a brief yet detailed form, the following Report of the transactions of the Society since its last Annual Meeting.

Recognized in its true character, as an educational establishment, the collection in the Gardens of the Society continues to attract an increasing number of visiters, a large proportion of whom are of the humbler classes; for it appears that whilst the total number of visiters during the past year was 132,771, no less than 113,121 were admitted at the penny rate, contributing to the funds of the Society the sum of £471 6s. 9d.

The following is a classified return of all the visiters for the past year:—

Admitted on Members' privileges	...	...	3,830
„ free, from Schools and Public Institutions	...	...	992
„ at the ordinary 6d. rate	...	...	14,279
„ at the reduced rate of 1d.	...	...	113,121

To whom are to be added 549 visitors, not Members, who attended the Annual Promenade in June.

As compared with last year, there has been an increase of 7,056 visitors to the Gardens.

The number of Annual Members has been maintained at the average of the last few years, and eleven new Members have joined the Society within the last twelve months.

The animals have been remarkably healthy during the last year. Great attention is given to the quality of the food supplied, and to regularity in the times of feeding; and whilst all the animals have been unusually exempt from disease, the Council are satisfied, that in the monkey tribe a greatly diminished mortality has attended the use of a more varied dietary than was formerly employed.

The lion family continue to be prolific; one lioness brought forth four cubs (all males), and the other two cubs, both females. These are now domesticated, and form an interesting group in the large cage allotted to them. One of the lion cubs, born in May, 1861, is now an extremely fine animal, and considerable profit may be expected to accrue to the Society from the sale of these animals.

A young nyghau has also been born in the Gardens, and promises to be an attractive animal.

The grounds have been kept in good order; much unsightly brushwood has been cleared away, whilst at the same time, in order to afford shelter from the cold winds, a shrubbery of evergreens is in progress of being planted along the eastern side of the Gardens.



During the last year the Council have renewed their application for a grant of the ground on the opposite side of the lake. They feel more convinced than ever that their property will continue insecure, and their valuable collection of water-fowl especially suffer loss, as long as their grounds are confined to one-half of the lake only ; and they still hope that their representations on this subject may eventually be successful.

The financial condition of the Society is less unsatisfactory. The debt which pressed on it for several years has been much reduced in amount ; and the Council yet hope, that as the useful tendencies and objects of the Society become more generally recognised, the number of its members will be so much augmented, as to enable the Society materially to extend its operations, and prevent the recurrence of such anxiety about its pecuniary engagements as has been occasionally experienced during the last few years.

Several subjects have been, and still are, under the consideration of the Council—as the improved methods of fish culture ; a proper supply of water to the different buildings ; and the erection of new and improved buildings, which, for some of the larger birds and animals, are greatly needed ; but the Council have been reluctant to undertake any works which were not absolutely necessary, until the Society was completely free from debt.

In the month of October, last year, their late Superintendent, Mr. JAMES LOWE, who had for many

years faithfully discharged the duties entrusted to him, died after a few days' illness. After a careful examination into the qualifications of the many candidates who applied for the vacant office, your Council elected Mr. BATHO.

In conclusion, your Council feel warranted in congratulating the Society on its present position and prospects, and look forward to such a larger amount of public support as will enable them, ere long, to maintain a still larger and more varied collection.

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Mr. JAMES HAUGHTON moved the adoption of the Report. The Council had much satisfaction in being able to give so gratifying a report of the present condition of the Society's affairs. It was peculiarly gratifying to find that so large an amount of pleasure and of useful information had been imparted through the instrumentality of the gardens to a number of their fellow-citizens in the humbler walks of life. The Report did not say anything as to what their conduct in the gardens had been during the last year; but he had no doubt that this deficiency would be supplied before the meeting was over. It was also satisfactory to find that the Society was out of debt.

Mr. MERRIMAN seconded the resolution.

The PRESIDENT said that, in reply to the question of Mr. Haughton, he had to state that the conduct of the people in the gardens had been just what it had been for years past, namely, remarkably good. He made this statement as the organ of the Council, and with their unanimous concurrence. During the past year not a single instance of misbehaviour had occurred; and, if the fact had not been noticed in the Report, the omission was really from a feeling of delicacy towards the people, and a sense that it was not necessary to be always praising them for their good conduct.

Mr. HAUGHTON observed that the supply of water for the use of the animals was very deficient, and had been since the foundation of the gardens. He wished to know could anything be

done to improve it, and to make the water in the pond more available than it was.

The PRESIDENT said he feared he could not answer this question so satisfactorily as the first. The water was beside the gardens in abundance; but the difficulty was to raise it to such a height as to command them; and that depended on what stood in the way of a great many other improvements, namely, the want of money. In managing their affairs they had been obliged to use the utmost economy, in which they had been aided by their worthy treasurer, who felt that however desirable a supply of water was, it would be very undesirable to go into debt. What was wanted was an apparatus to raise the water, and the subject had been referred to a committee, consisting of Professor Haughton and Mr. Sanders.

Mr. SANDERS said the cost of raising the water and of providing means to convey it through the gardens—without which pumps would be of no use—would be about £120.

Mr. HAUGHTON proposed that a subscription be at once entered into for the purpose of carrying out the object referred to.

Mr. SANDERS said he would have very much pleasure in subscribing.

The Report was unanimously adopted.

Mr. SANDERS said the Council had deemed it advisable to recommend that the bye-law which provided that the President of the Society should not be elected for a longer period than two years, and that a President should be two years out of office before he could be again elected—should be rescinded. It was the wish of the Council to re-elect their present excellent President, who had been already two years in office. With this view he moved that the bye-law in question be rescinded, and that Dr. Corrigan be elected President of the Society for the ensuing year. A subsequent modification of their rules, by which it was proposed to fix the time for which a President might be elected, at five years, would be afterwards brought forward.

Dr. BARKER seconded the motion, which passed unanimously.

Dr. TEMPLETON then moved—"That the same person shall not be President for more than five successive years." The proposed change had been discussed by the Council, and was fully approved by them.

Dr. STEWART seconded the motion.

Mr. JAMES HAUGHTON asked could these changes be legally made, so as to bind the Society.

The PRESIDENT said that any standing order or fundamental

law of the Society could only be rescinded upon a fortnight's notice of the intention to that effect being given before a general meeting, at which the opinion of the Society on the subject was to be taken. This requirement had been complied with in the present instance; and the bye-law now adopted could only be rescinded by notice being given in a similar way, before the next general meeting. The proposed change had met with the unanimous approval of the Council. He would take that opportunity of thanking the meeting for their kindness in rescinding the other bye-law, and electing him President for another year.

The resolution was put and carried unanimously.

The ballot for the election of the Council and officers for the ensuing year was closed at five o'clock. Seventy-nine members of the Society voted. The result was as follows:—

*President*—D. J. Corrigan, M.D. *Vice Presidents*—Andrews, W., M.R.I.A.; Callwell, R., M.R.I.A.; Hutton, E., M.D.; Larcom, Major-General Sir Thomas, K.C.B.; Templeton, R., M.D., Deputy Inspector-General. *Secretaries*—Irvine, Hans, M.B.; M'Dowell, Professor, M.D. *Treasurer*—Sanders, Gilbert, M.R.I.A. *Council*—Banks, Professor, M.D.; Benson, Professor, M.D.; Brady, F. W., Q.C.; Croker, C. P., M.D.; Foor, A. W., M.B.; Good, John, Esq.; Hatchell, G. W., M.D.; Haughton, Rev. S., M.D., F.R.S.; Le Fanu, W. F., C.E.; Lentaigne, John, D.L.; Lyle, J. A., Esq.; Lyons, Robert, D., M.B.; Murland, J. W., Esq.; O'Hagan, Right Hon. Thomas, Q.C.; O'Kelly, M. J., Esq.

(A subscription list was opened, and upwards of £40 was subscribed before the close of the meeting in aid of the improvement of the water supply to the gardens.)

Mr. Good was moved to the chair, and on the motion of Dr. Templeton, seconded by Professor M'Dowell, thanks were voted to the President, with which the proceedings terminated.

Statement of Accounts of the Royal Zoological Society of Ireland, for the Year ending May 1st, 1863.

CHARGE.		DISCHARGE.	
Admission to Gardens.		Balance against Society last year	£69 0 10 <sup>1</sup> / <sub>4</sub>
Members ...	3,830 free	Animals purchased and Cost of Conveyance ...	60 8 11
Visitors ...	180 at 2s. 6d....	Provisions ...	758 0 11 <sup>3</sup> / <sub>4</sub>
" ...	369 at 1s. ...	Incidental Expenses ...	245 1 7 <sup>1</sup> / <sub>2</sub>
" ...	13,892 at 6d. ...	Salaries and Wages ...	344 16 11 <sup>1</sup> / <sub>2</sub>
" ...	387 at 3d. ...	Building, Plantations, &c. ...	262 2 1
" ...	113,121 at 1d. ...	Interest on Debentures ...	3 0 0
Schools & Public Institutions free	992		
Total Admissions	132,771		
Government Grant	...		
Members' Subscriptions and Admission Fees	...		
Animals, &c., sold	...		
Balance due Treasurer	...		
	£1,628 4 4 <sup>1</sup> / <sub>2</sub>		
	114 7 0 <sup>1</sup> / <sub>2</sub>		
	£1,742 11 5		

GILBERT SANDERS, Treasurer.

# ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

## Return of Animals Presented and Purchased

*From 1st May, 1862, to April, 1863.*

		How obtained.
	2 Peacocks and 1 Hen,	Presented by Mr. O'Kelly.
	1 Badger,	} Presented by John Molloy, Esq.
	1 Irish Fox	
1862.		
May,	1st { 2 Irish Hares,	} Presented by Mr. M'Creery.
	2 Hedgehogs,	
"	2nd 1 Hedgehog,	Presented by Master Montgomery.
"	14th 1 Civet Cat,	Presented by Captain O'Flanagan
"	21st 1 King's Parrot	Purchased for £1.
"	22nd 1 Cuttlefish	Purchased for 5s.
"	30th 4 Lion Cubs (males),	Born in the Gardens.
"	30th 2 Young Wild Pigs,	Born in the Gardens.
June	5th 1 Golden Eagle,	Presented by Captain Baker.
"	11th 1 Cormorant,	Purchased for 2s. 6d.
"	12th 2 Laughing Kingfishers,	Presented by Mr. G. Bride.
"	23rd 2 Young Otters,	Purchased for £1.
July	8th 2 Lionesses,	Born in the Gardens.
"	15th 2 Green Parrots,	} Purchased for £2 5s.
"	15th 1 Rose Ringed Paroquet,	
Aug.	6th 1 Zebra Heifer Calf,	Born in the Gardens.
"	7th 4 Grass Paroquets,	Presented by R. Montgomery, Esq.
"	8th 1 Opossum,	Presented by Gilbert Sanders, Esq.
"	13th 1 Seal,	Presented by C. L'Estrange, Esq.
"	15th 2 Ichneumons,	Purchased for £3.
"	22nd 1 Old and 2 Young Hedge-	Presented by Dr. R. M'Donnell,
	hogs,	M.D.
"	28th 1 Young White-headed	Presented by J. Martin, Esq.
	Eagle,	
Sept.	2nd 1 Young Nylghau,	Born in the Gardens.
"	4th 1 Egret Monkey,	Purchased for 15s.
"	10th 1 Brent Goose,	Purchased for 10s.
"	16th 2 Indigo Birds,	Purchased for 10s.

			How obtained.
Sept.	18th	1 Irish Hare,	Presented by Andrew Murray.
Oct.	1st	2 Chameleons,	Presented by Mr. Henry Hall.
"	2nd	1 Paroquet,	Presented by J. La Touche, Esq.
"	7th	4 English Pheasants,	Presented by Lord Cloncurry.
"	20th	1 Raccoon,	Purchased for £2.
"	31st	2 Laughing Kingfishers,	Purchased for £3.
"	23rd	1 Vervet Monkey,	Deposited by Mr. Lentaigne.
"	30th	1 Land Tortoise,	Purchased for 7s.
Nov.	7th	2 Brace of Pheasants,	Presented by Lord Castlerosse.
"	11th	6 Gold Carp,	Purchased for 6s.
"	12th	1 Seal,	Purchased for £4.
Dec.	10th	1 Pine Marten,	Presented by W. Corbett, Esq.
"	11th	1 American Deer,	Presented by Alderman Martin.
"	17th	1 Mangrove Monkey,	Presented by Captain Corbett.
"	23rd	1 Bonnet Monkey,	Purchased for 15s.
"	24th	1 Short-eared Owl,	Presented by T. White, Esq.
1863.			
Jan.	11th	1 Lamb,	Born in the Gardens.
"	21st	3 Goats,	Born in the Gardens.
"	27th	1 Goat,	Born in the Gardens.
Feb.	17th	2 Gulls,	Presented by M. O'Brien, Esq.
"	15th	1 Golden Eagle,	Presented by C. Dunne, Esq.
March	4th	1 Rhesus Monkey,	Presented by Mrs. Montgomery.
"	25th	5 Persian Kittens,	Born in the Gardens.
April	7th	5 Young Guinea Pigs,	Born in the Gardens.
"	10th	3 Wild Pigs,	Born in the Gardens.
"	15th	1 American Deer,	Presented by S. R. Graves, Esq.

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# List of Members

OF

THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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## HONORARY MEMBERS.

Agassiz, Professor, Cambridge, Massachusetts.

Bell, Professor, F.R.S., Linnæan Society, London.

Brown, Captain T., Museum, Manchester.

Carus, M. Victor, Museum, Leipsic.

Gould, John, F.R.S., 26, Charlotte-st., Bedford-square, London.

Grant, Professor, F.R.S., University College, London.

Gray, J. E., D.C.L., British Museum.

Jenyns, the Rev. L., F.R.S., Straffham.

Jones, Professor Rymer, F.R.S., London.

Lea, Isaac, LL.D., Philadelphia.

Leach, Lieutenant-Colonel, R.E., 29, Eaton-place, London.

Montgomery, Lieutenant-Colonel, G.S., H. M. Indian Army.

Ogilby, William, Dunamanagh, Co. Tyrone.

Owen, Professor, F.R.S., British Museum, London.

Rupell, M. M., Frankfort.

Selby, J. Prideaux, Twizell House, Northumberland.

Slator, P. Lutley, Ph. D. F.R.S., Secretary London Zoological Society.



## LIFE MEMBERS.\*

- Adams, Captain John, R.N., Kingstown.  
 Allen, Richard Purdy, 4, Sumerville-terrace, N. Circular road.  
 Archer, W., Secretary, Dublin Natural History Society, 8, Upper Pembroke-street.  
 Armstrong, Andrew, Claddagh, Bray, and 16½ D'Olier-street.  
 Arthur, Lieut.-Colonel, 3rd Dragoon Guards.  
 Atkinson, Richard, Highfield House, Rathgar.  
 Bagot, Charles, 28, William-street.  
 Bailie, the Rev. John Kennedy, Ardtrea, Stewartstown.  
 Ball, Robert, 3, Granby-row.  
 Bangor, the Right Hon. the Lord, Castle Ward, Downpatrick.  
 Banks, J. T., M.D., 10, Merrion-square, E.  
 Barker, William Oliver, M.D., 6, Gardiner's-row.  
 Barker, Richard Oliver, 6, Gardiner's-row.  
 Barker, John, M.D., Waterloo-road.  
 Bewley, Samuel, Jun., 6, Dame-street.  
 Bloomfield, Benjamin, 33, Kildare-street.  
 Bookey, Mrs. Wm., Rathdrum.  
 Bomford, George, Oakley Park, Kells.  
 Brady, Right Hon. Maziere, Roundtown.  
 Brady, Maziere, 2, Wilton-place.  
 Brereton, W., Q.C., 65, Fitzwilliam-square.  
 Bridgeford, W. B., 148, Sackville-street.  
 Brooke, W., M.C., Taney Hill, Dundrum.  
 Browne, R. Clayton, Viewmount, Carlow.  
 Burton, Decimus, F.R.S., 37, Gloucester Gardens, Bayswater, London.  
 Callwell, Robert, 25, Herbert-place.  
 Carte, William, M.D., Royal Hospital, Kilmainham.  
 Charlemont, the Right Hon. the Earl of, Rutland-square.

\* From several causes this list is imperfect. It is hoped that Members will excuse any errors; on their being notified to the Assistant-Secretary they shall be corrected.

- Clarendon, the Right Hon. the Earl of, 1, Grosvenor Crescent,  
Belgrave-square, London.
- Connolly, John, Kilmore, Artane.
- Corlett, Henry, 115, Summer-hill.
- Corrigan, Dominick J., M.D., 4, Merrion-square, W.
- Corrigan, William J., 4, Merrion-square.
- Courtney, Henry, 24, Fitzwilliam-place.
- Croker, C. P., M.D., 7, Merrion-square, W.
- Cusack, Ralph S., J.P., Bohomer, St. Doulough's.
- Dowse, R., 38, Mountjoy-square, S.
- Dublin, His Grace the Archbishop of, Stephen's-green.
- Dunraven, the Right Hon. the Earl of, Adare Manor.
- Esmonde, the Right Hon. Sir Thomas, Ballynastra, Gorey.
- Evatt, Robert B., D.L., 6, Kenilworth-square, Rathmines.
- Farnham, Right Hon. Lord, Farnham, County Cavan.
- Fetherston, Dowager Lady, Ardagh House, Edgeworthstown.
- Findlater, Alexander, Slopes, Kingstown.
- Gresham, Thomas M., Raheny Park.
- Haliday, Alexander H., J.P., 23, Harcourt-street.
- Hamilton, Maxwell, 16, Merrion-square, N.
- Harrison, Mrs. Mary, Inchicore Lodge.
- Haughton, Samuel, F.R.S., Trinity College.
- Hayes, Mr. Justice, 25, Mountjoy-square.
- Headford, the Most Hon. the Marquess of, Headford House, Kells.
- Hogg, William, T. Bewley & Co., 12—16, Cope-street.
- Hone, Nathaniel, St. Doulough's Park.
- Hone, Thomas, 5, Foster-place.
- Howth, the Right Hon. the Earl of, Howth Castle.
- Hutton, Edward, M.D., 5, Merrion-square, S.
- Hutton, Thomas, D.L., J.P., Elm Park.
- Ingram, Hull, 7, Parkgate-street.
- Ireland, Richard S., M.D., 121, Stephen's-green, W.
- Jacob, Arthur, M.D., 23, Ely-place.
- Jacob, A. H., M.D., 23, Ely-place.
- Jameson, John, 55, Prussia-street.
- Jones, John, 6, Dawson-street.
- Johns, Robert, M.D., 38, Westland-row.

- Jukes, Joseph Beete, M.A., F.R.S., 72, Up. Leeson-street.  
 Kennedy, Evory, M.D., Belgard, Clondalkin.  
 Kenny, M., 3, Clifton-terrace, Monkstown.  
 Kildare, the Most Hon. the Marquess of, Carton, Maynooth.  
 King, Charles Croker, M.D., Queen's College, Galway.  
 Lacy, Miss Frances, Inchicore Lodge.  
 Lalor, J., 2, Longford-terrace.  
 Larcom, Major-General Sir Thomas, K.C.B., Phœnix Park.  
 Leinster, His Grace the Duke of, Carton, Maynooth.  
 Luby, the Rev. Thomas, F.T.C.D., 43, Lower Leeson-street.  
 Lurgan, the Right Hon. Lord, Brownlow House, Lurgan.  
 Lyle, Acheson, The Oaks, Londonderry.  
 Lyons, Robert D., M.D., 8, Merrion-square, W.  
 Malone, Mrs. O'Connor, Borrenstown, Mullingar.  
 Mayo, the Right Hon. the Earl of, Palmerstown House, Naas.  
 M'Donnell, J., 28, Herbert-place.  
 M'Donnell, Robert, M.D., 11, Lower Pembroke-street.  
 M'Dowell, Benjamin George, M.D., 29, Gardiner's place.  
 Milltown, the Right Hon. the Earl of, Rusborough, Blessington.  
 Moore, Robert H., F.R.C.S.I., 28, Upper Merrion-street.  
 Monteagle, the Right Hon. the Lord, Mount Trenchard, Foynes.  
 Napier, Right Hon. Joseph, Merrion-square.  
 O'Ferrall, James, 3, Gresham-terrace, Kingstown.  
 O'Ferrall, the Right Hon. Richard More, Ballyna House, Enfield.  
 Palmerston, the Right Hon. the Lord Viscount.  
 Parker, Alexander, 46, Rathmines-terrace.  
 Peebles, William Edward, 9, North Frederick-street.  
 Pigot, Right Hon. D. R., Lord Chief Baron, 52, Stephen's-green, E.  
 Place, George Godfrey, J.P., Inchicore Lodge.  
 Pollard, W. D.  
 Porter, Joshua, 72, Grafton-street.  
 Portlock, Major-General, R.E., Lota, Cross Avenue, Blackrock.  
 Richards, Right Hon. J., Sandfield Lodge, Ennistimon, Clare.  
 Roden, the Right Hon. the Earl of, Dundalk House, Dundalk.  
 Rowley, Captain Thomas Taylor, 93, Lower Mount-street.  
 Ruthven, E. S., 107, Capel-street.  
 Shirley, Evelyn J., D.L., Carrickmacross, Monaghan.

- Simpson, Sir George, Hudson's Bay House, London.  
 Sligo, the Most Hon. the Marquess of, Westport House, Westport.  
 Smith, Aquilla, M.D., 121, Lower Baggot-street.  
 Smith, Robert William, M.D., 63, Eccles-street.  
 Smith, William, 15, Merrion-square, S.  
 Smith, Robert, 5, Stephen's-green.  
 Smith, Charles F., 7, Stephen's-green, N.  
 Spottiswode, A., Lieut.-Col., 1st Dragoon Guards.  
 Staunton, C. F., M.D., Woolwich.  
 Sweetman, Walter, 4, Mountjoy-square, N.  
 Talbot de Malahide, Right Hon. Lord, Castle, Malahide.  
 Tighe, the Right Hon. W. F., Woodstock, Innistiogue.  
 Todd, the Rev. J. H., D.D., F.T.C.D.  
 Toole, Charles, 41, Westmoreland-street.  
 Vandeleur, Colonel Crofton, Kilrush House, Kilrush.  
 Warren, Robert, 40, Rutland-square, W.  
 Warren, Robert J., 40, Rutland-square, W.  
 Waterford, Most Noble and Rev. John Marquess of, Curraghmore.  
 White, Colonel Henry, Woodlands, Lucan.  
 Whitty, J. Irwin, LL.D., 94, Lower Baggot-street.  
 Williams, J. E., R.A.  
 Williams, Richard, 38, Dame-street.  
 Woods, George, J.P., Milverton, Balbriggan.  
 Woods, Hans Hamilton, J.P., Balbriggan.  
 Wright, Edward, LL.D., Floraville, Donnybrook.  
 Wright, Joseph, Edenvale, Conyngham-road.  
 Wybrants, Robert, 47, Rutland-square, W.  
 Young, the Right Hon. Sir John, Bart., Castle, Bailieborough.

## ANNUAL MEMBERS.

- Adams, Robert, M.D., 22, Stephen's-green, N.  
 Agar, the Hon. and Ven. Archdeacon, 47, Stephen's-green, E.  
 Allman, G. J., M.D., 21, Manor-place, Edinburgh.  
 Andrews, William, The Hill, Monkstown.  
 Andrews, Henry, 4, New Brighton, Monkstown.  
 Bailey, W. H., F.G.S., 51, Stephen's-green.  
 Barker, William, M.D., 21, Hatch-street.  
 Barrington, Croker, 6, Fitzwilliam-square, N.  
 Barrington, Edward, 202, Great Britain-street.  
 Barry, Robert D., 34, Mountjoy-square, N.  
 Barton, Henry M., 5, Foster-place.  
 Barton, John K., M.D., 40, Lower Baggot-street.  
 Battersby, F., M.D., 15, Warrington-place.  
 Beatty, Thomas E., M.D., 48, Merrion-square, N.  
 Benson, Charles, M.D., 11, Fitzwilliam-square.  
 Berwick, the Hon. Judge, 5, Upper Merrion-street.  
 Bianconi, Charles, Longfield, Cashel.  
 Blake, P. J., Q.C., 64, Fitzwilliam-square, N.  
 Borough, Sir Edward, Bart.  
 Boyd, C., Monkstown, County Dublin.  
 Boyle, Richard W., 35, College-green.  
 Brady, Francis William, Q.C., 22, Lower Leeson-street.  
 Brady, James, M.D., 38, Harcourt-street.  
 Brennan, Henry, 8, Gardiner's place.  
 Brown, Gen. Right Hon. Sir George, C.B., Royal Hospital.  
 Browne, Colonel G., C.B., Kingstown.  
 Browne, George, Depôt, Park.  
 Burke, W. M., M.D., 31, Molesworth-street.  
 Burns, Gilbert, 47, Mary-street, and Knockmaroon.  
 Busby, John, Black Pits.  
 Bushe, Arthur, 5, Fitzwilliam-square, N.

- Butler, Lord James, Drumcondra Castle.  
 Callwell, Nathaniel, 41, Fitzwilliam-place, S.  
 Cameron, C., 3, Waterloo-terrace.  
 Carolin, Robinson, 14, Lower Abbey-street.  
 Carroll, John Walter, 10, Leinster-street.  
 Carroll, Alexander Coote, Sackville-street Club.  
 Carte, Alexander, M.D., Royal Dublin Society.  
 Chamberlain, Matthew H., 33, High-street.  
 Clarke, Major-General, 69, Mountjoy-square, W.  
 Close, Henry Samuel, Bank, 5, Henry-street.  
 Codd, Francis, 7, Fleet-street.  
 Colles, Graves C., 21, Stephen's-green, N.  
 Colles, William, M.D., 21, Stephen's-green, N.  
 Corballis, J. R., LL.D., 19, Lower Baggot-street.  
 Corballis, James H., Ratoath Manor, Co. Dublin.  
 Corbett, Daniel, 12, Clare-street.  
 Corbett, Robert, 5, College-green.  
 Corbet, Wm., Dublin Castle.  
 Crampton, the Right Hon. P. C., 3, Kildare-place.  
 Crookshank, Robert, 4, Blessington-street.  
 Crozier, Francis, Seafield, Donnybrook.  
 Crothwait, Thomas, J.P., 4, Leinster Chambers, Dame-street.  
 Cruise, F. R., Esq., M.D., 37, Westland-row.  
 Dease, O'Reilly, Ravenswell, Bray.  
 Denham, John, Esq., M.D., 3, Cavendish-row.  
 Discom, Robert.  
 Doherty, John, Esq., 9, Inns-quay.  
 Dombrain, J. R., The Hill, Monkstown.  
 Domville, W. C., D.L., J.P., Thornhill, Bray.  
 Du Bedat, W. G., 11, College-green.  
 Dunne, John, Esker House, Rathmines.  
 Duncan, James, M.D., Finglas.  
 Duncan, Nugent, B., M.D., Finglas.  
 Enniskillen, Right Hon. the Earl of, Florence Court.  
 Errington, Michael, 10, Rutland-square, E.  
 Esmonde, Charles.  
 Esmonde, Major, 4, Pembroke-road.

- Ferrier, Alexander J., 59, William-street.  
 Findlater, Adam S., 30, Sackville-street, Upper.  
 Fitzgerald, the Right Hon. J. D., 7, Merrion-square, E.  
 Fitzgerald, Lord William, 7, Harcourt-terrace.  
 Fleming, Christopher, M.D., 6, Merrion-square, N.  
 Fleming, M., Clifton-terrace.  
 Foot, A. W., M.B., 14, Lower Fitzwilliam-street.  
 Forrest, Dr., 208, Great Brunswick-street.  
 Fry, John, 31, Westmoreland-street.  
 Galbraith, Rev. Professor, Trinity College.  
 Good, John, 17, Creighton-street.  
 Gordon, Samuel, M.D., 11, Hume-street.  
 Gorman, William, 147, Henry-street.  
 Graves, the Very Rev. Charles, D.D., the Deanery, Castle.  
 Gray, Robert, 3, College-green.  
 Green, Joseph Reay, Professor, Queen's College, Cork.  
 Greene, Henry, 19, Upper Fitzwilliam-street.  
 Griffith, Sir Richard, Bart., 2, Fitzwilliam-place.  
 Guinness, Benjamin Lee, James's-gate.  
 Guinness, B. J., M.D., 40, Stephen's-green.  
 Guinness, Rev. Grattan, Beaumont, Drumcondra.  
 Haliday, Charles, J.P., 13, Arran-street, W.  
 Hall, General, C. B., Merville, Donnybrook.  
 Hamilton, Sir William Rowan, LL.D., Observatory, Dunsink.  
 Hamilton, Charles William, Hamswood House, Dunboyne.  
 Hatchell, G. W., Esq., M.D., 13, Hume-street.  
 Hare, John, Esq., 25, Fitzwilliam-street, Upper.  
 Harrison, Mrs., 1, Hume-street.  
 Harvey, W. H., M.D., Prof. of Botany, Trinity College.  
 Harvie, William, 2, Pembroke-road.  
 Haughton, James, 35, Eccles-street.  
 Haughton, William, 27, City-quay.  
 Hayden, Francis, 4, Pembroke-quay.  
 Henn, Thomas Rice, Q.C., 17, Herbert-street.  
 Heron, Daniel C., Q.C., 7, Upper Fitzwilliam-street.  
 Hildidge, James, M.D., 7, Merrion-street, Upper.  
 Hillier, Lieut.-Colonel, Constabulary Depôt, Phoenix Park.

- Hone, Joseph, Jun., 35, Leeson-street.  
 Hoyte, George, 17, Lower Sackville-street.  
 Hughes, James S., M.D., 24, Westland-row.  
 Hughes, John, M.D., 18, Merrion-square, E.  
 Hutchinson, Joseph H., 6, Richmond-place.  
 Hutton, Mrs., Elm Park.  
 Hutton, Robert, Putney Park, Surrey.  
 Hutton, T. Maxwell, 118, Summer-hill.  
 Ilberry, J. E., Hibernian Lodge, Inchicore.  
 Irvine, Hans, M.B., 1, Rutland-square, E.  
 Jameson, William, Montrose, Donnybrook.  
 Jameson, James, Airfield, Donnybrook.  
 Jellett, the Rev. John, F.T.C.D.  
 Johnson, Rev. B., Montpelier-hill.  
 Johnson, George, M.B., 3, Rutland-square.  
 Johnson, H. B., 6, Upper Temple-street.  
 Jury, William, 7, College-green.  
 Kelly, Thomas L., 53, Mount-street, Upper.  
 Kelly, Charles, Q.C., 34, Fitzwilliam-square, S.  
 Kennedy, George A., M.D., 6, Mountjoy-place, W.  
 Kennedy, Henry, M.D., 17, North Frederick-street.  
 Kidd, Geo. H., M.D., 205, Great Brunswick-street.  
 Kinahan, George, Roebuck-hill, Dundrum; Carlisle Buildings.  
 Kyle, William Cotter, LL.D., 8, Clare-street.  
 La Touche, Theophilus Digges, 14, Castle-street.  
 Lanesborough, Right Hon. Earl of, 8, Gt. Stanhope-street, Park-lane, London.  
 Lawson, James Arthur, Q.C., 27, Upper Fitzwilliam-street.  
 Le Clerc, Eu., M.D., Phoenix Park.  
 Leech, Jonathan, M.D., 21, Ely-place.  
 Le Fanu, William R., 59, Fitzwilliam-square, N.  
 Lentaigne, John, D.L., 1, Great Denmark-street.  
 Litton, Edward, 10, Wellington-road.  
 Lloyd, the Rev. Humphrey, D.D., Trinity College.  
 Longfield, the Hon. Judge, 47, Fitzwilliam-square, W.  
 Lyle, James, 7, Pembroke-place.  
 Lyon, Richard, 57, Bolton-street.



- M'Donnell, J., M.D., 4, Gardiner's-row.  
 M'Donnell, Rt. Hon. Alexander, Tyrone House, Marlborough-st.  
 M'Dougall, William, Drumlish House, Carrickbrack, Howth.  
 M'Dowell, George, F.T.C.D., Clonskeagh.  
 McMechan, W., 69, Blessington-street.  
 M'Munn, J., M.D., 2, Rutland-square, E.  
 Maffet, William Hamilton, 24, South Frederick-street.  
 Magan, Charles, Clontarf ; Sackville-street.  
 Martin, Richard, 12, Fitzwilliam-place.  
 Martin, Thomas, 13, Rutland-square, E.  
 Martin, James, 26, Fitzwilliam-square, S.  
 Martin, John, 109, Gardiner-street, Lower.  
 Martin, Charles, North Wall.  
 Maunsell, Henry, M.D., 26, Parliament-street.  
 Merriman, Michael, 54, Eccles-street.  
 Mitchel, George, 20, Sackville-street, Lower.  
 Mollan, John, M.D., 60, Fitzwilliam-square, N.  
 Molloy, Robert, 50, Mountjoy-square.  
 Molloy, John, 3, Great Denmark-street.  
 Montgomery, Captain, R.N., Horton, Roundtown.  
 Montgomery, Robert John, Zoological Gardens, and 57, Leinster-  
 road.  
 Morgan, the Hon. Mrs. Deane, Arcandridge, Co. Wexford.  
 Morgan, Dr. J., 23, Stephen's-green, N.  
 Moses, Marcus, 4, Westmoreland-street.  
 Moylan, Denis, 79, Harcourt-street.  
 Murland, James W., 25, Fitzwilliam-square, S.  
 Nedley, Thomas, M.D., 61, Amiens-street.  
 Nolan, Edward, 1, Palmerston Villas, Upper Rathmines.  
 Nugent, Daniel, 9, Denmark-street.  
 Nugent, John, M.D., 14, Rutland-square.  
 O'Brien, Michael, 6, Eblana-terrace.  
 O'Ferrall, J. M., M.D., 15, Merrion-square, N.  
 O'Hagan, the Right Hon. Thomas, 34, Rutland-square.  
 O'Kelly, M. J., Rochestown House, Killiney.  
 Owen, Jacob, 54, Mountjoy-square, W.  
 Peacock, G. L., Dalkey.

- Peebles, William, 34, Eccles-street.  
 Pike, William Hill, 25, Pill-lane.  
 Pim, George, Brennanstown, Cabinteely.  
 Pim, Henry, Jameson, Pim & Co., Brewers, North Anne-street.  
 Pim, Jonathan, Parnell-place, 11, Grand Canal-street.  
 Pim, Thomas, 22, William-street.  
 Pim, William Harvey, 22, William-street.  
 Porter, George H., M.B., 21, Kildare-street.  
 Power, Alfred, 7, Fitzwilliam-square, E.  
 Power, Sir James, Bart., 20, Harcourt-street.  
 Powerscourt, Right Hon. the Lord, Enniskerry.  
 Radcliff, John, 27, Merrion-square, S.  
 Rathborne, Henry B., Dunsink, Castleknock.  
 Rathborne, John G., Dunsinea, Castleknock.  
 Reeves, R. S., 22, Mount-street, Upper.  
 Ringland, J., M.D., 14, Harcourt-street.  
 Robinson, Francis, M.D., Swift's Hospital.  
 Sanders, Gilbert, 2, Foster-place.  
 Scratton, Thomas, 87, Stephen's-green, S.  
 Scriven, W. B., M.D., 33, Stephen's-green, N.  
 Sheehan, Thomas, Mespil House, Leeson-street.  
 Senior, Edward, Ashtown, Phoenix Park.  
 Smith, George, 71, Lower Baggot-street.  
 Smyly, Josias, M.D., 8, Merrion-square, N.  
 Staples, Sir Thomas, Bart., 11, Merrion-square, E.  
 Stephens, Henry C., 72, Aungier-street.  
 Stephenson, John, M.D., 54, Meath-street.  
 Stewart, H. H., M.D., Lucan.  
 Sullivan, Edward, Q.C., 41, Eccles-street.  
 Sweetman, Patrick, 23, Francis-street.  
 Tabuteau, B. M., 124, Abbey-street, Upper.  
 Templeton, R., M.D., Hibernian School, Phoenix Park.  
 Thompson, Henry, 9, Eustace-street.  
 Thunder, John, 43, Rutland-square, W.  
 Todhunter, Joseph, 3, College-green.  
 Trevor, Major-General, C.B., 25, Mount-street, Upper.  
 Tufnell, J., 58, Mount-street, Lower.

- Tweedy, Henry, M.D., 16, Rutland-square, E.  
 Vance, Thomas, 9, Bridge-street.  
 Vincent, William, Mountain View, Dundrum.  
 Walker, Joseph Cooper, 15, Eccles-street.  
 Walsh, John Edward, Q.C., 14, Merrion-square, S.  
 Watkins, Joseph, 8, Ardee-street.  
 Waterhouse, Samuel, 25, Dame-street.  
 Watson, Joshua, Ballyroon, Rathfarnham.  
 West, the Ven. Archdeacon, 6, Wilton-square.  
 Williams, R. P., 38, Dame-street.  
 Willis, Captain, Dublin Castle.  
 Wilson, Joseph H., Bachelor's-walk.  
 Winter, Richard, 6, Upper Leeson-street.  
 Woodlock, Joseph, 42, Dame-street.  
 Wright, E. Perceval, M.B., Trinity College.  
 Wynn, the Right Hon. John, Hazlewood, Sligo.  
 Wynyard, Col. H. B. J., Royal Hibernian Military School, Phoenix  
 Park.  
 Young, J., 31, Fitzwilliam-place.

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## GARDEN SUBSCRIBERS.

- Allen, Richard, 28, Sackville-street, Lower.  
 Atkin, John Drew, 5, Merrion-square.  
 Ellis, Major, Parkgate-street.  
 Fannin, Mrs., 52, Leeson-street, Lower.  
 Hornsby, Edward, Custom House.  
 Johnston, Miss Elizabeth, 12, Montpelier-hill.  
 Lowry, James, 15, George's-place.  
 O'Connor, Val. O'B., 3, Beresford-place.

O'Loghlen, Sir Colman, Bart., 20, Merrion-square, S.  
 Pepper, Miss, 82, Lower Leeson-street.  
 Ridley, Major-General, C.B., Royal Barracks.  
 Speedy, Major, Royal Hibernian Military School.  
 Still, Henry, Esq., 6, Besborough-terrace, North Circular-road.  
 Symes, G. R., 7, Hume-street.  
 Twigg, John, 21, Frederick-street, North.

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NUMBER OF MEMBERS NOW ON THE BOOKS OF  
 THE SOCIETY.

NON-CONTRIBUTING MEMBERS.

Honorary	...	...	...	...	17
Life	...	...	...	...	130
					<hr/> 147

CONTRIBUTING MEMBERS.

Annual Members	...	...	...	233
Garden Subscribers	...	...	...	15
				<hr/> 248

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The Thirty-second

ANNUAL REPORT

OF

The Royal Zoological Society

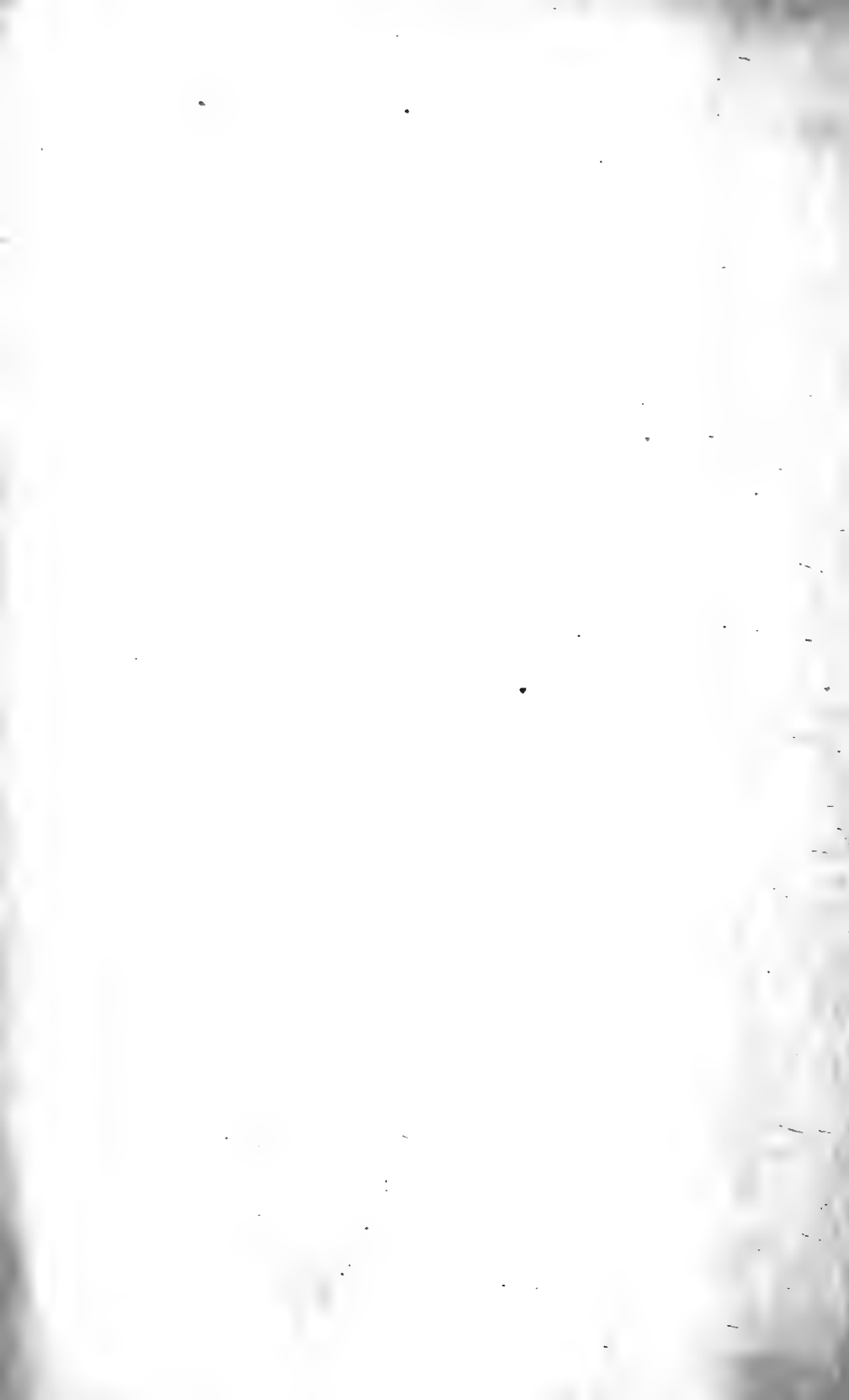
OF IRELAND,

FOR THE YEAR 1863-4.



DUBLIN :  
BROWNE AND NOLAN, PRINTERS,  
NASSAU-STREET,

1864.



# OFFICERS AND COUNCIL, MAY 10th, 1864.

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## Patroness.

HER MAJESTY THE QUEEN.

## Ex-Presidents.

HIS GRACE THE DUKE OF LEINSTER.  
THE MARQUESS OF KILDARE.  
LORD TALBOT DE MALAHIDE.  
DR. CORRIGAN.

## President.

VISCOUNT POWERSCOURT.

## Vice-Presidents.

CALLWELL, R., M.R.I.A.  
LE FANU, W. R., C.E.  
LARCOM, MAJOR-GENERAL SIR THOMAS, K.C.B.  
MURLAND, J. W., Esq.  
TEMPLETON, R., M.D., DEPUTY INSPECTOR-GENERAL.

## Secretaries.

M'DOWEL, PROFESSOR, M.D. | HAUGHTON, REV. S., M.D., F.R.S.

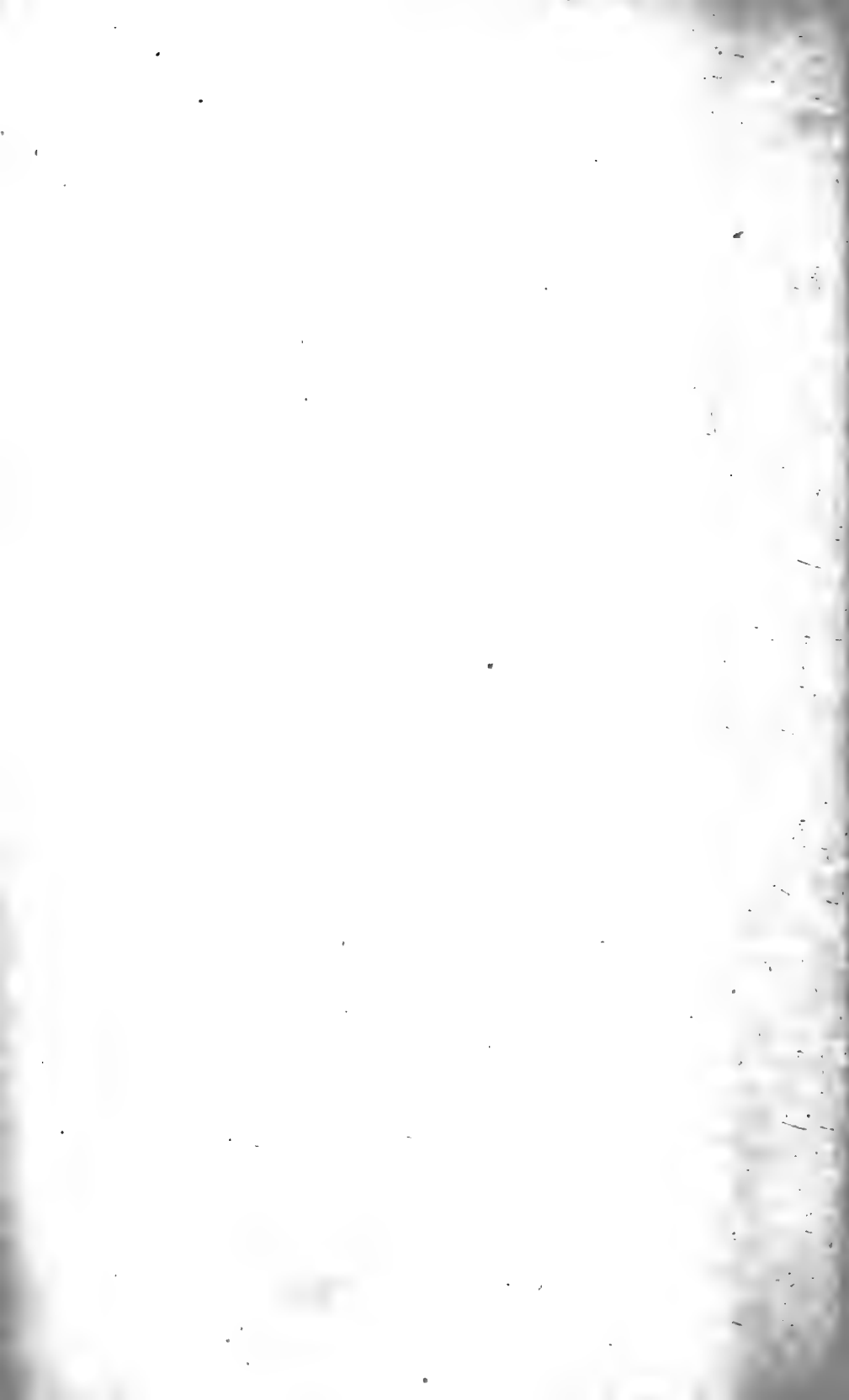
## Treasurer.

SANDERS, GILBERT, M.R.I.A.

## Council.

BANKS, PROFESSOR, M.D.  
BENSON, PROFESSOR, M.D.  
CROKER, C. P., M.D.  
FOOT, A. W., M.B.  
GOOD, JOHN, Esq.  
HATCHELL, G. W., M.D.  
HUTTON, E., M.D.  
IRVINE, HANS, M.B.  
JACOB, ARCHIBALD H., M.D.  
JUKES, J. BEETE, M.A., F.R.S.  
LENTAIGNE, JOHN, D.L.  
LYLE, J. A., Esq.  
LYONS, ROBERT D., M.B.  
M'DONNELL, R., M.D.  
O'KELLY, M. J., Esq.

MONTGOMERY, R. J., Esq., *Assistant Secretary.*





# Laws and Regulations

OF

## THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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### CHAPTER I.—THE CONSTITUTION.

1. The Society consists of Ordinary Members and Honorary Members.

2. The Officers shall be chosen from amongst the Ordinary Members, and shall be

A President,  
Five Vice-Presidents.  
Two Secretaries, and  
A Treasurer,

who, together with fifteen other Ordinary Members of the Society, shall constitute the Council.

3. The Officers and Council, for each year, shall be elected at the Annual General Meeting, by the Members of the Society.

4. But in case any Officer, or other Member of the Council, shall die or resign, the Council may appoint a Member to supply his place, until the next Annual Meeting.

### CHAPTER II.—THE MEMBERS.

1. Every person wishing to become a Member of the Society must be proposed in writing to the Council, by one Member, and seconded by another; and upon election and payment of his admission fee, such person shall be a Member of the Society.

2. But he shall not exercise the privileges of a Member until his first year's subscription is paid in advance.

3. The Admission Fee shall be *One Pound*, the Annual Subscription *One Pound*, and the composition for life, in lieu thereof, *Ten Pounds*; but should the Member be also a Member of the

Royal Dublin Society, he is admissible without payment of the admission fee of £1, and may compound for life by payment of £7.

4. The annual subscription shall be due on the first of January in each year, and shall be payable in advance.

5. If the subscription of any Member is not paid within one year after it is due, he shall cease to be a Member until he shall have paid up his arrears.

6. No person becoming a Member after the first day of October in any year shall be liable for the subscription of that year.

7. No person shall exercise the privileges of a Member until he shall have paid his subscription for the current year.

8. Ladies may be admitted as Members upon the same terms, and with the same privileges, as gentlemen.

9. Each Member of the Society shall have privilege of free admission to the Gardens for himself and two companions, and with any number of his children under twelve years of age. Wives of Members have similar privileges in absence of their husbands; and Governesses or other female residents in a Member's house are admitted with his children on having a card properly filled up. Such cards can be supplied by the Secretaries of the Society, on application.

### CHAPTER III.—HONORARY MEMBERS.

1. Distinguished persons may be elected Honorary Members, without annual or other payment, by a vote of the Society, at any of its meetings, upon the previous recommendation of the Council.

2. Honorary Members shall have the same privileges as other Members, except that of voting at the meetings.

3. The number of Honorary Members limited to twenty.

### CHAPTER IV.—THE OFFICERS.

#### *The President.*

1. The President shall preside at all meetings of the Society and Council, when present, and shall generally superintend the affairs of the Society.

2. The same person shall not be President for more than five successive years.

3. Ex-Presidents shall continue to be Honorary Members of Council.

*Vice-Presidents.*

1. Of the five Vice-Presidents, two, at least, shall go out at each election; but this shall not prevent their continuing Members of the Council in another capacity.

2. The Vice-Presidents shall supply the place of the President in his absence.

*The Secretaries.*

It shall be the duty of the Secretaries to see to the execution of the rules, orders, and directions of the Society and Council.

*The Treasurer.*

No money shall be paid by the Treasurer, except upon the written order of the Council, signed by at least three of its Members.

CHAPTER V.—THE COUNCIL.

1. Three Members shall form a Quorum.

2. The Council shall meet at such times as they shall themselves determine.

3. It shall be the duty of the Council to conduct the business of the Society, subject to the laws and regulations of the Society at large.

4. All questions shall be decided by the majority of voices, and where the numbers are equal the Chairman shall have a casting voice; but he shall not vote except in such case.

5. The Council may summon a meeting of the Society for scientific purposes whenever they think fit, stating the object of such Meeting; and at such Meeting no business but that stated in the notice shall be discussed.

6. At least three of the Council shall go out at each election.

7. No Member of the Society having any contract with the Society or Council for which payment is to be made, shall be eligible to a seat in the Council in any capacity; and if the name of any Member of the Society having a contract with the Society, or receiving any fee or emolument from the Society, shall be found in the ballot, that name shall be set aside by the Chairman, notwithstanding any number of votes that may be appended to it; and if any Member or Officer of the Council enter into any contract with the Society, or receive from it any fee, payment, or emolument, his seat shall become, *ipso facto*, vacant in the Council, and the Council shall immediately summon a Meeting of the Society, to elect a Member to the vacant place.

#### CHAPTER VI.—THE ANNUAL MEETING.

The Annual Meeting shall be held on the second Tuesday of May in each year, for the purpose of electing the Council and Officers for the ensuing year, and of hearing the Report of the Council read, and auditing the accounts.

##### *Election of Officers.*

1. The Council for the time being shall annually cause to be prepared a list of persons whom they recommend to be Officers and Council for the ensuing year.

2. The List shall distinguish the three or more Members proposed to be removed, and the three or more proposed to be elected in their room, and it shall be transmitted to each Member residing in Dublin, by post, along with a notice of the time and place of the General Meeting, to be sent at least seven days before the day of Meeting.

3. The chair shall be taken at four o'clock, when the ballot shall commence, and continue open for one hour, at the expiration of which time the Chairman shall proclaim that the time had arrived when the ballot should close, and order the porter not to admit any other Members into the room, and then the Chairman shall call on the Members in the room, who have not

balloted, to come forward and ballot, and the scrutiny shall forthwith take place; and those persons to whose names the greater number of marks shall have been affixed shall be declared duly elected, in the order and places in which they stand, provided at least three new Members be elected, but if not, then those of the proposed Members who have the least number of marks shall be rejected, until at least three former Members are excluded, and their places shall be filled by those who have the next greatest number of marks.

4. If two or more names have the same number of marks, the order of preference shall be decided by lot.

#### *General Business.*

1. No motion respecting a change in the laws or constitution of the Society shall be discussed or voted upon, at the Annual or other Meeting, except as hereafter provided, unless notice thereof be given, in writing, to the Council, at least one month before such Meeting; the Council to give seven days' notice to the Members, as before ordered.

2. But the Council may propose, and bring to the vote, any measure or question at any of the Meetings of the Society, provided it shall have been under their consideration for at least one month, and that notice thereof be given to the Members in the circular notices of such Meeting, at least seven days previous to the day of Meeting.

#### CHAPTER VII.—THE GARDENS.

1. Any person enrolling his name in a book kept at the Gate of the Gardens, and paying One Pound a year, shall be a Subscriber, and shall have the same privilege of ingress to the Gardens as a Member of the Society.

2. The Council shall have the power of suspending all rights of free entrance to the Gardens, upon the day of a public fête, or similar occasion, when such shall be given for the benefit of the Society.

## MEMORANDA.

The Gardens are open to the public each week day, from seven o'clock in the morning ; and on Sundays from two o'clock in the afternoon until sunset.

Price of Admission to Non-subscribers, Sixpence ; on Sundays, after two o'clock, and on the evenings of week-days, from 1st May to 1st September, after six o'clock, One Penny. Annual Promenade, admission Two Shillings and Sixpence ; two tickets given to each Member.

# ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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The Thirty-second Annual Meeting of the Royal Zoological Society was held in the Board-room of the Royal Dublin Society on the second Tuesday in May, 1864,

The President, Dr. CORRIGAN, in the Chair.

Professor M'DOWEL, one of the Honorary Secretaries, read the following

## Report of Council.

THE Council of the Royal Zoological Society beg to submit to the Members their Report for the year ending May 1st, 1864.

During the past year the number of visitors to the Gardens amounted to 115,652 persons, who are thus classified :—

Admitted free on Members' privileges	...	3,550
„ free, from Schools and Public Institutions	... ..	1,483
„ at 2s. 6d.	} Annual Promenade {	164
„ at 1s.		50
„ at the ordinary rate of 6d.	...	14,433
„ at the reduced rate of 1d.	...	95,972

In these numbers a very considerable reduction will be observed as compared with the past and with some former years, especially in the admissions at the 1d. rate; but your Council believe that this is not owing to the Gardens having lost their attractiveness, or to any diminution in the public taste for objects of Natural History, but mainly to the circumstance of

other objects of interest having been provided for the instruction and amusement of the masses of our population, as for example, the Glasnevin Botanical Gardens and the National Gallery of Paintings.

The Council, however, regard without jealousy these other agencies for creating and cultivating tastes which tend to promote the intellectual improvement of the people, and feel that this Society is still occupying a large and important share in this great work, as long as so many thousand persons are found to avail themselves of the means of instruction afforded by the collection in the Society's Gardens.

It is with great regret, however, that the Council observe the more unaccountable falling off in the number of the Annual Members, whose subscriptions form the only certain source of income besides the Annual Grant. This cannot be attributed wholly to the removal by death of some of the older Members, but in a great degree, it is to be feared, to an apathy and indifference to the interests and objects of a Society which ought to have a strong claim on the sympathy and support of the educated classes.

With a view to induce a larger number to join the Society, the Council propose to give for the future a more Scientific character to the Society, by establishing Monthly Meetings, to be held in the city during the Winter season, at which Papers on subjects connected with Zoology and Comparative Anatomy will be read and discussed by the Members. Such meetings, it is expected, will prove extremely interesting in this city, in which the study of Natural History has always found many and ardent admirers, and the



Council confidently hope that all who desire to promote the advance of this favorite branch of Science will become Members of the Society, and thus aid them in their endeavours to enlarge and sustain a Zoological collection which shall be worthy of the Scientific character of the metropolis of Ireland.

Should these expectations be realised, it is not too much to hope that the Society will, in a great measure, be relieved from all financial embarrassments, and a new impulse be given to investigation in the wide field of natural history.

The Society regret to state, that during the past year some valuable animals have died, including the splendid lion purchased in 1855, and the two ostriches presented by her Majesty the Queen in 1858. The sudden occurrence and long continuance of severe frost occasioned the death of one of the ostriches, whilst the lion, it appears, was upwards of twelve years of age, which, although not old for the animal in its wild state, is stated to be about the average duration of its life in the domesticated condition.

For some time past careful examinations have been made in all cases of deaths amongst the animals, and the results carefully noted and recorded. In this way, from time to time, information is obtained which may prove of value as to the management of the different classes of animals. The Council are sorry to state that a young seal, in one of the smaller ponds, died in consequence of an injury inflicted by some visitors, and feel deep regret that such an act of cruelty should have been committed ; but it is only fair to state that this did not occur at a time when visitors were admitted at the penny rate.

These losses have been partly compensated by new and valuable additions. Each of the two lionesses has lately brought forth five cubs, of which nine are living and thriving extremely well (making seventeen whelped within the year); and another seal of larger size has been recently purchased, and forms an object of great attraction.

The Society have also received some interesting animals as gifts—a full list of which is appended to this report—amongst which the Council would particularly acknowledge two fine Boa Constrictors, presented by Surgeon GREER, 21st Fusileers; two Dog-headed Boas, presented by M. BROWN, Esq.; three King Crabs, presented by Mr. GRAVES, of Liverpool; three Demoiselle Cranes, and a Ruddy Sheldrake, presented by Mr. ALEXANDER M'DONNELL; and a very fine Wapiti Deer, the gift of Lord POWERSCOURT.

From the Treasurer's account it will appear that a considerable sum was expended on buildings. The Council, although most unwilling to incur expenses which there were not funds in hands to meet, could no longer defer repairs of several of the buildings, which were in so dilapidated a condition as to endanger the health of the animals contained in them, some of which were of considerable value. It was also necessary to provide the requisite accommodation for a Rhinoceros, and, it is hoped, an Elephant, kindly procured for the Society by Sir CHARLES TREVELYAN, K.C.B., and shortly expected to arrive in this country; and this, it was found, could most economically and effectually be done by altering, and at the same time re-roofing, the Albert tower, originally built for a Giraffe.

These alterations have considerably increased the expenditure of the past year, but owing to the completeness of the repairs, a smaller sum will be required for maintenance of the buildings for some years to come.

In the course of last summer the attention of the Council was directed to the "Report of the Treasury Commission appointed to inquire into the Royal Dublin Society, Museum of Irish Industry, Royal Hibernian Academy, Royal Irish Academy, and the System of Scientific Instruction in Ireland," and in consequence of some of the recommendations contained in that Report, your Council felt it necessary for the independence of the Royal Zoological Society, to represent that power should not be given to the Royal Dublin Society of exercising any control over the proceedings of the Zoological Society, and for that purpose Resolutions were adopted at a Meeting of the Council, held July 18th, 1863, and the statement embodying those Resolutions, a copy of which is appended to this Report (*vide* Appendix A), was forwarded to the proper authorities. It is only due, however, to the Royal Dublin Society to state, that the proposal to exercise a supervision over the Royal Zoological Society did not come from the Royal Dublin Society.

The Council have much gratification in announcing that the Lords of the Treasury have at length granted to the Society the ground on the opposite side of the lake, which for many years was anxiously sought for by the Society, and without which the original design of the Gardens was incomplete. The grant was accompanied by the condition that a boundary

fence of a peculiar construction should be erected. As the Society had no funds available for such a purpose, the Council issued a Circular (*vide* Appendix B) asking for subscriptions, to enable them to enclose the ground in the manner required. They thankfully acknowledge that several persons have liberally responded to this appeal. Nearly half the sum required, including a liberal donation from Her Majesty, has been subscribed, and they entreat the co-operation of all the Members of the Society to obtain the balance still required. When this shall have been accomplished, and the lake enclosed, the Council believe that the Society will possess a Garden of singular beauty, and a collection of animals well selected and attractive ; but they cannot too strongly urge on the Society that it will be difficult, if not impossible, to maintain the collection at present in their possession, unless a larger amount of support is given by the public ; and they earnestly request that every Member will endeavour to make others better acquainted with the aim and objects of the Society, and thus, by increasing the number of subscribers, enlarge its means of doing good.

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Mr. JAMES HAUGHTON moved and Mr. J. LAWLOR seconded the adoption of the Report.

Mr. JAMES HAUGHTON inquired why it was that allusion to the conduct of the public in their visits to the garden was omitted in the Report. He was afraid that silence on the subject might be construed into something like there being cause for complaint.

The PRESIDENT said, that it had been customary for them to speak of the good behaviour of the public in their visit to the gardens in the Annual Reports. It had, however, been omitted

in that of the previous year, and they regarded it as quite superfluous to introduce it in the Report before them. It was, to his mind, paying but a poor compliment to the citizens to say that they behaved themselves.

The Report was then passed unanimously.

The PRESIDENT said he had to acknowledge the kindness of the Zoological Society of London, inasmuch as they had not only taken care of and forwarded animals consigned to them from foreign places, but had also made the Society some valuable presents.

On the motion of ALDERMAN ATKINSON, seconded by Dr. IRELAND, a vote of thanks was unanimously passed to the Zoological Society of London.

On the motion of Dr. BENSON, seconded by Dr. HUTTON, the following gentlemen were unanimously elected Honorary Members of the Society:—Sir Charles Trevelyan, K.C.B.; Sir John Young, Bart., K.C.B.; and S. R. Graves, Esq., Liverpool.

The thanks of the Society was returned to Surgeon Greer, Lord Powerscourt, and Messrs. Graves and M'Donnell, for their valuable presents to the Society.

Mr. HAUGHTON inquired if they expected any animals to be added to those they at present possess?

The PRESIDENT said there were four brush turkeys. These were very singular birds, and their mode of hatching the young ones exceedingly curious. The birds were merely supplied with a quantity of grass and rotten leaves. This they piled in a heap, until it was about the size of a very small haycock. This is allowed to remain untouched for a week, when a process of fermentation goes on, which creates a great heat. A hole is then made, and the eggs laid in it, and carefully covered up. Every morning the male bird uncovers the eggs, and exposes them to the heat of the sun, and then covers them up again at night. At the proper time the young one is hatched, and immediately sallies forth altogether independent of the parent birds. A singular fact also was, that it had been found impossible to hatch those eggs by incubation or under any other bird. There were several other animals presented them, the names of which he did not then remember.

Dr. IRVINE stated that a lady had promised them £50 when £350 had been collected.

Dr. KENNEDY asked what had been done with regard to raising the £400, and making the necessary fencing alluded to in the report, and also if they intended throwing a bridge across the lake?

The PRESIDENT said they had invited estimates and plans from several parties as regarded the wire fencing. With respect to the bridge, however desirable it might be to have such, he was afraid their finances would not admit of the expense.

Dr. HAUGHTON adverted to the increased expense incurred in the feeding of the animals, and thought that the attention of the public should be directed to the fact, and their subscriptions solicited. There had been, he regretted to say, a great falling off in the amount of subscriptions, and he thought it only required an effort to be made to obtain sufficient funds for the purposes of the Society.

At five o'clock, pursuant to the by-law of the Society, the ballot for the Council for the ensuing year closed, and the following were declared elected:—

*President*—Viscount Powerscourt. *Vice-Presidents*—R. Callwell, M.R.I.A. ; W. R. LeFanu, C.E. ; Major-General Sir Thomas Larcom, K.C.B. ; J. W. Murland, Esq. ; R. Templeton, M.D., Deputy Inspector-General. *Secretaries*—Professor M'Dowel, M.D. ; Rev. S. Haughton, M.D., F.R.S. *Treasurer*—Gilbert Sanders, M.R.I.A. *Council*—Professor Banks, M.D. ; Professor Benson, M.D. ; C. P. Croker, M.D. ; A. W. Foot, M.B. ; John Good, Esq. ; G. W. Hatchell, M.D. ; E. Hutton, M.D. ; Hans Irvine, M.B. ; Archibald H. Jacob, M.D. ; J. Beete Jukes, Esq., M.A., F.R.S. ; John Lentaigne, D.L. ; J. A. Lyle, Esq. ; Robert D. Lyons, M.B. ; R. M'Donnell, M.D. ; M. J. O'Kelly, Esq.

The proceedings then terminated.



# ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

## Return of Animals Presented and Purchased

*From 1st May, 1863, to April, 1864.*

1863.			How obtained.
April	23rd	3 Young Goats,	Born in the Gardens.
"	"	1 Heron,	Presented by J. Molloy, Esq.
May	2nd	12 Gold Fish,	Purchased.
"	5th	1 Egret Monkey,	Purchased.
"	19th	4 Water Tortoises,	Presented by F.W.Brady, Esq., Q.C.
"	27th	1 Bonnet Monkey,	Purchased.
June	3rd	4 Salamanders,	Presented by the President.
"	16th	1 Patas Monkey,	Purchased.
"	22nd	4 Red-legged Crows,	Purchased.
"	29th	2 Green Parrots,	Purchased.
"	"	1 Patas Monkey,	Presented by C. W. Corbett, Esq.
"	30th	1 Raven,	Purchased.
July	1st	Pair of young Otters,	Presented by Mr. Ennis.
"	2nd	1 White Stag,	Presented by Miss O'Kelly.
"	6th	1 Monkey,	Purchased.
"	"	1 ditto,	Purchased.
"	15th	2 Hares,	Presented by W. Domville, Esq.
"	"	2 Boa Constrictors,	{ Presented by Surgeon Greer, 21st Fusileers.
"	20th	2 Tortoises,	Purchased.
"	27th	1 Land Tortoise,	Purchased.
"	28th	2 Opossums,	Received in exchange for a Peacock.
"	"	3 King Crabs,	{ Presented by S. R. Graves, Esq., Liverpool.
"	29th	2 Quails,	Presented by R. P. Williams, Esq.
Aug.	3rd	4 Lion Cubs,	Born in the Gardens.
"	4th	5 Kingfishers,	Purchased.
"	5th	4 Persian Kittens,	Born in the Gardens.
"	11th	Pair of Otters,	Presented by A. K. Young, Esq.
"	25th	1 Seal,	Purchased.
"	"	1 Monkey (Callithrix),	Presented by Miss Whitty.
"	26th	2 Canaries,	Purchased.
"	"	1 Brent Goose,	Purchased.
"	27th	1 Sea Gull,	Presented by Dr. Hatchell.
Sept.	2nd	1 Bonnet Monkey,	Purchased.
"	5th	3 Lion Cubs,	Born in the Gardens.
"	"	3 Bonnet Monkeys,	Presented by Dr. Robinson.
"	7th	3 Demoiselle Cranes,	Presented by A. M'Donnell, Esq.
"	9th	8 Scotch Toads,	Presented by A. W. Foot, M.B.
"	10th	1 Land Rail,	Presented by Professor Haughton.



1863.		How obtained.	
Sept.	14th	1 Pig-tailed Baboon,	Purchased.
"	14th	8 Cockatoos,	Purchased.
"	15th	1 Green Paroquet,	Purchased.
"	16th	1 Wapiti Deer,	Presented by Lord Powerscourt.
"	22nd	1 Gannet,	Presented by Dr. Barker.
Oct.	1st	1 Turtle,	Presented by the President.
"	5th	1 Pair of Black Swans,	Presented by Lord Powerscourt.
"	"	$\frac{1}{2}$ Dozen Green Plover,	Presented by Dr. Leech.
"	7th	1 Zebu Calf,	Born in the Gardens.
"	8th	1 Bread Fruit Tree,	Presented by Dr. Croker.
"	13th	2 Dog-headed Boas,	Presented by M. Browne, Esq.
"	14th	1 Green Parrot,	Purchased.
"	15th	2 $\frac{1}{2}$ Gold Fish,	Purchased.
"	19th	1 Seal,	Purchased.
"	"	6 Green Plover,	Presented by Dr. Leech.
"	22nd	1 Ruddy Sheldrake,	Presented by A. M'Donnell, Esq.
Nov.	4th	1 Pair Grouse,	Presented by Dr. O'Brien.
"	8th	5 Manila Doves,	Presented by S. R. Graves, Esq.
"	11th	1 Mynah Bird,	Presented by Miss Truell.
"	17th	1 Bonnet Monkey,	Presented by Mr. Taylor.
"	25th	1 Japanese or Masked Pig	Presented by Mr. O'Neill.
"	28th	2 Macaws,	Purchased.
Dec.	23rd	1 Pine Martin,	Purchased.
"	30th	1 Green Paroquet,	Presented by the President.
"	"	3 Green Plovers,	Presented by Dr. Leech.
"	31st	1 Egret Monkey,	Presented by Mr. M'Donnell.
1864.			
Feb.	3rd	1 Golden Plover,	Presented by R. P. Williams, Esq.
"	"	1 Sea Gull,	Presented by Professor Haughton.
"	25th	{ 5 Plover, 3 Corncreaks, and 1 Oyster Catcher }	Presented by W. Domville, Esq.
March	3rd	1 Quail,	Presented by M. Peebles, Esq.
"	"	1 Goose,	Presented by T. Madden, Esq.
"	22nd	5 Persian Kittens,	Born in the Gardens.
"	24th	1 Young American Bear,	Presented by Mr. R. Martin.
"	25th	1 Male Badger,	Presented by Mr. Colgan.
"	30th	1 Persian Male Cat,	Presented by Mr. Haffield.
"	"	1 Bonnet Monkey,	Purchased.
"	31st	4 Young Squirrels,	Purchased.
April	2nd	5 Lion Cubs,	Born in the Gardens.
"	3rd	5 ditto,	Born in the Gardens.
"	"	{ 1 Rhesus Monkey and 1 Bonnet Monkey }	Presented by Mr. B. O'Grady.
"	15th	1 Large Seal,	Purchased.

# List of Members

OF

## THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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### HONORARY MEMBERS.

- Agassiz, Professor, Cambridge, Massachusetts.  
Bell, Professor, F.R.S., Linnæan Society, London.  
Brown, Captain T., Museum, Manchester.  
Carus, M. Victor, Museum, Leipsic.  
Gould, John, F.R.S., 26, Charlotte-st., Bedford-square, London.  
Grant, Professor, F.R.S., University College, London.  
Graves, S. R., Esq., Liverpool.  
Gray, J. E., D.C.L., British Museum.  
Jenyns, the Rev. L., F.R.S., Straffham.  
Jones, Professor Rymer, F.R.S., London.  
Lea, Isaac, LL.D., Philadelphia.  
Leach, Lieutenant-Colonel, R.E., Highgate, London.  
Montgomery, Lieutenant-Colonel, G.S., H. M. Indian Army.  
Ogilby, William, Dunamanagh, Co. Tyrone.  
Owen, Professor, F.R.S., British Museum, London.  
Rupell, M. M., Frankfort.  
Selby, J. Prideaux, Twisell House, Northumberland.  
Sclator, P. Lutley, Ph. D. F.R.S., Secretary, London Zoological Society.  
Trevelyan, Sir Charles, K.C.B., Indian Service.  
Young, Sir John, Bart., K.C.B.

## LIFE MEMBERS.\*

- Adams, Captain John, R.N., Kingstown.  
 Allen, Richard Purdy, 4, Somerville-terrace, N. Circular-road.  
 Archer, W., Secretary, Dublin Natural History Society, 8, Upper Pembroke-street.  
 Armstrong, Andrew, Claddagh, Bray, and 16½, D'Olier-street.  
 Arthur, Lieut.-Colonel, 3rd Dragoon Guards.  
 Atkinson, Richard, Highfield House, Rathgar.  
 Bagot, Charles, 28, William-street.  
 Bailie, the Rev. John Kennedy, Ardrea, Stewartstown.  
 Ball, Robert, 3, Granby-row.  
 Bangor, the Right Hon. the Lord, Castle Ward, Downpatrick.  
 Banks, J. T., M.D., 10, Merrion-square, E.  
 Barker, William Oliver, M.D., 6, Gardiner's-row.  
 Barker, Richard Oliver, 6, Gardiner's-row.  
 Barker, John, M.D., Waterloo-road.  
 Bewley, Samuel, Jun., 6, Dame-street.  
 Bloomfield, Benjamin, 33, Kildare-street.  
 Bookey, Mrs. William, Rathdrum.  
 Bomford, George, Oakley Park, Kells.  
 Brady, Right Hon. Maziere, Roundtown.  
 Brady, Maziere, 2, Wilton-place.  
 Brereton, W., Q.C., 65, Fitzwilliam-square.  
 Bridgeford, W. B., 148, Sackville-street.  
 Brooke, W., M.C., Taney Hill, Dundrum.  
 Browne, R. Clayton, Viewmount, Carlow.  
 Burke, Sir Bernard (Ulster), Dublin Castle.  
 Burton, Decimus, F.R.S., 37, Gloucester Gardens, Bayswater, London.  
 Callwell, Robert, 25, Herbert-place.  
 Carte, William, M.D., Royal Hospital, Kilmainham.

\* From several causes this list is imperfect, It is hoped that Members will excuse any errors; on their being notified to the Assistant-Secretary they shall be corrected.

- Clarendon, the Right Hon. the Earl of, Grosvenor Crescent,  
Belgrave-square, London.
- Connolly, John, Kilmore, Artane.
- Corlett, Henry, 115, Summer-hill.
- Corrigan, Dominick J., M.D., 4, Merrion-square, W.
- Corrigan, William J., 4, Merrion-square.
- Courtney, Henry, 24, Fitzwilliam-place.
- Croker, C. P., M.D., 7, Merrion-square, W.
- Cusack, Ralph S., J.P., Bohomer, St. Doulough's.
- Dowse, R., 38, Mountjoy-square, S.
- Dunraven, the Right Hon. the Earl of, Adare Manor.
- Esmonde, the Right Hon. Sir Thomas, Ballynastra, Gorey.
- Evatt, Robert B., D.L., 6, Kenilworth-square, Rathmines.
- Farnham, Right Hon. Lord, Farnham, County Cavan.
- Fetherston, Dowager Lady, Ardagh House, Edgeworthstown.
- Findlater, Alexander, Slopes, Kingstown.
- Gresham, Thomas M., Raheny Park.
- Halliday, Alexander H., J.P., 23, Harcourt-street.
- Hamilton, Maxwell, 16, Merrion-square, N.
- Harrison, Mrs. Mary, Inchicore Lodge.
- Haughton, Samuel, F.R.S., Trinity College.
- Hayes, Mr. Justice, 25, Mountjoy-square.
- Headford, the Most Hon. the Marquess of, Headford House,  
Kells.
- Hogg, William (T. Bewley & Co.), Cope-street.
- Hone, Nathaniel, St. Doulough's Park.
- Hone, Thomas, 5, Foster-place.
- Howth, the Right Hon. the Earl of, Howth Castle.
- Hutton, Edward, M.D., 5, Merrion-square, S.
- Hutton, Thomas, D.L., J.P., Elm Park.
- Ingram, Hull, 7, Parkgate-street.
- Ireland, Richard S., M.D., 121, Stephen's-green.
- Jacob, Arthur, M.D., 23, Ely-place.
- Jacob, A. H., M.D., 23, Ely-place.
- Jameson, John, 55, Prussia-street.
- Jones, John, 6, Dawson-street.
- Jukes, Joseph Beete, M.A., F.R.S., 72, Up. Leeson-street
- Kennedy, Evory, M.D., Belgard, Clondalkin.

- Kenny, M., 3, Clifton-terrace, Monkstown.  
 Kildare, the Most Hon. the Marquess of, Carton, Maynooth.  
 King, Charles Croker, M.D., Queen's College, Galway.  
 Lacy, Miss Frances, Inchicore Lodge.  
 Lalor, J., 2, Longford-terrace.  
 Larcom, Major-General Sir Thomas, K.C.B., Phoenix Park.  
 Leinster, His Grace the Duke of, Carton, Maynooth.  
 Luby, the Rev. Thomas, F.T.C.D., 43, Lower Leeson-street.  
 Lurgan, the Right Hon. Lord, Brownlow House, Lurgan.  
 Lyle, Acheson, The Oaks, Londonderry.  
 Lyons, Robert D., M.D., 8, Merrion-square, W.  
 Malone, Mrs. O'Connor, Borrenstown, Mullingar.  
 Mayo, the Right Hon. the Earl of, Palmerston House, Naas.  
 M'Donnell, J., 28, Herbert-place.  
 M'Donnell, Robert, M.D., 11, Lower Pembroke-street.  
 M'Dowel, Benjamin George, M.D., 29, Gardiner's-place.  
 Milltown, the Right Hon. the Earl of, Rusborough, Blessington.  
 Moore, Robert H., F.R.C.S.I., 28, Upper Merrion-street.  
 Monteaule, the Right Hon. the Lord, Mount Trenchard, Foynes.  
 Napier, Right Hon. Joseph, Merrion-square.  
 O'Ferrall, James, 3, Gresham-terrace, Kingstown.  
 O'Ferrall, the Right Hon. Richard More, Ballyna House,  
 Enfield.  
 Palmerston, the Right Hon. the Lord Viscount.  
 Parker, Alexander, 46, Rathmines-terrace.  
 Peebles, William Edward, 9, North Frederick-street.  
 Pigot, Right Hon. D. R., Lord Chief Baron, 52, Stephen's-  
 green, E.  
 Place, George Godfrey, J.P., Inchicore Lodge.  
 Pollard, W. D.  
 Porter, Joshua, 72, Grafton-street.  
 Richards, Right Hon. J., Sandfield Lodge, Ennistimon, Clare.  
 Roden, the Right Hon. the Earl of, Dundalk House, Dundalk.  
 Rowley, Captain Thomas Taylor, 93, Lower Mount-street.  
 Ruthven, E. S., 107, Capel-street.  
 Shirley, Evelyn J., D.L., Carrickmacross, Monaghan.  
 Simpson, Sir George, Hudson's Bay House, London.  
 Sligo, the Most Hon. the Marquess of, Westport House, Westport.

- Smith, Aquilla, M.D., 121, Lower Baggot-street.  
 Smith, Robert William, M.D., 63, Eccles-street.  
 Smith, William, 15, Merrion-square, S.  
 Smith, Robert, 5, Stephen's-green.  
 Smith, Charles F., 7, Stephen's-green, N.  
 Spottiswode, A., Lieut.-Col., 1st Dragoon Guards.  
 Staunton, C. F., M.D., Woolwich.  
 Stewart, A. J. R., D.L., J.P., Ards House, Co. Donegal.  
 Sweetman, Walter, 4, Mountjoy-square, N.  
 Talbot de Malahide, Right. Hon. Lord, Castle, Malahide.  
 Tighe, the Right Hon. W. F., Woodstock, Innistioque.  
 Todd, the Rev. J. H., D.D., F.T.C.D.  
 Toole, Charles, 41, Westmoreland-street.  
 Vandeleur, Colonel Crofton, Kilrush House, Kilrush.  
 Warren, Robert, 40, Rutland-square, W.  
 Warren, Robert J., 40, Rutland-square, W.  
 Waterford, Most Noble and Rev. John, Marquis of, Curraghmore.  
 White, Colonel Henry, Woodlands, Lucan.  
 Whitty, J. Irwin, LL.D., 94, Lower Baggot-street.  
 Williams, J. E., R.A.  
 Williams, Richard, 38, Dame-street.  
 Woods, George, J.P., Milverton, Balbriggan.  
 Woods, Hans Hamilton, J.P., Balbriggan.  
 Wright, Edward, LL.D., Floraville, Donnybrook.  
 Wright, Joseph, Edenvale, Conyngham-road.  
 Wybrants, Robert, 47, Rutland-square, W.  
 Young, the Right Hon. Sir John, Bart., Castle, Bailieborough.

## ANNUAL MEMBERS.

- Adams, Robert, M.D., 22, Stephen's-green, N.  
 Agar, the Hon. and Ven. Archdeacon, 47, Stephen's-green, E.  
 Allman, G. J., M.D., 21, Manor-place, Edinburgh.  
 Andrews, William, The Hill, Monkstown  
 Andrews, Henry, 4, New Brighton, Monkstown.  
 Bailey, W. H., F.G.S., 51, Stephen's-green.  
 Barff, —, 10 Upper Gardiner-street.  
 Barker, William, M.D., 21, Hatch-street.  
 Barker, John, M.D., Waterloo Road.  
 Barrington, Croker, 6, Fitzwilliam-square, N.  
 Barrington, Edward, 202, Great Britain-street.  
 Barry, Robert D., 34, Mountjoy-square, N.  
 Barton, Henry M., 5, Foster-place.  
 Barton, John K., M.D., 40, Lower Baggot-street.  
 Battersby, F., M.D., 15, Warrington-place.  
 Beatty, Thomas E., M.D., 48, Merrion-square, N.  
 Bennett, Dr., 2, Upper Fitzwilliam-street.  
 Benson, Charles, M.D., 11, Fitzwilliam-square.  
 Berwick, the Hon. Judge, 5, Upper Merrion-street.  
 Bianconi, Charles, Longfield, Cashel.  
 Blake, J. P., Q.C., 64, Fitzwilliam-square, N.  
 Borough, Sir Edward, Bart.  
 Boyd, C., Monkstown, County Dublin.  
 Boyle, Richard W., 35, College-green.  
 Brady, Francis William, Q.C., 22, Lower Leeson-street.  
 Brady, James, M.D., 38, Harcourt-street.  
 Brennan, Henry, 8, Gardiner's-place.  
 Brown, Gen. Right Hon. Sir George, C.B., Royal Hospital.  
 Browne, Col. G., C.B., Kingstown.  
 Browne, George, Depôt, Park.  
 Burke, W. M., M.D., 31, Molesworth-street.  
 Burns, Gilbert, 47, Mary-street, and Knockmaroon.

- Busby, John, Black Pits.  
 Bushe, Arthur, 5, Fitzwilliam-square, N.  
 Butler, Lord James, Drumcondra Castle.  
 Callwell, Nathaniel, 41, Fitzwilliam-place, S.  
 Cameron, C., 3, Waterloo terrace.  
 Carolin, Robinson, 14, Lower Abbey-street.  
 Carroll, John Walter, 10, Leinster-street.  
 Carroll, Alexander Coote, Sackville-street Club.  
 Carte, Alexander, M.D., Royal Dublin Society.  
 Chamberlain, Matthew H., 33, High-street.  
 Clarke, Major-General, 69, Mountjoy-square, W.  
 Close, Henry Samuel, Bank, 5, Henry-street.  
 Codd, Francis, 7, Fleet-street.  
 Colles, Graves C., 21, Stephen's-green, N.  
 Colles, William, M.D., 21, Stephen's-green, N.  
 Corballis, J. R., LL.D., 19, Lower Baggot-street.  
 Corballis, James H., Ratoath Manor, County Dublin.  
 Corbett, Daniel, 12, Clare-street.  
 Corbett, Robert, 5, College-green.  
 Corbett, William, Dublin Castle.  
 Crampton, the Right Hon. P. C., 3, Kildare-place.  
 Crookshank, Robert, 4, Blessington-street.  
 Crozier, Francis, Seafield, Donnybrook.  
 Crosthwait, Thomas, J.P., 4, Leinster Chambers, Dame-street.  
 Cruise, F. R., Esq., M.D., 37, Westland-row.  
 Dease, O'Reilly, Ravenswell, Bray.  
 Denham, John, Esq., M.D., 3, Cavendish-row.  
 Discom, Robert.  
 Doherty, John, Esq., 9, Inns-quay.  
 Dombrain, J. R., The Hill, Monkstown.  
 Domville, W. C., D.L., J.P., Thornhill, Bray.  
 Du Bedat, W. G., 11, College-green.  
 Dunne, John, Esker House, Rathmines.  
 Duncan, James, M.D., Finglas.  
 Duncan, Nugent B., M.D., Finglas.  
 DeRicci, Dr., Upper Merrion-street.  
 Enniskillen, Right Hon. the Earl of, Florence Court.  
 Errington, Michael, 10, Rutland-square, E.



- Esmonde, Charles.  
 Esmonde, Major, 4, Pembroke-road.  
 Ferrier, Alexander J., 59, William-street.  
 Findlater, Adam S., 30, Sackville-street, Upper.  
 Fitzgerald, the Right Hon. J. D., 7, Merrion-square, E.  
 Fitzgerald, Lord William, 7, Harcourt-terrace.  
 Fleming, Christopher, M.D., 6, Merrion-square, N.  
 Fleming, M., Clifton-terrace.  
 Foot, A. W., M.B., 14, Lower Fitzwilliam-street.  
 Forrest, Dr., 208, Great Brunswick-street.  
 Fox, Anthony, Runnymede, Dundrum.  
 Fry, John, 31, Westmoreland-street.  
 Fyffe, John, 7, Mountjoy-square.  
 Galbraith, Rev. Professor, Trinity College.  
 Good, John, 17, Creighton-street.  
 Gordon, Samuel, M.D., 11, Hume-street.  
 Gorman, William, 147, Henry-street.  
 Graves, the Very Rev. Charles, D.D., the Deanery, Castle.  
 Gray, Robert, 3, College-green.  
 Green, Joseph Reay, Professor, Queen's College, Cork.  
 Greene, Henry, 19, Upper Fitzwilliam-street.  
 Griffith, Sir Richard, Bart., 2, Fitzwilliam-place.  
 Guinness, Benjamin Lee, James's-gate  
 Guinness, B. J., M.D., 40, Stephen's-green.  
 Halliday, Charles, J.P., 13, Arran-street, W.  
 Hall, General, C.B., Merville, Donnybrook.  
 Hamilton, Sir William Rowan, LL.D., Observatory, Dunsink.  
 Hamilton, Charles William, Hamswood House, Dunboyne.  
 Hatchell, G. W., Esq., M.D., 13, Hume-street.  
 Hare, John, Esq., 25 Fitzwilliam-street, Upper.  
 Harrison, Mrs., 1, Hume-street.  
 Harvey, W. H., M.D., Professor of Botany, Trinity College.  
 Harvie, William, 2, Pembroke-road.  
 Haughton, James, 35, Eccles-street.  
 Haughton, William, 27, City-quay.  
 Hayden, Francis, 4, Pembroke-quay.  
 Henn, Thomas Rice, Q.C., 17, Herbert-street.  
 Heron, Daniel C., Q.C., 7, Upper Fitzwilliam-street.

- Hildidge, James, M.D., 7, Merrion-street, Upper.  
 Hillier, Lieut.-Colonel, Constabulary Depôt, Phœnix Park.  
 Hone, Joseph, Jun., 35, Leeson-street.  
 Hoyte, George, 17, Lower Sackville-street.  
 Hughes, James S., M.D., 24, Westland-row.  
 Hughes, John, M.D., 18, Merrion-square, E.  
 Hutchinson, Joseph H., 6, Richmond-place.  
 Hutton, Mrs., Elm Park.  
 Hutton, Robert, Putney Park, Surrey.  
 Hutton, T. Maxwell, 118, Summer-hill,  
 Ilberry, J. E., Hibernian Lodge, Inchicore.  
 Irvine, Hans, M.B., 1, Rutland-square, E.  
 Jameson, William, Montrose, Donnybrook.  
 Jameson, James, Airfield, Donnybrook.  
 Jellett, the Rev. John, F.T.C.D.  
 Johnson, Rev. B., Mountpelier-hill.  
 Johnson, George, M.B., 3, Rutland-square.  
 Johnson, H. B., 6, Upper Temple-street.  
 Jury, William, 7, College-green.  
 Kelly, Thomas L., 53, Mount-street, Upper.  
 Kelly, Charles, Q.C., 34, Fitzwilliam-square, S.  
 Kennedy, George A., M.D., 6, Mountjoy-place, W.  
 Kennedy, Henry, M.D., 17, North Frederick-street.  
 Kidd, Geo. H., M.D., 205, Great Brunswick-street.  
 Kinahan, George, Roebuck-hill, Dundrum; Carlisle Buildings.  
 Kyle, William Cotter, LL.D., 8, Clare-street.  
 LaTouche, Theophilus Digges, 14, Castle-street.  
 Lanesborough, Right Hon. Earl of, 8, Gt. Stanhope-street, Park-  
 lane, London.  
 Lawson, James Arthur, Q.C., 27, Upper Fitzwilliam-street.  
 Leech, Jonathan, M.D., 21, Ely-place.  
 LeFanu, William R., 59, Fitzwilliam-square, N.  
 Lentaigne, John, D.L., 1, Great Denmark-street.  
 Litton, Edward, 10, Wellington-road.  
 Lloyd, the Rev. Humphrey, D.D., Trinity College.  
 Longfield, the Hon. Judge, 47, Fitzwilliam-square, W.  
 Lyle, James, 7, Pembroke-place.  
 Lyon, Richard, 57, Bolton-street.

- M'Donnell, J., M.D., 4, Gardiner's-row.  
 M'Donnell, Rt. Hon. Alexander, Tyrone House, Marlborough-st.  
 M'Donnell, Alexander, Inchicore.  
 M'Dougall, William, Drumlish House, Carrickbrack, Howth.  
 M'Dowell, George, F.T.C.D., Clonskeagh.  
 McMechan, W., 69, Blessington-street.  
 M'Munn, J., M.D., 2, Rutland-square, E.  
 Maffet, William Hamilton, 24, South Frederick-street.  
 Magan, Charles, Clontarf; Sackville-street.  
 Martin, Richard, 12, Fitzwilliam-place.  
 Martin, Thomas, 13, Rutland-square, E.  
 Martin, James, 26, Fitzwilliam-square, S.  
 Martin, John, 109, Gardiner-street, Lower.  
 Martin, Charles, North Wall.  
 Maunsell, Henry, M.D., 26, Parliament-street.  
 Merriman, Michael, 54, Eccles-street.  
 Mitchell, George, 20, Sackville-street, Lower.  
 Mollan, John, M.D., 60, Fitzwilliam-square, N.  
 Molloy, Robert, 50, Mountjoy-square.  
 Molloy, John, 3, Great Denmark-street.  
 Montgomery, Captain, R.N., 45, Grosvenor-square, Rathmines.  
 Montgomery, Robert John, Zoological Gardens, and 57, Leinster-road.  
 Morgan, the Hon. Mrs. Deane, Arcandridge, Co. Wexford.  
 Morgan, Dr. J., 23, Stephen's-green, N.  
 Moses, Marcus, 4, Westmoreland-street.  
 Moylan, Denis, 79, Harcourt-street.  
 Murland, James W., 25, Fitzwilliam-square, S.  
 Nedley, Thomas, M.D., 61, Amien-street.  
 Nolan, Edward, 1, Palmerston Villas, Upper Rathmines.  
 Nugent, Daniel, 9, Denmark-street.  
 Nugent, John, M.D., 14, Rutland-square.  
 O'Brien, Michael, 6, Eblana-terrace.  
 O'Ferrall, J. M., M.D., 15, Merrion-square, N.  
 O'Hagan, the Right Hon. Thomas, 34, Rutland-square.  
 O'Kelly, M. J., Rochestown House, Killiney.  
 O'Reilly, Dease, Ravenswell, Bray.  
 Owen, Jacob, 54, Mountjoy-square, W.

- Owen, J. H., 11, Eccles-street.  
 Peacock, G. L., Dalkey.  
 Peebles, William, 34, Eccles-street.  
 Pike, William Hill, 25, Pill-lane.  
 Pim, George, Brennanstown, Cabinteely.  
 Pim, Henry (Jameson, Pim & Co.), North Anne-street.  
 Pim, Jonathan, Parnell-place, 11, Grand Canal-street.  
 Pim, Thomas, 22, William-street.  
 Pim, William Harvey, 22, William-street.  
 Porter, George H., M.B., 21, Kildare-street.  
 Power, Alfred, 7, Fitzwilliam-square, E.  
 Power, Sir James, Bart., 20, Harcourt-street.  
 Powerscourt, Right Hon. the Lord, Enniskerry.  
 Radcliff, John, 27, Merrion-square, S.  
 Rathborne, Henry B., Dunsink, Castleknock.  
 Rathborne, John G., Dunsinea, Castleknock.  
 Reeves, R. S., 22, Mount-street, Upper.  
 Ringland, J., M.D., 14, Harcourt-street.  
 Robinson, Francis, M.D., Swift's Hospital.  
 Ryan, Dr. John, 118, Francis-street.  
 Sanders, Gilbert, 2, Foster-place.  
 Scratton, Thomas, 87, Stephen's-green, S.  
 Scriven, W. B., M.D., 33, Stephen's-green, N.  
 Sheehan, Thomas, Mespil House, Leeson-street.  
 Senior, Edward, Ashtown, Phoenix Park.  
 Smith, George, 71, Lower Baggot-street.  
 Staples, Sir Thomas, Bart., 11, Merrion-square, E.  
 Stephens, Henry C., 72, Aungier-street.  
 Stephenson, John, M.D., 54, Meath-street.  
 Stewart, H. H., M.D., Lucan.  
 Sullivan, Edward, Q.C., 41, Eccles-street.  
 Sweetman, Patrick, 23, Francis-street.  
 Tabuteau, B. M., 124, Abbey-street, Upper.  
 Templeton, R., M.D., Hibernian School, Phoenix Park.  
 Thompson, Henry, 9, Eustace-street.  
 Thunder, John, 43, Rutland-square, W.  
 Todhunter, Joseph, 3, College-green.  
 Tufnell, J., 58, Mount-street, Lower.

- Tweedy, Henry, M.D., 16, Rutland-square, E.  
 Vance, Thomas, 9, Bridge-street.  
 Vincent, William, Mountain View, Dundrum.  
 Walker, Joseph Cooper, 15, Eccles-street.  
 Walsh, John Edward, Q.C., 14, Merrion-square, S.  
 Watkins, Joseph, 8, Ardee-street.  
 Waterhouse, Samuel, 25, Dame-street.  
 Watson, Joshua, Ballyroon, Rathfarnham.  
 West, the Ven. Archdeacon, 6, Wilton-square.  
 White, William, 57, Rathmines-road.  
 Williams, R. P., 38, Dame-street,  
 Willis, Captain, Dublin Castle.  
 Wilson, Joseph H., Bachelor's-walk.  
 Winter, Richard, 6, Upper Leeson-street.  
 Woodlock, Joseph, 42, Dame-street.  
 Wright, E. Perceval, M.B., 10, Clare-street.  
 Wynn, the Right Hon. John, Hazlewood, Sligo.  
 Wynyard, Col. H. B. J., Royal Hibernian Military School, Phoenix  
 Park.  
 Young, J., 31, Fitzwilliam-place.

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## GARDEN SUBSCRIBERS.

- Allen, Richard, 28, Sackville-street, Lower.  
 Atkin, John Drew.  
 Ellis, Major, Parkgate-street.  
 Fannin, Mrs., 52, Leeson-street, Lower.  
 Hornsby, Edward, Custom House.  
 Johnston, Miss Elizabeth, 12, Montpelier-hill.  
 Lowry, James, 15, George's-place.  
 O'Connor, Val. O'B., 3, Beresford-place.

O'Loghlen, Sir Colman, Bart., 20, Merrion-square, S.  
 Pepper, Miss, 82, Lower Leeson-street.  
 Ridley, Major-General, C.B., Royal Barracks.  
 Speedy, Major, Royal Hibernian Military School.  
 Symes, G. R., 7, Hume-street.  
 Twigg, John, 21, Frederick-street, North.

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NUMBER OF MEMBERS NOW ON THE BOOKS OF  
 THE SOCIETY.

NON-CONTRIBUTING MEMBERS.

Honorary	...	...	...	...	17	
Life	..	...	...	...	130	
					<u>147</u>	

CONTRIBUTING MEMBERS.

Annual Members	...	...	...	233	
Garden Subscribers	..	...	...	15	
				<u>248</u>	
					<u>395</u>

## APPENDIX A.

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### Royal Zoological Society of Ireland.

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*“ Report of the Treasury Commission appointed to inquire into The Royal Dublin Society, Museum of Irish Industry, Royal Hibernian Academy, Royal Irish Academy, and the System of Scientific Instruction in Ireland, 18th October, 1862.”*

AT a Meeting of the Council of THE ROYAL ZOOLOGICAL SOCIETY, held 18th day of July, 1863, the Council considered the above Report, in which the following paragraph, having reference to the Royal Zoological Society, occurs:—

“The Annual Grant to the Zoological Society is voted in the estimate of the Royal Dublin Society; but besides acting as the channel for its payment, that Society does not exercise any interference with regard to it. Some advantage would be gained if all the Parliamentary Grants in aid of Science and Art at Dublin were in like manner included in the estimate of the Royal Dublin Society, and were paid through its medium, inasmuch as they would then be annually brought under consideration in one point of view, and the Council of the Royal Dublin Society would have an opportunity of making any representation which the circumstances of the time might render proper in reference to them. Beyond this we cannot advise that the Royal Dublin Society should be vested with any control over the proceedings of other Societies.”—*Vide pp. 33, 34.*

The Report further goes on to observe upon the benefits that would be likely to arise from an "affiliation" of other Societies to the Royal Dublin Society.

The paragraph above quoted proposes to give a power (not hitherto possessed by it) to the Council of the Royal Dublin Society of commenting upon or making representations upon the management or proceedings of the Royal Zoological Society, and therefore exercising a certain control over it.

RESOLVED—That in the view here put forward by the Commissioners the Council of the Royal Zoological Society cannot concur, and for the following reasons :

1st.—The Royal Zoological Society was founded in the year 1831, altogether by private voluntary donations and subscriptions, without any aid from, or any connexion with any other society.

2nd.—It has been always managed, and is still managed by a Council elected annually by the Members at large, to whom the Council make an annual report, and the Council cannot admit the competency or right of the Council of the Royal Dublin Society to "make any representation" upon its affairs.

3rd.—In the year 1854, twenty-second year after its foundation, the Government, impressed with the good management and usefulness of the Society, conferred on it an annual grant of £500, which, for the convenience of official management, has been and is paid through the agency of the Royal Dublin Society. This arrangement for financial convenience appears, however, to the Council, to be no more a reason for giving any control over its proceedings to the Council of the Royal Dublin Society than it would be for giving a supervision over the Zoological Society to the Directors of the Bank of Ireland, if the Bank were made the medium of paying its annual grant. Moreover, in the minute of the Board of Trade announcing the grant in aid, the perfect independence of the Royal Zoological Society was provided for, in compliance with the representation of the Council of the Zoological Society. The minute of the Board of Trade of 11th April, 1854, observes, "My Lords will recommend that an aid be given to the Gardens of the Royal Zoological Society through the agency of the Royal Dublin Society, if that body will accept



the trust \* \* \* the sum in aid is not to be considered *as in any way* dispensing with the separate existence of the Zoological Society, but it would imply that this Society should send its account for audit, and report its proceedings to Parliament, through the Dublin Society."

The Report of the Commissioners now under consideration goes much further, for it proposes that the Council of the Royal Dublin Society should be empowered to make any representation which they from time to time might think proper as to the affairs or management of the Royal Zoological Society, and it is this new power now proposed to be given to the Council of the Royal Dublin Society to which the Council of the Royal Zoological Society objects.

4th.—The Council of the Royal Zoological Society are of opinion that any "affiliation" of the Royal Zoological Society to the Royal Dublin Society as "a point of union" with the new power proposed to be given to its Council, instead of leading to harmonious co-operation, as would seem to be anticipated, would be more likely to engender dissensions and lead to collision between two bodies that have hitherto worked so well in their independent existence.

The views of the two Councils might at any time clash, and the two Councils were in fact for a considerable period in opposition to one another on a most important principle—the admission of the public to their respective Gardens on Sundays. The Zoological Society has admitted the public since the year 1840, a period of more than 20 years, while the Royal Dublin Society has only admitted them within the last two years. It is obvious that if the proceedings of the Zoological Society had been at any time during that period liable to be controlled in any way by Reports from the Council of the Dublin Society, its action in setting the precedent of the admission of the public on Sundays, a measure that is now acknowledged to have been attended with much benefit, might have been seriously interfered with.

5th.—Neither the Council nor any person on the part of the Zoological Society conveyed to the Commissioners any desire to have the present relation of the two Societies remodelled, nor did the Commissioners examine any member of the Zoological Society on the subject.

6th.—The Commissioners in their report (p. 33) acknowledge that “The Royal Zoological Society is a well-managed Society, that contributes in a high degree to the instruction and amusement of the public,” thus furnishing in the Report a good reason for leaving its management untouched. It is, moreover, scarcely to be expected that gentlemen who have given their time and attention to the Zoological Society, would continue to do so if their independence and freedom of action are to be interfered with, or their proceedings made subject to the control or comments of any other Society.

In conclusion, the Council have to observe that their only desire is, that their present relations with the Royal Dublin Society should remain as they have existed for the last nine years, leaving to mutual and voluntary arrangements such co-operation as may at any time appear desirable, but not otherwise giving to either Council or Society opportunity or power to control or comment upon the proceedings of the other; and the Council of the Zoological Society feel convinced that such independence of action will maintain a laudable rivalry in respectively working for the advantage of the public in both institutions, that would languish or cease to exist under the proposed system of “affiliation” or subordination of one society to the other.

RESOLVED—That the President be requested to forward a copy of the above minute and resolution of Council of Royal Zoological Society to His Excellency the Lord Lieutenant, soliciting his Excellency’s consideration and support.

RESOLVED—That copies of the foregoing minute and resolutions be forwarded to the Lords of the Treasury, to the Committee of Council for the Department of Science and Art, and to the Council of the Royal Dublin Society.

## APPENDIX B.

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### Royal Zoological Society of Ireland.

MAY, 1864.

When the Royal Zoological Society of Ireland was founded in the year 1832, DECIMUS BURTON drew up a report, on instructions from Government, as to a site for the Gardens in the Phœnix Park. He recommended the present site, including the pond and the opposite bank. The following is an extract from his report:—

“It will also be obvious, that to render the water of practical benefit to the Society, it should be enclosed within the boundary. The best mode of obtaining this object would be for the Society to obtain, if possible, a grant of the opposite bank, extending to the road which leads to the Vice-regal Lodge. This also would be desirable on other points. The land on each bank might then be laid out with plantations, walks, and buildings, designed in such manner as materially to add to the beauty of the view from either side of the lake, and certainly the general effect of the valley, as seen from the Park, would be greatly improved. Impressed with the idea, that one day or other, an arrangement will be made by which these extensions of the site will take place, I have been induced to prepare the accompanying design, in which they are comprised.”

Year after year, each succeeding Council was more and more impressed with the truth of DECIMUS BURTON'S observation, that “the water should be enclosed within the boundary” of the Gardens. The waterfowl, the greatest ornaments of the gardens, strayed, and were stolen or killed; and the deer crossing, by swimming at night, trampled down the flower beds, and barked or cropped the shrubs, often destroying in a single night, valuable plants the growth of years. The opposite bank became each year more frequented by persons who amused themselves

by hunting the islands and covers with terriers, and otherwise disturbing the birds; and to such an extent has the annoyance increased, that in the past year not a single water bird has been permitted to hatch its eggs and rear its young.

Almost every year, each succeeding Council pressed upon official authorities the necessity for completion of the original design of the Gardens, but various delays and difficulties arose, among which may be enumerated the famine and succeeding years, when more sad and serious topics occupied men's minds—the change of governments—the change of law in respect of the management of the Phœnix Park, and the official delays that are necessarily connected with the consideration of such subjects.

Those delays and difficulties have, however, now terminated, and the Lords of the Treasury, through the Board of Works, have communicated to the Council of the Society, that they have granted to the Society the opposite bank of the lake, according to a certain boundary, on condition of the fence being of a light open construction.

This meets the view of the Council, as well as of the Treasury.

The Council are desirous of putting up such a light wire fence as will be sufficient to protect the waterfowl and not impede the view, and by appropriating the enclosed bank to the smaller Kangaroo tribe, and to the smaller kinds of Antelopes, Deer, Indian Cows, and Llamas, they hope, as BURTON'S report anticipated, "that the general effect of the Valley, as seen from the Park, will be greatly improved;" in like manner as a similar arrangement has added so much to the attractions of the Bois de Boulogne in Paris.

The Council of the Zoological Society, moreover, seek in this proposed addition a higher result than merely increased attraction in scenery or animals. The importance of adding to our animal kingdom as to our vegetable, such stocks as may be useful to man for food, as well as for other purposes in our social economy, is now fully recognized, and the Council hope, that with the water protected, and the additional ground enclosed, the Zoological Society will also become an Acclimatation

Society, to introduce and extend through the country new varieties of animals, but particularly of waterfowl, which furnish so vast a proportion of food and luxuries to man, without encroaching on the domains of the other divisions of the animal kingdom, or on the food of man.

Laying these views before you, the Council ask for your subscription towards the erection of the Boundary Fence. They have no fund whatever, available for the purpose. All the funds at their command are scarcely sufficient for the present maintenance of the Gardens.

There is one other consideration on which the Council would ask for your support.

From the foundation of the Zoological Society to the present time, a period of thirty-two years, its successive Councils, have kept in view as their foremost object, the intellectual recreation and instruction of the working classes. They were the first in the United Kingdom to open their Gardens on Sundays after the hour of Divine Service, to win those classes from the bad air of cities and destructive neighbourhood of whiskey and gin shops, to pure air and purer enjoyments, and in addition, on every week day in summer, the Gardens are open from 6 o'clock to dusk, at a rate accessible to all—one penny; while, still further, the children from all public Charitable Institutions are admitted gratis, in charge of their teachers.

A sum of at least four hundred pounds will be required for the proposed improvement.

Your contribution is solicited, and as soon as convenient. The Council will not commence the undertaking until they feel assured they can command success.

The Members of the Council, the Honorary Secretaries, Mr. MONTGOMERY, Secretary, will receive subscriptions; and the Superintendent, Mr. BATHO, at the Gardens, is also authorised to receive Subscriptions and give receipts.

HANS IRVINE, M.B.	} <i>Hon. Secretaries.</i>
B. M'DOWEL, M.D.	

JAMES W. MURLAND,	} <i>Hon. Treasurers.</i>
25, Fitzwilliam-square.	
ROBERT D. LYONS,	
8, Merriion-square, West.	

# FENCE FUND.

## SUBSCRIPTIONS RECEIVED.

	£	s.	d.
HER MAJESTY THE QUEEN .. .. .	25	0	0
His Excellency the Lord Lieutenant .. .. .	5	0	0
The Right Hon. the Lord Chancellor . . . . .	5	0	0
The Right Hon. the Lord Justice of Appeal, .. .. .	5	0	0
The Right Hon. Lord Viscount Powerscourt .. .. .	10	0	0
Sir Thomas Larcom, K.C.B. .. .. .	5	0	0
The Hon. Baron Hughes .. .. .	1	0	0
Dr. Corrigan, President R.Z.S.I. .. .. .	5	0	0
J. W. Murland, Esq. .. .. .	5	0	0
Dr. Croker .. .. .	5	10	0
The Right Hon. Sir George Brown, K.C.B. .. .. .	5	0	0
The Right Hon. the Marquis of Headford .. .. .	5	0	0
The Right Hon. Lord Viscount Templetown .. .. .	5	0	0
The Right Hon. Mr. Justice Fitzgerald .. .. .	5	0	0
Hon. Mrs. Fitzgerald .. .. .	1	0	0
Hon. Margaret Southwell .. .. .	1	0	0
Right Hon. J. Napier .. .. .	5	0	0
Benjamin Lee Guinness, Esq. .. .. .	10	0	0
J. J. Lalor, Esq. .. .. .	5	0	0
Robert Sullivan, Esq., LL.D. .. .. .	1	0	0
D. Corbett, Esq. .. .. .	1	0	0
James Haughton, Esq. .. .. .	1	0	0
The Right Hon. the Lord Mayor .. .. .	3	0	0
Thomas Kelly, Esq. .. .. .	1	0	0
Charles Haliday, Esq. .. .. .	1	0	0
Sir Henry Brownrigg, K.C.B. .. .. .	1	0	0
Dr. Foot .. .. .	2	2	0
R. Callwell, Esq. .. .. .	3	0	0
Hans Irvine, Esq. .. .. .	2	0	0
Sir R. Griffith, Bart. .. .. .	3	0	0
John Good, Esq. .. .. .	3	0	0
Rev. Professor Haughton, F.T.C.D. .. .. .	1	1	0
William R. Lefanu, Esq. .. .. .	5	0	0

	£	s.	d.
M. J. O'Kelly, Esq. .. .. .	1	0	0
James A. Lyle, Esq. .. .. .	3	0	0
J. Lentaigne, Esq., D.L. .. .. .	5	0	0
Dr. Benson .. .. .	1	1	0
William I. Doherty, Esq. .. .. .	1	0	0
Dr. Tufnell .. .. .	1	1	0
Colonel Le Poer Trench .. .. .	1	0	0
G. R. Symes, Esq. .. .. .	0	10	0
Sir E. Grogan, M.P. .. .. .	1	0	0
The Right Hon. the Attorney-General .. .. .	5	0	0
The Hon. the Solicitor-General .. .. .	5	0	0
John Vance, Esq., M.P. .. .. .	1	0	0
Mr. Sergeant Sullivan .. .. .	5	0	0
T. M. Gresham, Esq. .. .. .	3	0	0
J. L. O'Ferrall, Esq., D.L. .. .. .	1	0	0
James O'Ferrall, Esq. .. .. .	1	0	0
The Hon. Mr. Justice Christian .. .. .	1	0	0
Charles Leslie, Esq. .. .. .	2	2	0
M. B. Mullins, Esq. .. .. .	5	0	0
The Right Hon. the Lord Chief Justice Monahan .. .. .	3	0	0
The Right Hon. the Lord Chief Baron .. .. .	3	0	0
Sir Bernard Burke (Ulster) .. .. .	2	0	0
Lady Burke .. .. .	1	0	0
J. Beete Jukes, Esq. .. .. .	1	1	0
F. Codd, Esq. .. .. .	1	0	0
Dr. Hutton, .. .. .	5	0	0
Thomas M. Hutton, Esq. .. .. .	2	0	0
William Harvey Pim, Esq. .. .. .	5	0	0
M. C., per R. Callwell, Esq. .. .. .	1	0	0
H. Williamson, Esq. .. .. .	1	0	0
Colonel M'Kerlie .. .. .	2	0	0
Right Hon. Lord Talbot de Malahide .. .. .	2	0	0
Dr. Lyons .. .. .	1	1	0
James Wilson, Esq. .. .. .	1	0	0
Michael Cahill, Esq. .. .. .	1	0	0
Frederick Barrington, Esq. .. .. .	1	0	0
Richard Barrington, Esq. .. .. .	2	0	0
John Byrne, Esq. .. .. .	1	0	0
John Hollwey, Esq. .. .. .	1	0	0
William Allen, Esq., J.P. .. .. .	1	0	0
Sir Thomas Staples, Bart., Q.C. .. .. .	3	0	0
Dr. Banks .. .. .	3	0	0
G. W. Hemans, Esq., C.E. .. .. .	2	2	0
Charles Lanyon, Esq. .. .. .	2	0	0
William Dargan, Esq. .. .. .	2	0	0

					£	s.	d.
Croker Barrington, Esq.	..	..	..	..	2	0	0
William Anderson, Esq.	..	..	..	..	2	0	0
Benjamin Flemyng, Esq.	..	..	..	..	1	0	0
Charles P. Cotton, Esq.	..	..	..	..	1	0	0
Thomas H. Guinness, Esq.	..	..	..	..	1	0	0
Lord Annally	..	..	..	..	5	0	0
Fielding Scovell, Esq.	..	..	..	..	1	0	0
Jonathan Pim, Esq.	..	..	..	..	2	0	0
G. H. Harrington, Esq.	..	..	..	..	1	0	0
The Hon. Judge Longfield	..	..	..	..	1	0	0
Joseph Hone, Esq.	..	..	..	..	1	0	0
Robert Wybrants, Esq.	..	..	..	..	1	0	0
Mrs. Wybrants	..	..	..	..	1	0	0
Acheson Lyle, Esq.	..	..	..	..	2	0	0
Colonel Durnford	..	..	..	..	1	0	0
Dr. Templeton	..	..	..	..	1	0	0
M. Blackiston, Esq.	..	..	..	..	1	0	0
John Wilson, Esq.	..	..	..	..	1	0	0
Dr. Hatchell	..	..	..	..	1	0	0
Richard Martin, Esq.	..	..	..	..	5	0	0
P. Sweetman, Esq.	..	..	..	..	2	0	0
John Young, Esq.	..	..	..	..	1	0	0
Dr. Adams	..	..	..	..	1	0	0
F. Hayden, Esq.	..	..	..	..	1	0	0
Sir Thomas Esmonde, Bart.	..	..	..	..	5	0	0
The Dowager Lady Fetherston	..	..	..	..	10	0	0
His Grace the Duke of Leinster	..	..	..	..	5	0	0
R. J. Montgomery, Esq.	..	..	..	..	1	0	0
M. O'Brien, Esq.	..	..	..	..	1	0	0
Mrs. Maher, Tullamaine Villa	..	..	..	..	1	0	0
Alderman Atkinson	..	..	..	..	2	0	0
Dr. Brady	..	..	..	..	0	10	0
Mr. William Geale	..	..	..	..	1	0	0
Dr. M'Donnell, P.L.G.	..	..	..	..	2	0	0
Alexander M'Donnell, C.E.	..	..	..	..	1	0	0
James M'Donnell, Esq.	..	..	..	..	1	0	0
R. M'Donnell, M.D.	..	..	..	..	2	0	0
Dr. A. Jacob,	..	..	..	..	1	1	0
H. H. Stewart, Esq.	..	..	..	..	3	0	0
Dr. Ireland	..	..	..	..	1	0	0
J. Woodlock, Esq.	..	..	..	..	1	0	0
Dr. B. M'Dowel	..	..	..	..	1	1	0
S. Bewley, Esq.	..	..	..	..	2	0	0
Miss Bewley	..	..	..	..	2	0	0
J. Todhunter, Esq.	..	..	..	..	2	0	0



	£	s.	d.
H. Thompson, Esq. .. .. .	2	0	0
Thomas Hone, Esq. .. .. .	3	0	0
Alexander Findlater, Esq. .. .. .	5	0	0
Adam Findlater, Esq. .. .. .	1	0	0
H. M. Barton, Esq. .. .. .	2	2	0
Arthur Barrington, Esq. .. .. .	1	0	0
Manliff Barrington, Esq. .. .. .	1	0	0
Jacob Owen, Esq. .. .. .	1	0	0
David Fitzgerald, Esq. .. .. .	1	0	0
Gilbert Sanders, Esq. .. .. .	1	0	0
John Connolly, Esq. .. .. .	5	0	0
Richard Williams, Esq. .. .. .	1	0	0
Maxwell Hamilton, Esq. .. .. .	1	0	0
Right Hon. Alexander M'Donnell .. .. .	2	0	0
Henry Kennedy, M.B. .. .. .	1	0	0
Thomas Pim, Esq. .. .. .	1	0	0
Right Hon. Edward Lucas .. .. .	1	1	0
J. G. Rathborne, Esq. .. .. .	1	1	0
Lord Viscount Bangor .. .. .	5	0	0
Gilbert Burns, Esq. .. .. .	5	0	0
Robert Ball, Esq. .. .. .	1	0	0
George Browne, Esq. .. .. .	0	5	0
Gerald Fitzgibbon, Esq., M.C. .. .. .	2	0	0
Lt.-Col. Leach, R.E. .. .. .	2	0	0
Joseph Hone, Esq. .. .. .	1	0	0
William Hogg, Esq. .. .. .	1	0	0
"According to promise, by a Member" .. .. .	50	0	0
William Doolin, Esq. .. .. .	0	10	0
H. B. Johnson, .. .. .	1	0	0
H. Jamieson, Esq. .. .. .	1	0	0





The Thirty-third

ANNUAL REPORT

OF

The Royal Zoological Society

OF IRELAND,

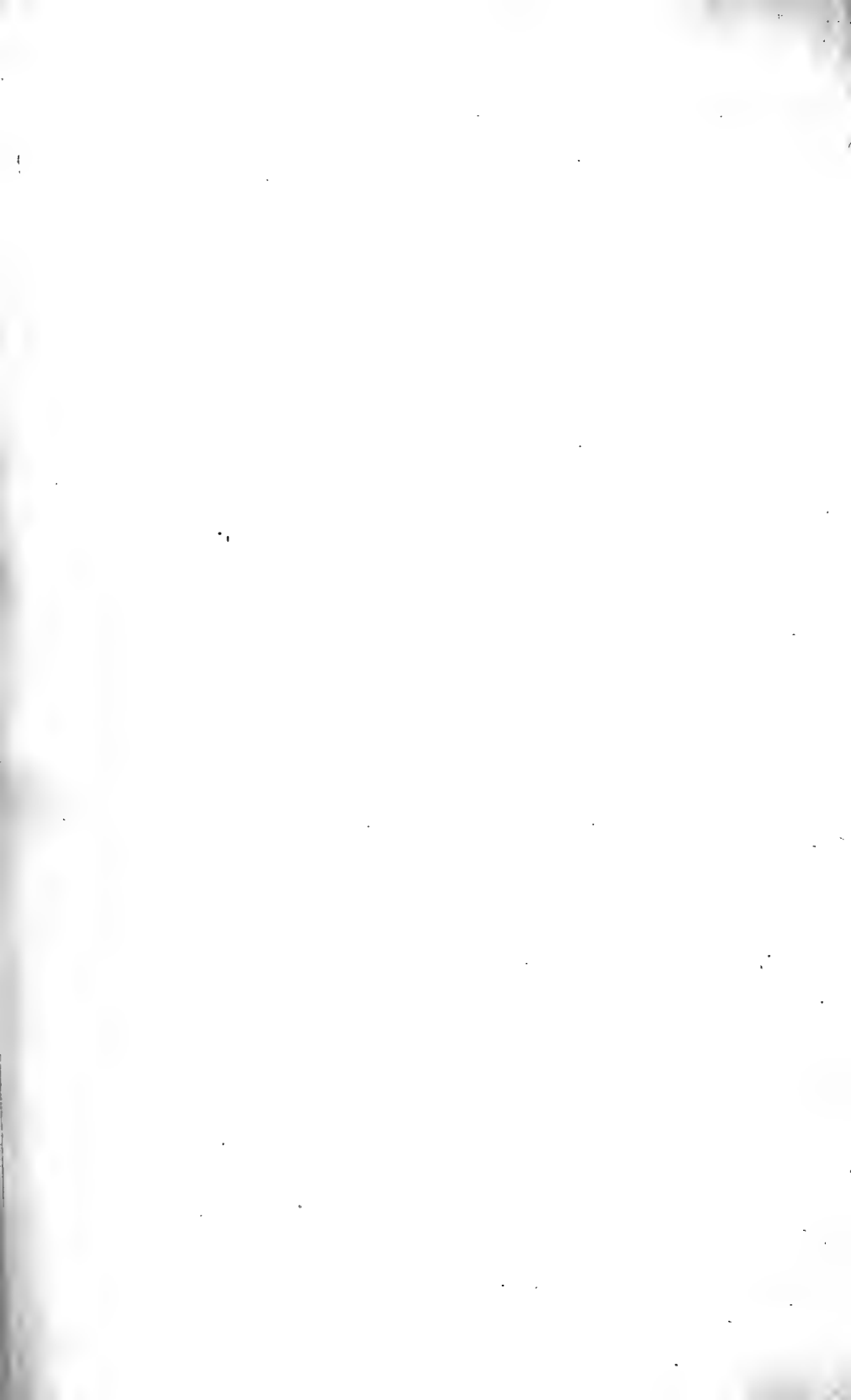
FOR THE YEAR 1864-5.



DUBLIN :

BROWNE AND NOLAN, PRINTERS,  
NASSAU-STREET,

1865.



# OFFICERS AND COUNCIL, 8th MAY, 1865.

## Patroness.

HER MAJESTY THE QUEEN.

## Ex-Presidents.

HIS GRACE THE DUKE OF LEINSTER.  
THE MARQUIS OF KILDARE.  
LORD TALBOT DE MALAHIDE.  
DR. CORRIGAN.

## President.

VISCOUNT POWERSCOURT.

## Vice-Presidents.

CALLWELL, R., M.R.I.A.  
LARCOM, MAJOR-GENERAL SIR THOMAS, K.C.B.  
LENTAIGNE, JOHN, D.L.  
MURLAND, J. W., ESQ.  
O'HAGAN, RIGHT HON. JUDGE.

## Secretaries.

M'DOWEL, PROFESSOR, M.D. | HAUGHTON, REV. S., M.D., F.R.S.

## Treasurer.

SANDERS, GILBERT, M.R.I.A.

## Council.

ANDREWS, W., M.R.I.A.  
BANKS, PROFESSOR, M.D.  
BENSON, PROFESSOR, M.D.  
CROKER, C. P., M.D.  
FOOT, A. W., M.B.  
GOOD, JOHN, Esq.  
IRVINE, HANS, M.B.  
JACOB, ARCHIBALD H., M.D.  
JUKES, J. BEETE, Esq. M.A., F.R.S.  
LE FANU, W. R., C.E.  
LYONS, ROBERT D., M.B.  
MARTIN, RICHARD., Esq.  
M'DONNELL, R., M.D.  
O'KELLY, M. J. Esq.  
TEMPLETON, R., M.D., Dep. Insp.-Gen.  
MONTGOMERY, R. J., Esq., *Assistant Secretary.*



# Laws and Regulations

OF

## THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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### CHAPTER I.—THE CONSTITUTION.

1. The Society consists of Ordinary Members and Honorary Members.

2. The Officers shall be chosen from amongst the Ordinary Members, and shall be

A President,  
Five Vice-Presidents,  
Two Secretaries, and  
A Treasurer,

who, together with fifteen other Ordinary Members of the Society, shall constitute the Council.

3. The Officers and Council, for each year, shall be elected at the Annual General Meeting, by the Members of the Society.

4. But in case any Officer, or other Member of the Council shall die or resign, the Council may appoint a Member to supply his place, until the next Annual Meeting.

### CHAPTER II.—THE MEMBERS.

1. Every person wishing to become a member of the Society must be proposed in writing to the Council, by one Member of Council, and seconded by another; and upon election and payment of his admission fee, such person shall be a Member of the Society.

2. But he shall not exercise the privileges of a Member until his first year's subscription is paid in advance.

3. The Admission Fee shall be *One Pound*, the Annual Subscription *One Pound*, and the composition for life, in lieu thereof, *Ten Pounds*.

4. The annual subscription shall be due on the first of January, in each year, and shall be payable in advance.

5. If the Subscription of any Member is not paid within one year after it is due, he shall cease to be a Member until he shall have paid up his arrears.

6. No person becoming a Member after the first day of October in any year shall be liable for the Subscription of that year.

7. No person shall exercise the privileges of a Member until he shall have paid his subscription for the current year.

8. Ladies may be admitted as Members upon the same terms, and with the same privileges, as Gentlemen.

9. Each Member of the Society shall have privilege of free admission to the Gardens for himself and two companions, and with any number of his children under twelve years of age. Wives of Members have similar privileges in absence of their husbands. And Governesses or other female residents in a Member's house are admitted with his children on having a card properly filled up. Such cards can be supplied by the Secretaries of the Society, on application.

### CHAPTER III.—HONORARY MEMBERS.

1. Distinguished persons may be elected Honorary Members without annual or other payment, by a vote of the Society, at any of its meetings, upon the previous recommendation of the Council.

2. Honorary Members shall have the same privileges as other Members, except that of voting at the Meetings.

3. The number of Honorary Members limited to twenty.

### CHAPTER IV.—THE OFFICERS.

#### *The President.*

1. The President shall preside at all meetings of the Society and Council, when present, and shall generally superintend the affairs of the Society.



2. The same person shall not be President for more than five successive years.

3. Ex-Presidents shall continue to be Honorary Members of Council.

*Vice-Presidents.*

1. Of the five Vice-Presidents, two at least shall go out at each election, but this shall not prevent their continuing Members of the Council in another capacity.

2. The Vice-Presidents shall supply the place of the President in his absence.

*The Secretaries.*

It shall be the duty of the Secretaries to see to the execution of the rules, orders, and directions of the Society and Council.

*The Treasurer.*

No money shall be paid by the Treasurer, except upon the written order of the Council, signed by at least three of its Members.

CHAPTER V.—THE COUNCIL.

1. Three Members shall form a Quorum.

2. The Council shall meet at such times as they shall themselves determine.

3. It shall be the duty of the Council to conduct the business of the Society, subject to the laws and regulations of the Society at large.

4. All questions shall be decided by the majority of voices, and where the numbers are equal the Chairman shall have a casting voice; but he shall not vote except in such case.

5. The Council may summon a meeting of the Society for scientific purposes whenever they think fit, stating the object of such Meeting; and at such Meeting no business but that stated in the notice shall be discussed.

6. At least three of the Council shall go out at each election.

7. No Member of the Society having any contract with the

Society or Council for which payment is to be made shall be eligible to a seat in the Council in any capacity; and if the name of any Member of the Society having a contract with the Society, or receiving any fee or emolument from the Society, shall be found in the ballot, that name shall be set aside by the Chairman, notwithstanding any number of votes that may be appended to it; and if any Member or Officer of the Council enter into any contract with the Society, or receive from it any fee, payment, or emolument, his seat shall become, *ipso facto*, vacant in the Council, and the Council shall immediately summon a Meeting of the Society, to elect a Member to the vacant place.

#### CHAPTER VI.—THE ANNUAL MEETING.

The Annual Meeting shall be held on the second Tuesday of May in each year, for the purpose of electing the Council and Officers for the ensuing year, and of hearing the Report of the Council read, and auditing the accounts:

##### *Election of Officers.*

1. The Council for the time being shall annually cause to be prepared a list of persons whom they recommend to be Officers and Council for the ensuing year.

2. The list shall distinguish the three or more Members proposed to be removed, and the three or more proposed to be elected in their room, and it shall be transmitted to each Member residing in Dublin, by post, along with a notice of the time and place of the General Meeting, to be sent at least seven days before the day of Meeting.

3. The chair shall be taken at four o'clock, when the ballot shall commence, and continue open for one hour, at the expiration of which time the Chairman shall proclaim that the time had arrived when the ballot should close, and order the porter not to admit any other Members into the room, and then the Chairman shall call on the Members in the room, who have not balloted, to come forward and ballot, and the scrutiny shall forthwith take place; and those persons to whose names the

greater number of marks shall have been affixed shall be declared duly elected, in the order and places in which they stand, provided at least three new Members be elected, but if not, then those of the proposed Members who have the least number of marks shall be rejected, until at least three former Members are excluded, and their places shall be filled by those who have the next greatest number of marks.

4. If two or more names have the same number of marks, the order of preference shall be decided by lot.

### *General Business.*

1. No motion respecting a change in the laws or constitution of the Society shall be discussed or voted upon, at the Annual or other Meeting, except as hereafter provided, unless notice thereof be given in writing, to the Council, at least one month before such Meeting; the Council to give seven days' notice to the Members, as before ordered.

2. But the Council may propose, and bring to the vote, any measure or question, at any of the Meetings of the Society, provided it shall have been under their consideration for at least one month, and that notice thereof be given to the Members in the circular notices of such Meeting, at least seven days previous to the day of Meeting.

## CHAPTER VII.—THE GARDENS.

1. Any person enrolling his name in a book kept at the gate of the Gardens, and paying One Pound a year, shall be a Subscriber, and shall have the same privileges of ingress to the Gardens as a Member of the Society.

2. The Council shall have the power of suspending all rights of free entrance to the Gardens, upon the day of a public fete, or similar occasion, when such shall be given for the benefit of the Society.

## MEMORANDA.

The Gardens are open to the public each week day, from nine o'clock in the morning, and on Sundays from two o'clock in the afternoon, until sunset.

Price of Admission to Non-subscribers, on week-days, Sixpence; and on Sundays, after two o'clock, One Penny.

Annual Promenade, admission Two Shillings and Sixpence; two tickets given to each Member.

# ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

The Thirty-third Annual Meeting of the Society was held in the Board-room of the Royal Dublin Society, on the 8th May, 1865,

VISCOUNT POWERSCOURT in the Chair.

The Rev. Dr. HAUGHTON, one of the Honorary Secretaries, read the following

## Report of Council.

YOUR Council beg leave to lay the following Report for the year ending 1st May, 1865, before the Members of the Society.

The visitors to the Gardens during the past year amounted to 136,786 persons, showing a considerable increase in numbers, as compared with the visitors of the preceding year.

These visitors, and their money value to your Society may be classified as follows:—

### 1. Free Visitors, viz:—

Members,	...	...	...	4,401
Schools, &c.	...	...	...	1,735

### 2. Admissions:—

at Sixpence	...	£564	18	6	...	22,597
at One Penny	...	450	4	6	...	108,054
Total,		£1,015	3	0		136,787

If the history of the Society be divided into three periods, viz., from 1832 to 1840, from 1841 to 1854,

and from 1855 to 1864, it will be found that the following average yearly sums were obtained from admissions to the Gardens, and from Members' Subscriptions.

	Admissions.	Subscriptions.
1. First period (nine years)	£959	£573
2. Second period (fourteen years)	648	336
3. Third period (ten years)	827	243

The first of these periods corresponds with the time when the uniform admission fee to the Gardens was sixpence; and the third period is that, during which the Society has enjoyed the National Grant of £500 per annum.

The financial condition of the Society has engaged the anxious attention of your Council during the past year, and shortly before Christmas, 1864, it was felt to be impossible, with honour, to postpone any longer the payment of certain bills due, amounting to £304 19s. 9d. Your Council felt reluctant to make a renewed appeal to the liberality of the general public, which had contributed already so promptly to the special appeal of the Fence Fund Committee, and they accordingly adopted, in preference, the following Resolution at a Special Meeting convened to consider the financial position of the Society, on the 24th of December, 1864:—

“That each Member of Council advance £12 to enable the Council to pay off the above debt of £304 19s. 9d.; such contribution to be a loan to the Society, to be paid off as soon as possible.”

This Resolution was responded to by 21 Members of Council, who have thus become Creditors to the

Society, to the extent of £252. In addition to this loan, the Council received Donations to the amount of £52 5s., as set forth in the following list, which raised the Special Fund to £304 5s., with which the liabilities referred to above, were discharged.

## LIST OF DONATIONS—1865.

	£	s.	d.
Viscount Powerscourt ... ..	25	0	0
Mr. Andrews ... ..	1	0	0
Mr. Williams ... ..	1	0	0
General Hall ... ..	2	0	0
Mr. Graham ... ..	1	0	0
Dr. Stewart ... ..	2	0	0
Mrs. Williamson ... ..	1	1	0
Mrs. Magee ... ..	1	1	0
Miss Magee ... ..	1	1	0
Mrs. Clancy ... ..	1	1	0
Mrs. Kenny ... ..	1	1	0
Mr. Malcolmson (Portlaw) ... ..	1	0	0
Mr. R. Hutton ... ..	2	0	0
Major-General Larcom ... ..	12	0	0
	£52	5	0

Shortly afterwards the following circular was issued to the Members of the Society, in order to induce them to exert themselves to procure additional Members, and has already produced the gratifying effect of adding eighty-one new Members, and five Garden Subscribers to the lists of the Society:—

The President and Council desire to draw your attention to the following:—

The Council have incurred a large debt, £700, in their efforts to maintain the Gardens.

In the year 1839, the Council were obliged to sell all the Carnivora, in consequence of their inability to maintain them.

The cost of maintenance of the Carnivora may be appreciated from the following Table :—

Annual Cost of maintenance of a Lion,	£66
„ Tiger,	£66
„ Leopard,	£12
„ Jaguar,	£12
„ Hyæna	£12
„ Polar Bear,	£26
„ Black Bear.	£16
„ Seal,	£50

Loud complaints were then made, and assurances were given, that if the larger Carnivora, viz., Lions, Tigers, Leopards, &c., were replaced, public support would be cheerfully and freely given.

The Council replaced the Carnivora at very great cost. They have obtained in addition, as a gift, from Colonel MONTGOMERY, two magnificent Royal Bengal Tigers, the freight and feeding of which, from Calcutta home, amounted to £160; and with the kind aid of Sir C. TREVELYAN, K.C.B., a fine young Rhinoceros, for £165, purchase and freight included. The cost of a pair of Royal Bengal Tigers in ordinary course is about £500, and of a Rhinoceros not less than £400.

The President and Council regret to be obliged to state that they have not been supported in their efforts by the Public, as they had a right to expect, and there now hangs over the Society a debt of £700, resulting from the purchase of animals, the building of houses, and the cost of maintenance.

The amount of Subscriptions received during the past year amounts only to £217.

Under these circumstances the President and Council request your early payment of subscription, now due, for 1865, and they, moreover, earnestly ask you to use your exertions and influence to increase the number of Members. They ask you to obtain at least two. If each member will kindly do this, the sum of £400 may be added to the funds, which will enable the Council to maintain the Gardens in their present efficient state. Otherwise the Council, disappointed in the assurances of support



on which they had relied, must again do as they were before obliged to do, sell their whole stock of Carnivora, which are very expensive to purchase and to maintain.

The Council, in order to pay off immediately the most pressing portion of the present debt, have incurred a personal responsibility to the amount of £300, but it cannot be expected that the Council will continue to remain under this responsibility.

It is to be observed that the regulations of these Gardens are more liberal than those of any other gardens in Europe.

At the Zoological Gardens, Regent's Park, London, the price of admission is one shilling, none but members and persons on members' orders being admitted on Sundays, and the lowest annual subscription is £3.

At the Jardin d'Acclimatation in Paris, the lowest rate of admission is one franc. In Antwerp, residents of the city are not admitted at all on payment at the entrance, on the principle that all residents should be subscribers. The lowest rate of admission to strangers is one franc, the Gardens being opened on two or three fete days only in the year, to the working classes gratuitously.

The following are the liberal regulations of the Gardens for which your support is now requested:—

“The Gardens are open to the public each week day, from nine o'clock in the morning, and on Sundays from two o'clock in the afternoon until sunset.

“Admission to Non-subscribers, on week days, sixpence; on Sundays after two o'clock, one penny.

“Members and Garden Subscribers have free admission for themselves and two companions, and for their children under twelve years of age. Wives of Members and Garden Subscribers have same privileges in absence of their husbands; and governesses or other female residents in a Member's or Subscriber's house, are admitted with his children, on a card supplied by the Assistant Secretary on application.”

Trusting to your kind and prompt compliance with the present

request of the President and Council, we have the honour to remain,

BENJAMIN M'DOWEL, }  
SAMUEL HAUGHTON, } HON. SECS.

31st December, 1864.

P.S.—Please to forward to “The Honorary Secretaries, Royal Zoological Society, Phoenix Park,” the names and addresses of such of your friends as may desire to become Members.

It appears from Appendix A, that the total gain to the Society, during the year, of Members and Garden Subscribers, has been—

Members	...	...	...	...	...	97
Garden Subscribers	...	...	...	...	...	6
						<hr/>
Total	...	...	...	...	...	103

Your Council have received the following report from the Fence Fund Committee, from which it appears that £437 6s. were received in subscriptions, and that the entire fence has been completed and paid for, with the exception of about £20.

COPY OF MR. MURLAND'S LETTER.

“25, Fitzwilliam-square,  
“8th April, 1865.

“Dear Sir,

“I beg to report to the Council of the Zoological Society, that the amount received by Dr. Lyons and myself, as Treasurers of the ‘Fence Fund,’ was as follows:—

Subscriptions,	...	£437	6	0
Interest from Northern Bank	...	6	11	11
				<hr/>
		£443	17	11

“Of this amount we have paid—

Messrs. Kennan and Sons,	...	£433	6	7
For Printing,	...	0	8	0
				<hr/>
		£433	14	7

We have in hands,

		10	3	4
				<hr/>
		£443	17	11

“ which we propose to hand over to the Zoological Society, and then there are two subscriptions amounting to £3 still unpaid.

“ We have further to report that MESSRS. KENNAN have been paid in full for the Fence, but that £34 remain due to them for the Turnstyle.

“ Yours faithfully,

“ Signed, JAMES W. MURLAND.

“ R. J. MONTGOMERY, Esq., Sec.,

“ Zoological Gardens.”

The liabilities of the Society, exclusive of £252, due to 21 members of Council, are now reduced to £102 17s., which it is hoped that a further accession of new Members will enable the Council to discharge shortly.

The attention of the Council has been also directed to the subject of a wise economy in the purchase of provisions and other details of the management of the Gardens. This has resulted in a considerable reduction of the weekly expenditure on food and wages, without any diminution in the substantial comforts of the animals under their care.

Appendix *B* contains the names of Animals purchased, presented, and born in the Gardens, during the past year.

It is right that the thanks of the Society should be formally conveyed to the London Zoological Society, the Acclimatisation Society, Sir John Young, Viscount Bangor, Dr. Parvin, Mr. Eustace Smith, Mr. S. R. Graves, and the other gentlemen to whose liberality we are so largely indebted.

Appendix *C* contains the list of the animals

lost by death or sold during the year, on which a few remarks may be made.

It may be observed in general, that the great mortality among the Quadrumans is not occasioned by tuberculous disease, but by defective conditions of food and ventilation, which are not capable of remedy without a larger expenditure of money than the financial condition of the Society at present warrants. In spring and summer all these animals should be placed out of doors, and in winter accommodated with comfortable quarters in well-ventilated houses. Neither of these objects can be attained without a considerable outlay of money.

The lamentable deaths of the Cob and Pen Swans and their brood of Cygnets, were occasioned by dogs that formerly had free access to the Society's lake from its open side; and one of the most important advantages gained from the enclosure of this pond is the security with which the water-fowl may in future disport themselves and rear their progeny in peace.

The King Crabs died of ulcerations of the gills, which appeared to be caused by some unknown deficiency in the due supply of aerated water to those organs, owing to causes difficult of removal in the case of such rare crustaceans living in an artificial estate.

The handsome pigtailed Macaque died of tuberculous disease.

The Otter, Monk Vulture, and famous Goat of Lambay, died of sheer old age, having amused the visitors to the Gardens for many years.

The unexpected death of the young Rhinoceros,

after a residence of only eight months in the Gardens, has inflicted a heavy blow on the Society. He appears to have been in delicate health on his arrival, having suffered from fits of convulsions, the cause of which may have been the tapeworms, found after death. He died on the 6th April, after an illness of only twelve hours' duration, every effort of veterinary skill having proved insufficient to save his life.

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The foregoing Report was adopted—

Mr. J. B. JUKES, in the absence of the Treasurer, read and moved the adoption of the Treasurer's Account sheet for the year, which was adopted by the Meeting.

Dr. CORRIGAN then proposed, and Rev. Professor HAUGHTON seconded, the following changes in the Bye-Laws, which were adopted by the Meeting:—

“That the words ‘of Council’ be inserted after ‘Member,’ in chap. II., sect. I., line 2.

“That all the words following the words ‘*Ten Pounds,*’ in chap. II., sect. 3, be omitted.”

The Ballot having been closed, the Council List proposed by the retiring Council was declared duly elected.

Rev. Professor HAUGHTON, and Mr. J. B. JUKES, having moved and seconded a resolution that Dr. CORRIGAN do take the chair; the thanks of the meeting were voted to Viscount POWERSCOURT, President of the Society.

His Lordship having responded, the Meeting was adjourned.

# Statement of Accounts of the Royal Zoological Society of Ireland, for the Year ending 1st May, 1865.

CHARGE.	DISCHARGE.
Admission to Gardens.	Balance against Society last year, £60 9 1½
Members free .. 4,401	Animals purchased, and Cost of
Visitors at 2s. 6d. .. —	Conveyance .. .. 147 16 9
" at 1s. .. —	Provisions .. .. 1009 18 1½
" at 6d. .. 22,597 .. £564 18 6	Incidental Expenses .. .. 225 6 1
" at 1d. .. 108,054 .. 450 4 6	Salaries and Wages .. .. 567 17 4
Total .. .. £1,015 3 0	Buildings, Plantations, &c. .. 115 7 5
Schools and Public	Interest on Debentures, .. .. 3 0 0
Institutions free 1,735	£2,129 14 10
Total Admissions 136,787	Balance in hands .. .. 26 10 2
Government Grant .. .. 500 0 0	
Members' Subscriptions and Admission Fees 412 3 0	
Animals, &c., sold .. .. 228 19 0	
Total .. .. £2,156 5 0	£2,156 5 0

GILBERT SANDERS, *Treasurer.*

# List of Members

OF

THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

---

## HONORARY MEMBERS.

- 1 Agassiz, Professor, Cambridge, Massachusetts.  
Bell, Professor, F.R.S., Linnæan Society, London.  
Carus, M. Victor, Museum, Leipsic.  
Gould, John, F.R.S., 26, Charlotte-street, Bedford-square,  
London.
- 5 Grant, Professor, F.R.S., University College, London.  
Graves, S. R., Esq., Liverpool.  
Gray, J. E., D.C.L., British Museum.  
Jenyns, the Rev. L., F.R.S., Straffham.  
Jones, Professor Rymer, F.R.S., London.
- 10 Lea, Isaac, LL.D., Philadelphia.  
Leach, Lieutenant-Colonel, R.E., Highgate, London.  
Montgomery, Lieutenant-Colonel, G.S., H. M. Indian Army.  
Ogilby, William, Dunamanagh, Co. Tyrone.  
Owen, Professor, F.R.S., British Museum, London.
- 15 Rupell, M. M., Frankfort.  
Selby, J. Prideaux, Twisell House, Northumberland.  
Selator, P. Lutley, Ph. D. F.R.S., Secretary, London Zoolo-  
gical Society.  
Trevelyan, Sir Charles, K.C.B., Indian Service.  
Young, Sir John, Bart., K.C.B.

## LIFE MEMBERS.\*

- 1 Adams, Captain John, R.N., Kingstown  
 Allen, Richard Purdy, 4, Somerville-terrace, N. Circular road  
 Annaly, Right Hon. Lord, Woodlands, Lucan  
 Archer, W., Secretary, Dublin Natural History Society,  
 8, Upper Pembroke-street
- 5 Armstrong, Andrew, Claddagh, Bray, and 16½, D'Olier-st.  
 Arthur, Lieutenant-Colonel, 3rd Dragoon Guards  
 Atkinson, Richard, Highfield House, Rathgar  
 Bagot, Charles, 28, William-street  
 Ball, Robert, 3, Granby-row
- 10 Bangor, the Right Hon. the Lord, Castle Ward, Downpatrick  
 Banks, J. T., M.D., 10, Merrion-square, E.  
 Barker, William Oliver, M.D., 6, Gardiner's-row  
 Barker, Richard Oliver, 6, Gardiner's-row  
 Barker, John, M.D., Waterloo-road
- 15 Bewley, Samuel, Jun., 6, Dame-street  
 Bloomfield, Benjamin, 33, Kildare-street  
 Bookey, Mrs. William, Rathdrum  
 Bomford, George, Oakley Park, Kells  
 Brady, Right Hon. Maziere, Roundtown
- 20 Brady, Maziere J., 2, Wilton-place  
 Brereton, W., Q.C., 65, Fitzwilliam-square  
 Bridgeford, W. B., 148, Sackville-street  
 Brooke, W., M.C., Taney Hill, Dundrum  
 Browne, R. Clayton, Viewmount, Carlow
- 25 Burke, Sir Bernard (Ulster), Dublin Castle  
 Burton, Decimus, F.R.S., 37, Gloucester Gardens, Bays-  
 water, London  
 Butler, Lord John, Drumcondra Castle  
 Callwell, Robert, 25, Herbert-place

\* From several causes this list is imperfect. It is hoped that Members will excuse any errors; on their being notified to the Assistant-Secretary they shall be corrected.



- Carte, William, M.D., Royal Hospital, Kilmainham
- 30 Clarendon, the Right Hon. the Earl of, Grosvenor Crescent,  
Belgrave-square, London
- Connolly, John, Kilmore, Artane
- Corlett, Henry, 115, Summer-hill
- Corrigan, Dominick J., M.D., 4, Merrion-square, W.
- Corrigan, William J., 4, Merrion-square, W.
- 35 Courtney, Henry, 24, Fitzwilliam-place
- Croker, C. P., M.D., 7, Merrion-square, W.
- Cusack, Ralph S., J.P., Bohomer, St. Doulough's
- Dixon, George, Erne-street
- Dixon, Rev. Dr., T.C.D.
- 40 Dowse, R., 38, Mountjoy-square, S.
- Dunraven, the Right Hon. the Earl of, Adare Manor
- Esmonde, the Right Hon. Sir Thomas, Ballynastra, Gorey
- Evatt, Robert B., D.L., 6, Kenilworth-square, Rathmines
- Farnham, Right Hon. Lord, Farnham, County Cavan
- 45 Fetherston, Dowager Lady, Ardagh House, Edgeworthstown
- Findlater, Alexander, Slopes, Kingstown
- Gresham, Thomas M., Raheny Park
- Halliday, Alexander H., J.P., 23, Harcourt-street
- Hamilton, Maxwell, 16, Merrion-square, N.
- 50 Harrison, Mrs. Mary, Inchicore Lodge
- Haughton, Rev. Samuel, M.D., F.R.S., Trinity College
- Hayes, Mr. Justice, 25, Mountjoy-square
- Headford, the Most Hon. the Marquess of, Headford House,  
Kells
- Hogg, William (T. Bewley & Co.), Cope street
- 55 Hone, Nathaniel, St. Doulough's Park
- Hone, Thomas, 5, Foster-place
- Howth, the Right Hon. the Earl of, Howth Castle
- Hutton, Edward, M.D., 5, Merrion-square, S.
- Hutton, Thomas, D.L., J.P., Elm Park
- 60 Ingram, Hull, 7, Parkgate-street
- Ireland, Richard S., M.D., 121, Stephen's-green
- Jacob, Arthur, M.D., 23, Ely-place
- Jacob, A. H., M.D., 23, Ely-place
- Jameson, John, 55, Prussia-street

- 65 Jones, John, 6, Dawson-street  
 Jukes, Joseph Beete, M.A., F.R.S., 72, Upper Leeson-street  
 Kennedy, Evory, M.D., Belgard, Clondalkin  
 Kenny, M., 3, Clifton-terrace, Monkstown  
 Kildare, the Most Hon. the Marquess of, Carton, Maynooth
- 70 King, Charles Croker, M.D., Queen's College, Galway  
 Lacy, Miss Frances, Inchicore Lodge  
 Lalor, J., 2, Longford-terrace  
 Larcom, Major-General Sir Thomas, K.C.B., Phoenix Park  
 Leinster, His Grace the Duke of, Carton, Maynooth.
- 75 Luby, the Rev. Thomas, F.T.C.D., 43, Lower Leeson-street  
 Lurgan, the Right Hon. Lord, Brownlow House, Lurgan  
 Lyle, Acheson, The Oaks, Londonderry  
 Lyons, Robert D., M.D., 8, Merrion-square, W.  
 Malone, Mrs. O'Connor, Borrenstown, Mullingar
- 80 Mayo, the Right Hon. the Earl of, Palmerston House, Naas  
 M'Donnell, J., 28, Herbert-place  
 M'Donnell, Robert, M.D., 11, Lower Pembroke-street  
 M'Dowel, Benjamin George, M.D., 29, Gardiner's-place  
 Milltown, the Right Hon. the Earl of, Rusborough, Blessington
- 85 Moore, Robert H., F.R.C.S.I., 28, Upper Merrion-street  
 Monteagle, the Right Hon. the Lord, Mount Trenchard,  
 Foynes  
 Napier, Right Hon. Joseph, Merrion-square  
 O'Ferrall, James, 3, Gresham terrace, Kingstown  
 O'Ferrall, the Right Hon. Richard More, Ballyna House,  
 Enfield
- 90 Palmerston, the Right Hon. the Lord Viscount  
 Parker, Alexander, 46, Rathmines-terrace  
 Peebles, William Edward, 9, North Frederick-street  
 Pigot, Right Hon. D. R., Lord Chief Baron, 52, Stephen's-  
 green, E.  
 Place, George Godfrey, J.P., Inchicore-Lodge
- 95 Pollard, W. D.  
 Porter, Joshua, 72, Grafton-street  
 Richards, Right Hon. J., Sandfield Lodge, Ennistimon, Clare  
 Roden, the Right Hon. the Earl of, Dundalk House, Dundalk

- Rowley, Captain Thomas Taylor, 93, Lower Mount-street
- 100 Ruthven, E. S., 107, Capel-street
- Shirley, Evelyn J., D.L., Carrickmacross, Monaghan
- Simpson, Sir George, Hudson's Bay House, London
- Sligo, the Most Hon. the Marquess of, Westport House,  
Westport
- Smith, Aquilla, M.D., 121, Lower Baggot-street
- 105 Smith, Robert William, M.D., 63, Eccles-street
- Smith, William, 15, Merrion-square, S.
- Smith, Robert, 5, Stephen's-green
- Smith, Charles F., 7, Stephen's-green, N.
- Spottiswode, A., Lieut.-Col., 1st Dragoon Guards
- 110 Staunton, C. F., M.D., Woolwich
- Stewart, A. J. R., D.L., J.P., Ards House, County Donegal
- Sweetman, Walter, 4, Mountjoy-square, N.
- Talbot de Malahide, Right Hon. Lord, Castle, Malahide
- Tighe, the Right Hon. W. F., Woodstock, Innistogue
- 115 Todd, the Rev. J. H., D.D., F.T.C.D.
- Toole, Charles, 41, Westmoreland-street
- Vandeleur, Colonel Crofton, Kilrush House, Kilrush
- Warren, Robert, 40, Rutland-square, W.
- Warren, Robert J., 40, Rutland-square, W.
- 120 Waterford, Most Noble and Rev. John, Marquis of, Curraghmore
- Whitty, J. Irwin, LL.D., 94, Lower Baggot-street
- Williams, J. E., R.A.
- Williams, Richard, 38, Dame-street
- Woods, George, J.P., Milverton, Balbriggan
- 125 Woods, Hans Hamilton, J.P., Balbriggan
- Wright, Edward, LL.D., Floraville, Donnybrook
- Wright, Joseph, Edenvale, Conyngham-road
- Wybrants, Robert, 47, Rutland-square, W.
- Young, the Right Hon. Sir John, Bart., Castle, Bailieborough

## ANNUAL MEMBERS.

- 1 Adams, Robert, M.D., 22, Stephen's-green, N.  
 Agar, the Hon. and Ven. Archdeacon, 47, Stephen's-green, E.  
 Allman, G. J., M.D., 21, Manor-place, Edinburgh  
 Andrews, William, The Hill, Monkstown
- 5 Anderson, William, 47, Dawson-street  
 Andrews, Arthur, 4, Tobernea-terrace, Monkstown  
 Andrews, Henry, 4, New Brighton, Monkstown  
 Bagot, John, 37, William-street  
 Bagot, Andrew, 27, William-street
- 10 Ball, John T., Q.C., LL.D., Merrion-square, S.  
 Barff, —, 10, Upper Gardiner street  
 Barker, William, M.D., 21, Hatch-street  
 Barrington, John, (Lord Mayor), 202, Great Britain-street  
 Barrington, William Leadbetter, 202, Great Britain-street
- 15 Barrington, Croker, 6, Fitzwilliam-square, N.  
 Barrington, Edward, 202, Great Britain-street  
 Barry, Dr. J. M., 90, Lower Leeson-street  
 Barry, Robert D., 34, Mountjoy-square, N.  
 Barton, Henry M., 5, Foster-place
- 20 Barton, John K., M.D., 40, Lower Baggot-street  
 Battersby, F., M.D., 15, Warrington-place  
 Beardwood, Patrick, 10, Westland-row  
 Beatty, Thomas E., M.D., 48, Merrion-square, N.  
 Bennett, Dr., 2, Upper Fitzwilliam-street
- 25 Benson, Charles, M.D., 11, Fitzwilliam-square  
 Berney, Henry, 15, Dame-street  
 Berwick, the Hon. Judge, 5, Upper Merrion-street  
 Bianconi, Charles, Longfield, Cashel  
 Blake, J.P., Q.C., 64, Fitzwilliam-square, N.
- 30 Blood, John L., 11, Mountjoy-square, N.  
 Borough, Sir Edward, Bart.  
 Boyd, Alexander, 29, Rutland-square

- Boyd, C., Monkstown, County Dublin  
 Boyle, Richard W., 35, College-green
- 35 Brady, Thomas F., 6, Percy-place  
 Brady, Francis William, Q.C., 22, Lower Leeson-street  
 Brady, James, M.D., 38, Harcourt-street  
 Brennan, Henry, 8, Gardiner's-place  
 Brinkley, Captain, Knockmaroon House, Castleknock
- 40 Brown, Hugh, Oatlands, Rathgar  
 Brown, Gen. Right Hon. Sir George, C.B., Royal Hospital  
 Browne, Col. G., C.B., Kingstown  
 Browne, George, Depôt, Park  
 Burke, W. M., M.D., 31, Molesworth-street
- 45 Burke, Edward F., 58, Middle Abbey-street  
 Burns, Gilbert, 47, Mary-street, and Knockmaroon  
 Busby, John, Black Pitts  
 Bush, Arthur, 7, Harcourt-terrace  
 Callwell, Nathaniel, 41, Fitzwilliam-place, S.
- 50 Cameron, C., 3, Waterloo terrace  
 Cameron, John, 13, Fleet-street  
 Carolin, Robinson, 14, Lower Abbey-street  
 Carroll, John Walter, 10, Leinster-street  
 Carroll, Alexander Coote, Sackville-street Club
- 55 Carte, Alexander, M.D., Royal Dublin Society  
 Caulfield, Edward Houston, City Marshalsea  
 Chamberlain, Matthew H., Arran-quay  
 Chatterton, Hedges Eyre, Fitzwilliam-place  
 Clarke, Major-General, 69, Mountjoy-square
- 60 Close, Henry Samuel, Bank, 5, Henry street  
 Codd, Francis, 7, Fleet-street  
 Colles, Graves C., 21, Stephen's-green, N.  
 Colles, William, M.D., 21, Stephen's-green, N.  
 Collins, Dr., 28, Harcourt-street
- 65 Corballis, J. R., LL.D., 19, Lower Baggot-street  
 Corballis, James H., Ratoath Manor, County Dublin  
 Corbett, Daniel, 12, Clare-street  
 Corbett, Robert, 5, College-green  
 Corbett, William, Dublin Castle
- 70 Coulter, William, Saunders' News-Letter Office

- Crookshank, Robert, 4, Blessington-street  
 Crozier, Francis, Seafield, Donnybrook  
 Crosthwait, Thomas, J.P., 4, Leinster Chambers, Dame-st.  
 Cruise, F.R., Esq., M.D., 37, Westland-row.
- 75 D'Arcy, Mathew, 1, Fitzwilliam-square, E.  
 Davies, Francis R., Montpelier-parade, Monkstown  
 Dease, O'Reilly, Ravenswell, Bray  
 Denham, John, Esq., M.D., 3, Cavendish-row  
 Dickson, Rev. Dr., Trinity College
- 80 Dixon, George, Erne-street  
 Disney, Robert A., 1, Beresford-place  
 Dombain, J. R., The Hill, Monkstown  
 Domville, W. C., D.L., J.P., Thornhill, Bray  
 Du Bedat, W. G., 11, College-green
- 85 Duffy, E. M., 15, North Frederick-street  
 Dunne, John, Esker House, Rathmines  
 Duncan, James, M.D., Finglas  
 Duncan, Nugent B., M.D., Finglas  
 DeRicci, Dr., Upper Merrion-street
- 90 Enniskillen, Right Hon. the Earl of, Florence Court  
 Errington, Michael, 10, Rutland-square, E.  
 Esmonde, Charles  
 Esmonde, Major, Deputy Inspector-General of Constabulary, Diswellstown House, Castleknock  
 Ferrier, Alexander J., 59, William-street
- 95 Findlater, Adam S., 30, Sackville-street, Upper  
 Findlater, William, 35, Upper Ormond-quay  
 Fitzgerald, the Right Hon. J. D., 7, Merrion-square, E.  
 Fleming, Christopher, M.D., 6, Merrion-square, N.  
 Fleming, M., Clifton-terrace
- 100 Flemyng, B. F., 25, Bushfield avenue, Donnybrook  
 Foot, Arthur Wynne, M.B., 21, Lower Pembroke-street  
 Foot, Charles H., 14, Upper Fitzwilliam-street  
 Forrest, Dr., 208, Great Brunswick-street  
 Fox, Anthony, Runnymede, Dundrum
- 105 Fry, John, 31, Westmoreland-street  
 Fyffe, John, 7, Mountjoy-square  
 Galbraith, Rev. Professor, Trinity College

- Geale, William, 27, Lower Leeson-street  
 Good, John, 17, Creighton-street  
 110 Gordon, Samuel, M.D., 11, Hume-street  
 Gorman, William, 147, Henry-street  
 Graves, the Very Rev. Charles, D.D., the Deanery, Castle  
 Grey, Robert, 3, College-green  
 Green, Joseph Reay, Professor, Queen's College, Cork  
 115 Greene, Thomas, 49, St. Stephen's-green  
 Greene, Henry, 19, Upper Fitzwilliam-street  
 Griffith, Sir Richard, Bart., 2, Fitzwilliam-place  
 Guinness, Benjamin Lee, James's-gate  
 Guinness, B. J., M.D., 40, Stephen's-green  
 120 Guinness, Frederick Grattan, 24, Lower Fitzwilliam-street  
 Halliday, Charles, J.P., 13, Arran-street, W  
 Hall, General, C.B., Merville, Donnybrook  
 Hamilton, Sir William Rowan, LL.D., Observatory, Dunsink  
 Hamilton, Charles R., Hamswood House, Dunboyne, and  
 40, Lower Dominick-street  
 125 Hamilton, Charles William, Hamswood House, Dunboyne  
 Hamilton, John, 14, Merrion-square, N.  
 Hatchell, G. W., Esq., M.D., 13, Hume-street  
 Hare, John, Esq., 25, Fitzwilliam-street, Upper  
 Harrison, Mrs., 1, Hume-street  
 130 Harvey, W. H., M.D., Professor of Botany, Trinity College  
 Harvie, William, 2, Pembroke-road  
 Haughton, James, 35, Eccles-street  
 Haughton, William, 27, City-quay  
 Hayden, Francis, 4, Pembroke-quay  
 135 Head, Dr. Henry, 7, Fitzwilliam-square, E.  
 Henn, Thomas Rice, Q.C., Upper Mount-street  
 Heron, Daniel C., Q.C., 7, Upper Fitzwilliam-street  
 Hildidge, James, M.D., 7, Merrion-street, Upper  
 Hillier, Lieut.-Colonel, Constabulary Depot, Phœnix Park  
 140 Hodson, R. A., Hollybrook, Bray  
 Holmes, George, 10, Sir John Rogerson's-quay  
 Hone, Joseph, Jun., 35, Leeson-street  
 Hoyte, George, 17, Lower Sackville-street  
 Hughes, James S., M.D., 24, Westland-row

- 145 Hughes, John, M.D., 18, Merrion-square, E.  
 Hudson, Edward, 28, Gardiner's-place  
 Hutchinson, Joseph H., 6, Richmond-place  
 Hutton, Captain, 8, Waterloo-road  
 Hutton, Mrs., Elm Park
- 150 Hutton, Robert, Putney Park, Surrey  
 Hutton, T. Maxwell, 118, Summer-hill  
 Ilberry, J. E., Hibernian Lodge, Inchicore  
 Irvine, Hans, M.B., 1, Rutland-square, E.  
 Jameson, William, Montrose, Donnybrook
- 155 Jameson, James, Airfield, Donnybrook  
 Jeffers, Patrick D., 30, Fitzwilliam-square, S.  
 Jellett, Hewitt, Q.C., Upper Pembroke-street  
 Jellett, the Rev. John, F.T.C.D.  
 Johnson, Rev. B., Mountpelier-hill
- 160 Johnson, George, M.B., 3, Rutland-square  
 Johnson, H. B., 6, Upper Temple-street  
 Jury, William, 7, College-green  
 Kehoe, Edward, Marine-terrace, Kingstown  
 Kelly, Denis H., 51, Upper Mount-street
- 165 Kelly, Thomas L., 53, Mount-street, Upper  
 Kelly, Charles, Q.C., 34, Fitzwilliam-square, S.  
 Kennedy, George A., M.D., 6, Mountjoy-place, W.  
 Kennedy, Henry, M.D., 17, North Frederick-street  
 Kidd, Geo. H., M.D., 205, Great Brunswick-street
- 170 Kinahan, George, Roebuck-hill, Dundrum; Carlisle  
 Buildings  
 Kinahan, E. H., 11, Merrion-square  
 Kyle, William Cotter, LL.D., 8, Clare-street  
 LaTouche, Theophilus Digges, 14, Castle-street  
 Lanesborough, Right Hon. Earl of, 8, Gt. Stanhope-street,  
 Park-lane, London
- 175 Lawson, the Right Hon. James Arthur, Q.C., 27, Upper  
 Fitzwilliam-street  
 Leech, Jonathan, M.D., 21, Ely-place  
 LeFanu, William R., 59, Fitzwilliam-square  
 Lentaigne, John, D.L., 1, Great Denmark-street  
 Leslie, Rev. John, Trinity College



- 180 Lindsay, Captain G. H., Glasnevin House  
 Littledale, William F., 9, Upper Ormond-quay  
 Litton, Edward, 10, Wellington-road  
 Lloyd, the Rev. Humphrey, D.D., Trinity College  
 Longfield, the Hon. Judge, 47, Fitzwilliam-square, W.
- 185 Lyle, James, 13, Pembroke-road  
 Lyon, Richard, 57, Bolton-street  
 M<sup>c</sup>Allister, Dr., 11, Gardiner's-place  
 M<sup>c</sup>Curdy, John, 1, Harcourt-place  
 M<sup>c</sup>Cullagh, Andrew, 34, Lower Abbey-street
- 190 M<sup>c</sup>Donnell, Luke, 4, Merrion-square  
 M<sup>c</sup>Donnell, J., M.D., 4, Gardiner's-row  
 M<sup>c</sup>Donnell, Right Hon. Alexander, Tyrone House, Marlborough-street  
 M<sup>c</sup>Donnell, Alexander, Inchicore  
 M<sup>c</sup>Dougall, William, Drumlish House, Carrickbrack, Howth
- 195 M<sup>c</sup>Kerlie, Colonel, Board of Works  
 McMechan, W., 69, Blessington-street  
 M<sup>c</sup>Munn, J., M.D., 2, Rutland-square, E.  
 Maffett, William Hamilton, 24, South Frederick-street  
 Magan, Charles, Clontarf; Sackville-street
- 200 Maguire, James T., M.D., Belgrove, Chapelizod  
 Mahaffy, Rev. J. P., Trinity College  
 Malcolmson, William, Portlaw  
 Martin, Richard, 7, Merrion-square, S.  
 Martin, Richard, 12, Fitzwilliam-place
- 205 Martin, Thomas, 13, Rutland-square, E.  
 Martin, James, 26, Fitzwilliam-square, S.  
 Martin, John, 109, Gardiner-street, Lower  
 Martin, Charles, North Wall  
 Mathews, Edward, La Mancha, Malahide
- 210 Maunsell, Henry, M.D., 26, Parliament-street  
 May, George, Q.C., 13, Fitzwilliam-square  
 Merriman, Michael, 54, Eccles-street  
 Mitchell, George, 20, Sackville-street, Lower  
 Mollan, John, M.D., 60, Fitzwilliam-square, N.
- 215 Molloy, Robert, 50, Mountjoy-square  
 Molloy, John, 3, Great Denmark-street

- Montgomery, Capt., R.N., 45, Grosvenor-square, Rathmines  
 Montgomery, Robert John, Zoological Gardens, and 57,  
 Leinster-road
- Morgan, the Hon. Mrs. Deane, Arcandridge, Co. Wexford
- 220 Morgan, Dr. J., 23, Stephen's-green, N.  
 Moses, Marcus, 4, Westmoreland-street  
 Moylan, Denis, 79, Harcourt-street  
 Murland, James W., 25, Fitzwilliam-square, S.  
 Murray, J. Marshall, 25, College-green
- 225 Nedley, Thomas, M.D., 61, Amien-street  
 Neilson, James, 104, Middle Abbey-street  
 Nolan, Edward, 1, Palmerston Villas, Upper Rathmines  
 Nolan, Sebastian M., Newtown Park, Blackrock  
 Nolan, H. P., Lower Baggot-street
- 230 Nugent, Daniel, 9, Denmark-street  
 Nugent, John, M.D., 14, Rutland-square  
 O'Brien, Michael, 6, Eblana-terrace  
 O'Ferrall, J. M., M.D., 15, Merrion-square, N.  
 O'Grady, M. J., Ballast Office, Westmoreland-street
- 235 O'Hagan, the Right Hon. Judge, 34, Rutland-square  
 O'Kelly, M. J., Rochestown House, Killiney  
 O'Neill, Lewis Gordon, Sandford Park, Ranelagh  
 O'Reilly, Dease, Ravenswell, Bray  
 O'Rourke, M., 4, Breffni-terrace, Sandycove
- 240 Oldham, Eldred, 12, Westmoreland-street  
 Owen, Robert Henry, 15, Pembroke-street  
 Owen, Jacob, 54, Mountjoy-square, W.  
 Owen, J. H., 11, Eccles-street  
 Peacock, G. L., Dalkey
- 245 Peebles, William, 34, Eccles-street  
 Peebles, R. W., 9, North Frederick-street  
 Percival, Dr. E. F., 8, Wilton-terrace  
 Perry, James, Deansgrange, Monkstown  
 Pike, William Hill, 25, Pill-lane
- 250 Pim, Henry, 61, Lower Baggot-street  
 Pim, George, Brennanstown, Cabinteely  
 Pim, Henry (Jameson, Pim & Co.), North Anne-street  
 Pim, Jonathan, Parnell-place, 11, Grand Canal-street

- Pim, Thomas, 22, William-street
- 255 Pim, William Harvey, 22, William-street
- Poole, Rev. H. R., Trinity College
- Porter, George H., M.B., 21, Kildare-street
- Power, Alfred
- Power, Sir James, Bart., 20, Harcourt-street
- 260 Powerscourt, Right Hon. the Lord, Enniskerry
- Quinlan, Dr., Cavendish-row
- Radcliff, John, 27, Merrion-square, S.
- Rathborne, Henry B., Dunsink, Castleknock
- Rathborne, John G., Dunsinea, Castleknock
- 265 Reeves, R. S., 22, Mount-street, Upper
- Reeves, Samuel S., 22, Upper Mount-street
- Rigby, John, 24, Suffolk-street
- Ringland, J., M.D., 14, Harcourt-street
- Robinson, Francis, M.D., Swift's Hospital
- 270 Rochfort, Henry, 34, City-quay
- Ryan, Dr. John, 118, Francis-street
- Salmon, Rev. Dr., Trinity College
- Sanders, Gilbert, 2, Foster-place
- Scratton, Thomas, 87, Stephen's-green, S.
- 275 Scriven, W. B., M.D., 33, Stephen's-green, N.
- Sheehan, Thomas, Mespil House, Leeson-street
- Sloane, John J., Ballast Office, Westmoreland-street
- Smith, George, 71, Lower Baggot-street
- Staples, Sir Thomas, Bart., 11, Merrion-square, E.
- 280 Steele, Dr. W. E., Secretary, Royal Dublin Society, Kildare-street
- Stephens, Henry C., 72, Aungier-street
- Stephenson, John, M.D., 54, Meath-street
- Stewart, H. H., M.D., Lucan
- Sullivan, Edward, Q.C., Fitzwilliam-place
- 285 Sullivan, Dr. W. K., 53, Upper Leeson-street
- Swanzy, John, 12, Hardwicke-street
- Sweetman, Patrick, 23, Francis-street
- Tabuteau, B. M., 124, Abbey-street, Upper
- Templeton, R., M.D., Hibernian School, Phoenix Park
- 290 Thompson, Henry, 9, Eustace-street

- Thom, Alexander, Middle Abbey-street  
 Thornhill, Dr., 44, Lower Gardiner-street  
 Thunder, John, 43, Rutland-square, W.  
 Todd, R. Ross, Newstead, Roebuck
- 295 Todhunter, Joseph, 3, College-green  
 Toomey, Edward, Phoenix Iron Works, Parkgate-street  
 Tufnell, J., M.D., 58, Mount-street, Lower  
 Tweedy, Henry, M.D., 16, Rutland-square, E.  
 Tyner, Dr., Steven's Hospital
- 300 Vance, Thomas, 9, Bridge-street  
 Vickers, Henry, 81, Lower Leeson-street  
 Vincent, William, Mountain View, Dundrum  
 Waldron, Laurence, M.P., 38, Rutland-square  
 Walker, Joseph Cooper, 15, Eccles-street
- 305 Walsh, John Edward, Q.C., 14, Merrion-square, S.  
 Watkins, Joseph, 8, Ardee-street  
 Waterhouse, Samuel, 25, Dame-street  
 Watson, Joshua, Ballyroon, Rathfarnham  
 Wardell, John, Thorncliffe, Monkstown
- 310 West, the Very Rev. Dean, Deanery House  
 White, William, 57, Rathmines-road  
 White, Captain George, Kilmore, Artane  
 White, William, Rathmines  
 Wigham, J. R., Albany House, Monkstown, & 36, Capel-st.
- 315 Wilcox, John, St. Lawrence, Templeogue  
 Williamson, Henry, 8, Fitzwilliam-square, E.  
 Williams, Captain R., Dublin Castle  
 Williams, R. P., 38, Dame-street  
 Willis, Captain, Dublin Castle
- 320 Wilson, Joseph H., Bachelor's-walk  
 Wilson, John, 5, Earlsfort-terrace  
 Winter, Richard, 6, Upper Leeson-street  
 Woodlock, Joseph, 42, Dame-street  
 Wright, E. Perceval, M.B., 10, Clare-street
- 325 Wynn, the Right Hon. John, Hazlewood, Sligo  
 Wynyard, Col. H. B. J., Royal Hibernian Military School,  
 Phoenix Park  
 Yeates, Stephen, Grafton-street  
 Young, J., 31, Fitzwilliam-place

## GARDEN SUBSCRIBERS.

- 1 Allen, Richard, 28, Sackville-street, Lower  
Atkin, John Drew  
Bain, John, Trinity College Botanic Gardens  
Barton, Rev. R., 17, Upper Temple-street
- 5 Carolan, Lawrence, 15, Pembroke-street  
Ellis, Major, Parkgate-street  
Fannin, Mrs. 52, Leeson-street, Lower  
Freeman, David, 71, Queen-street  
Hornsby, Edward, Custom House
- 10 Johnston, Miss Elizabeth, 12, Montpelier-hill  
Lowry, James, 15, George's-place  
O'Connor, Val. O'B., 3, Beresford-place  
O'Loughlen, Sir Colman, Bart., M.P., Q.C., 20, Merrion-square, S.  
Pepper, Miss, 82, Lower Leeson-street
- 15 Ridley, Major-General, C.B., Royal Barracks  
Speedy, Major, Royal Hibernian Military School  
Symes, G. R., 7, Hume-street  
Salmon, Edward, 2, Wellington-road  
Steele, Henry, North Circular-road
- 20 Stokes, Frederick, Commercial Buildings  
Twigg, John, 21, Frederick-street, North

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 NUMBER OF MEMBERS NOW ON THE BOOKS OF  
THE SOCIETY.

NON-CONTRIBUTING MEMBERS.				
Honorary	...	...	...	19
Life	...	...	...	129
				<u>148</u>
CONTRIBUTING MEMBERS.				
Annual Members	...	...	...	328
Garden Subscribers	...	...	...	21
				<u>349</u>
Total	...	...	...	497

## APPENDIX *A*.

### NEW MEMBERS.

*May to December, 1864.*

- 1 William White, Rathmines  
Dr. Quinlan, Cavendish-row  
Captain Brinkley, Knockmaroon House, Castleknock  
Dr. Tyner, Steven's Hospital
- 5 Sebastian Nolan, Newtown Park, Blackrock  
Laurence Waldron, M.P., 38, Rutland-square  
Dr. M'Allister, 11, Gardiner's-place  
Edward Houston Caulfield, City Marshalsea  
Luke M'Donnell, 4 Merrion-square, W.
- 10 Hedges Eyre Chatterton, Fitzwilliam-place  
John T. Ball, Q.C., LL.D., Merrion-square, S.  
H. P. Nolan, Lower Baggot-street  
Colonel M'Kerlie, Board of Works  
John Wilson, 5, Earlsfort-terrace.
- 15 George May, Q.C., 13, Fitzwilliam-square.  
Hewitt Jellett, Q.C., Upper Pembroke-street.

1865.

- 1 John Wilcox, St. Lawrence, Templeogue  
James T. Maguire, M.D., Belgrove, Chapelizod  
Henry Williamson, 8 Fitzwilliam-square, E.  
Henry Rochfort, 34, City-quay
- 5 William F. Littledale, 9, Upper Ormond-quay  
Edward Hudson, 28, Gardiner-place  
Richard Martin, 7, Merrion-square, S.  
Edward Kehoe, Marine-terrace, Kingstown

- Thomas F. Brady, 6, Percy-place
- 10 John J. Sloane, Ballast Office, Westmoreland-street  
Alexander Boyd, 29, Rutland-square  
Eldred Oldham, 12, Westmoreland-street  
Captain R. Williams, Dublin Castle  
Dr. Collins, 28, Harcourt-street
- 15 Rev. Dr. Salmon, Trinity College  
Rev. H. R. Poole, Trinity College  
Edward Mathews, La Mancha, Malahide  
William Coulter, Saunders' News-Letter Office  
Mathew D'Arcy, 1, Fitzwilliam-square, E.
- 20 Rev. John Leslie, Trinity College  
B. F. Flemyng, 25, Bushfield avenue, Donnybrook  
Dr. W. E. Steele, Secretary, Royal Dublin Society, Kildare-street  
Charles R. Hamilton, Hamswood House, Dunboyne, and  
40, Lower Dominick-street  
Thomas Greene, 49, St. Stephen's-green
- 25 Francis R. Davies, Montpelier-parade, Monkstown  
Dr. Thornhill, 44, Lower Gardiner-street  
J. R. Wigham, Albany House, Monkstown, & 36, Capel-st.  
Rev. J. P. Mahaffy, Trinity College  
R. W. Peebles, 9, North Frederick-street
- 30 E. M. Duffy, 15, North Frederick-street  
Dr. Henry Head, 7, Fitzwilliam-square, E.  
John L. Blood, 11, Mountjoy-square, N.  
R. A. Hodson, Hollybrook, Bray  
Captain G. H. Lindsay, Glasnevin House
- 35 John Swanzy, 12, Hardwicke-street  
J. Marshall Murray, 25, College-green  
Captain Hutton, 8, Waterloo-road  
John Barrington (Lord Mayor), 202, Great Britain-street  
Henry Pim, 61, Lower Baggot-street
- 40 Hugh Brown, Oatlands, Rathgar  
John Wardell, Thorncliffe, Monkstown  
Lewis Gordon O'Neill, Sandford Park, Ranelagh  
John Hamilton, 14, Merrion-square, N.  
Edward F. Burke, 58, Middle Abbey-street

- 45 Andrew M'Cullagh, 34, Lower Abbey-street  
 M. O'Rourke, 4, Breffni-terrace, Sandycove  
 Captain George White, Kilmore, Artane  
 Frederick Grattan Guinness, 24, Lower Fitzwilliam-street  
 Patrick D. Jeffers, 30, Fitzwilliam-square, S.
- 50 George Holmes, 10, Sir John Rogerson's-quay  
 Rev. Dr. Dickson, Trinity College  
 Denis H. Kelly, 51, Upper Mount-street  
 Samuel S. Reeves, 22, Upper Mount-street  
 John Cameron, 13, Fleet-street
- 55 William Findlater, 35, Upper Ormond-quay  
 William Geale, 27, Lower Leeson-street  
 John M'Curdy, 1, Harcourt-place  
 John Rigby, 24, Suffolk-street  
 William Malcolmson, Portlaw
- 60 Patrick Beardwood, 10, Westland-row  
 E. H. Kinahan, 11, Merrion-square  
 John Bagot, 27, William-street  
 Andrew Bagot, 27, William-street  
 Edward Toomey, Phœnix Iron Works, Parkgate-street
- 65 James Neilson, 104, Middle Abbey-street  
 George Dixon, Erne-street  
 Henry Vickars, 81, Lower Leeson-street  
 Alexander Thom, Middle Abbey-street  
 William Leadbetter Barrington, 202, Great Britain-street
- 70 Stephen Yeates, Grafton-street  
 M. J. O'Grady, Ballast Office, Westmoreland-street  
 Dr. J. M. Barry, 90, Lower Leeson-street  
 James Perry, Deansgrange, Monkstown  
 R. Ross Todd, Newstead, Roebuck
- 75 Dr. W. K. Sullivan, 53, Upper Leeson-street  
 Dr. E. F. Percival, 8, Wilton-terrace  
 Charles H. Foot, 14, Upper Fitzwilliam-street  
 Arthur Andrews, 4, Tobernea-terrace, Monkstown  
 Robert Henry Owen, 15, Pembroke-street
- 80 William Anderson, 47, Dawson-street  
 Henry Berney, 15, Dame-street



## GARDEN SUBSCRIBERS,

1864.

- 1 Rev. R. Barton, 17, Upper Temple-street

1865.

- 1 Edward Salmon, 2, Wellington-road  
Frederick Stokes, Commercial Buildings  
John Bain, Trinity College Botanic Gardens  
Lawrence Carolan, 15, Merchant's-quay  
5 David Freeman, 71, Queen-street

## APPENDIX B.

### ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

## Return of Animals Presented and Purchased

*From April, 1864, to April, 1865.*

	1864.	Animals, &c.	How obtained.
	April 23rd	Dog Otter,	Presented by W. Nicholson, Esq.
	" "	1 Capuchin Monkey,	Purchased.
	" 27th	1 Land Tortoise,	Purchased.
	" 28th	1 Land Tortoise,	Presented by Miss Sharp.
	May 4th	Musk Drake,	Purchased.
	" 6th	Hungarian Goat,	Purchased.
	" 12th	4 Squirrels,	Purchased.
	" 17th	1 Gannet,	Presented by Dr. Corrigan.
	June 1st	4 Young Swans,	Bred in the Gardens.
	" 20th	4 Cygnets,	Bred in the Gardens.
	" 22nd	1 Kangaroo (Bennett's),	{ Presented by London Zoological Society.
	" "	4 Doves (Egyptian and Senegal),	{ Presented by London Zoological Society.
	" "	2 Dingo Dogs,	{ Presented by Acclimatisation Society, London.
	" "	1 Pair Brush Turkeys,	} Presented by Sir J. Young, Bart.
	" "	2 Piping Crows,	
	" "	5 Wonga Wonga Pigeons,	
	" 29th	2 Black Fawns,	Presented by Viscount Bangor.
	" 30th	Sea Eagle	Presented by W. Garnett, Esq.
	July 6th	2 White Cockatoos, Blood stained Cockatoos,	} Presented by Sir John Young, Bt.
	" 7th	1 Hare,	
	" 12th	Young Seal,	Purchased.
	" 13th	1 Dog Otter,	Presented by W. H. Wright, Esq.
	" 20th	Female Mongoose,	Purchased.
	" 27th	6 Persian Kittens,	Born in the Gardens.
	" "	2 King Crabs,	{ Presented by S. R. Graves, Liverpool.

1864.	Animals, etc.	How obtained.
Aug.	2nd Gannet,	Purchased.
"	3rd Young Seal,	Purchased.
"	" Rhinoceros,	Purchased.
"	6th 6 Poland Geese,	Presented by H. Sherrard, Esq.
"	16th Mexican Pig,	{ Presented by S. R. Graves, Liver- pool.
"	" Bombay Goat,	
"	17th Turtle,	{ Presented by Mr. Hulse, Liver- pool.
"	" Hedgehog & 5 Young ones,	Purchased.
Aug.	30th 5 Young Hedgehogs,	Presented by J. Molloy, Esq.
Sept.	1st Red Deer	{ Deposited by officers 78th High- landers.
"	" Young Hare,	
"	13th 1 Bull & Cow (Indian Cattle)	Presented by Eustace Smith, Esq.
"	20th Raven,	Presented by Dr. Corrigan
Oct.	5th Large Turtle,	Purchased.
"	20th Bonnet Monkey,	Purchased.
"	" 2 White Rabbits,	Presented by Captain Brinkley.
Nov.	2nd Mongoose	Presented by Dr. Bennett
"	3rd Pair Silver Pheasants,	Presented by Superintendent.
"	8th Pair Ruddy Sheldrakes,	Presented by A. M'Donnell, Esq.
"	16th Ring-tailed Monkey,	Presented by Lumley Perrin, Esq.
"	17th Young Sow,	Presented by J. Lentaigne, Esq.
"	22nd Young Seal,	Presented by Council.
Dec.	1st Female Badger,	Presented by Lord Athlumney.
"	21st 6 Toads, 1 Common Snake,	Presented by F. Buckland, Esq.
"	22nd 1 Badger (Female),	Presented by Dr. Stokes.
"	24th Mandril (Male)	Purchased
"	28th Black Bear	{ Presented by Messrs. Carville and Son.
"	29th Young Zebu Calf	
	1865.	Born in the Gardens
Jan.	17th Pair of Young Otters	Purchased
"	19th Young Goat	Born in the Gardens
"	24th 3 Geese	Presented by Mrs. Shea
Feb.	4th 6 Summer Ducks	{ Presented by R. J. Montgomery, Secretary
"	7th Marmozette Monkey	
"	15th Salmon Fry and Perch	{ Presented by F. W. Brady, Esq., Q.C.
"	23rd 5 Dingo Pups	
"	7th Monkey	Born in the Gardens
March	14th 3 Opossums (Virginian)	Presented by a Gentleman
"	20th 7 Monkeys	Dr. Parvin, Cincinnati
"	21st 1 Bonnet Monkey	Purchased
"	" Tortoise	Purchased
"	23rd 5 Persian Kittens	Born in the Gardens
"	" Zebu Calf	Born in the Gardens
"	30th Peacock and Hen	Presented by Thomas Vance, Esq.
April	5th 12 Gold Fish	Purchased
"	6th 2 Monkeys	Purchased
"	8th 2 Monkeys	Purchased

## APPENDIX C.

### Return of Animals Deceased.

1864.	1864.
May 19th 1 Squirrel	Nov. 11th 1 Female Black-backed Jackal
„ 26th 1 Pine Marten	„ 17th 1 Bonnet Monkey
June 2nd 1 Pen Swan (killed by Dogs)	Dec. 1st 1 Swan
„ 9th 4 Cygnets, in consequence of above	„ 8th 1 Bonnet Monkey
„ 16th 1 Swan (same cause)	„ „ 1 Monkey
„ 30th 1 Squirrel	„ „ 1 Seal (young)
July 7th 1 Fawn	„ 15th 1 Squirrel
„ 14th 1 Otter, injured in capture	„ 22nd 1 Mongoose
„ 21st 1 Wapiti Deer	„ 29th 1 Monkey and 1 Turtle
„ „ 1 Squirrel	Jan. 5th 1 Monkey and 2 Hedge-hogs
„ „ 1 Persian Kitten	„ 12th 1 Pig-tailed Macaque and Alligator, from cold of Reptile and Monkey houses
Aug. 4th 2 Persian Kittens	„ 19th 1 Green Monkey and Young Otter
„ „ 1 Green Parrot	„ 26th 1 English Snake, 2 Monkeys and Summer Duck, Young Otter
„ 11th 1 Young Seal	
„ „ 1 Young Seal	Feb. 2nd 1 Parrakeet
„ 18th 1 Young Otter	„ 9th 1 Monkey
„ „ 1 Turtle and 1 Shel-drake	„ 23rd 1 Black Swan and Lam-bay Goat
„ 25th 1 Hungarian Goat	Mar. 2nd Old Otter (9 years Old)
Sept. 1st 1 Female King Crab	„ „ 1 Marmozette
„ „ 1 Green Parrot and 1 Rose-crested Cockatoo	„ 9th Old Monk Vulture, very old
„ „ 1 Male King Crab and 1 Demoiselle Crane	„ „ 2 Parrakeets
„ 15th 1 Raccoon; 1 grey Parrot; 1 Ram, killed by Bison	„ 16th 1 Opossum (dead on arrival), 1 Monkey
„ 22nd 1 Boa	„ 23rd 2 Hares, killed by Rats
„ 29th 1 Great grey Seal	„ 30th 1 Woodcock; Old Tortoise
Oct. 6th 1 Land Tortoise	April 6th 1 Rhinoceros; 1 Monkey
„ 13th 1 Mona Monkey	„ „ 1 Young Monkey, born in Gardens
„ 21st Green Parrot	„ 13th 1 Pigtailed Macaque (female)
„ 27th Large Turtle and Hedgehog	
Nov. 3rd 1 Wongawonga Pigeon; Green Parrot, Grey Parrot	
„ „ 1 Male Badger	

# Return of Animals Sold.

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1 Lioness.	1 Zebu Cow and Heifer Calf.
7 Young Lions, viz. :—2 Males and	2 Zebu Heifers.
5 Females.	6 Persian Kittens.
1 Zebu Bull	



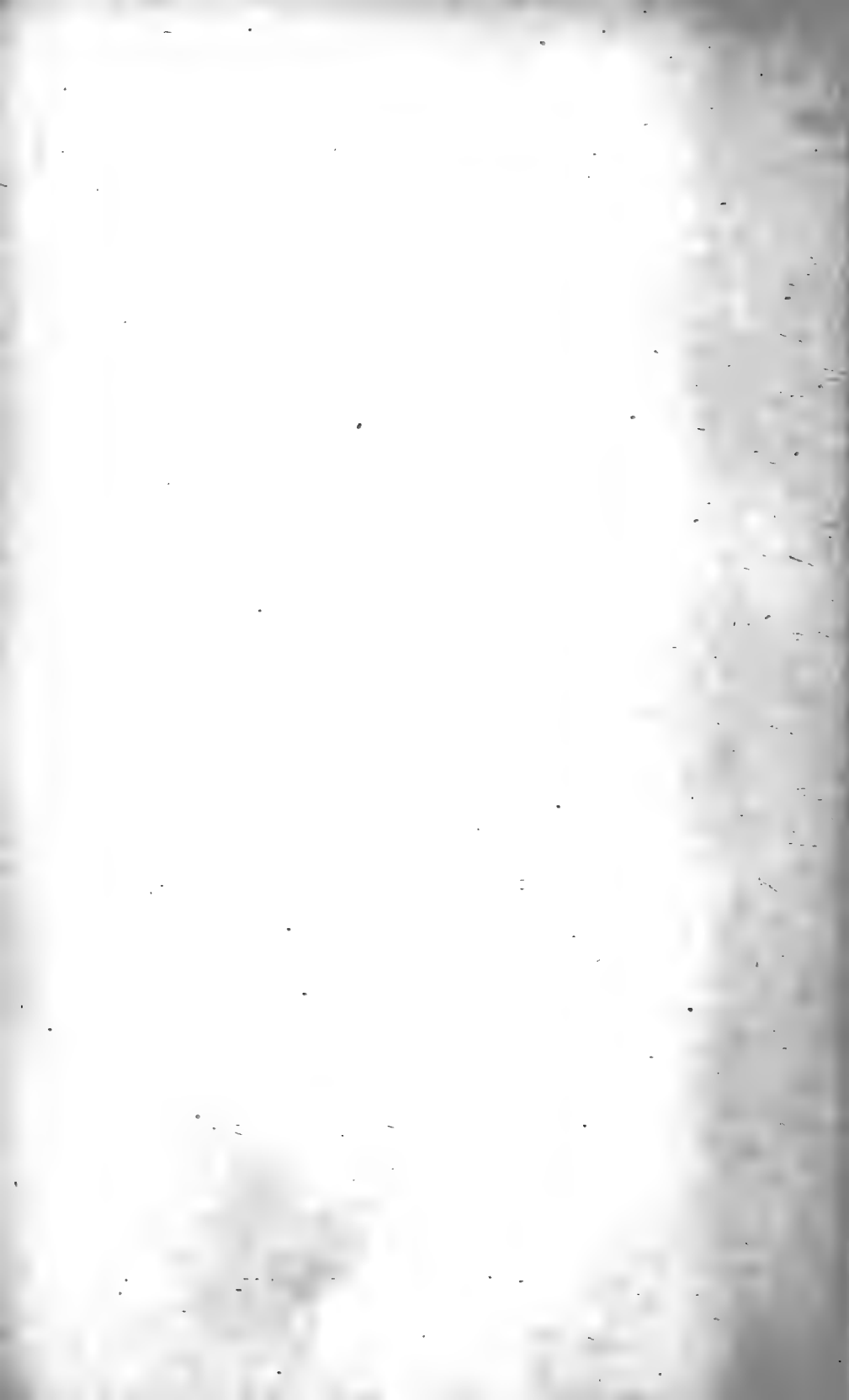


The Thirty-sixth  
ANNUAL REPORT  
OF  
The Royal Zoological Society  
OF IRELAND

FOR THE YEAR ENDED 31<sup>ST</sup> DECEMBER, 1867.



DUBLIN:  
BROWNE & NOLAN, PRINTERS, NASSAU-STREET.  
1868.





# OFFICERS AND COUNCIL, 14th JAN., 1868.

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## Patroness:

HER MAJESTY THE QUEEN.

## Ex-Presidents:

HIS GRACE THE DUKE OF LEINSTER.  
THE MARQUIS OF KILDARE.  
LORD TALBOT DE MALAHIDE.  
SIR DOMINIC CORRIGAN, BART., M.D.

## President:

VISCOUNT POWERSCOURT.

## Vice-Presidents:

CALLWELL, ROBERT, M.R.I.A.  
LARCOM, MAJOR-GENERAL SIR THOMAS, K.C.B.  
MARTIN, RICHARD, Esq.  
CROKER, CHARLES P., M.D.  
LENTAIGNE, JOHN, D.L.

## Secretary:

HAUGHTON, REV. S., M.D.

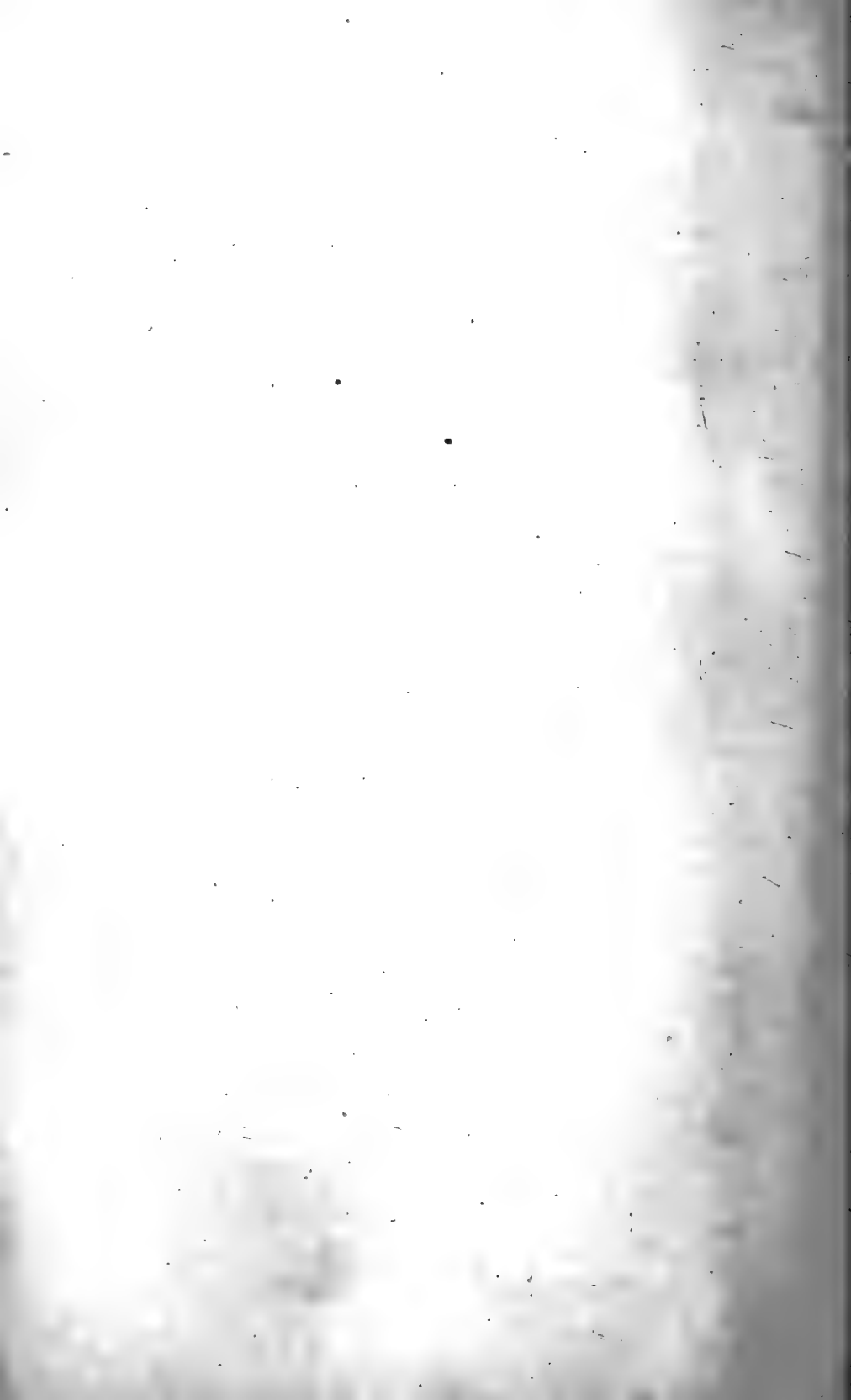
## Treasurer:

HUTTON, THOMAS MAXWELL, Esq.

## Council:

ANDREWS, WILLIAM, M.R.I.A.  
BANKS, T. JOHN, M.R.I.A.  
BARTON, HENRY M., Esq.  
BENNETT, E. H., M.D.  
CARTE, WILLIAM, J.P.  
FOOT, ARTHUR WYNNE, M.D.  
GOOD, JOHN, Esq.  
IRVINE, HANS, M.B.  
KINAHAN, E. H., Esq.  
LALOR, J. J., M.R.I.A.  
MURLAND, J. W., M.A.  
M'DONNELL, ROBERT, M.D.  
O'KELLY, MATHIAS J., Esq.  
SANDERS, G., M.R.I.A.  
TEMPLETON, R., M.D., Dep. Insp.-Gen.

MONTGOMERY, ROBERT J., Esq., *Assistant Secretary.*



# Laws and Regulations

OF

## THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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### CHAPTER I.—THE CONSTITUTION.

1. The Society consists of Ordinary Members and Honorary Members.

2. The Officers shall be chosen from amongst the Ordinary Members, and shall be

A President,  
Five Vice-Presidents,  
A Secretary, and  
A Treasurer,

who, together with fifteen other Ordinary Members of the Society, shall constitute the Council.

3. The Officers and Council, for each year, shall be elected at the Annual General Meeting of the Members of the Society.

4. But in case any officer, or other Member of the Council, shall die or resign, the Council may appoint a Member to supply his place, until the next Annual Meeting.

### CHAPTER II.—THE MEMBERS.

1. Every person wishing to become a Member of the Society must be proposed in writing to the Council, by one Member of Council, and seconded by another; and upon election and payment of his admission fee, such person shall be a Member of the Society.

2. But he shall not exercise the privileges of a Member until his first year's subscription is paid in advance.

3. The Admission Fee shall be *One Pound*, the Annual Subscription *One Pound*, and the composition for life, in lieu thereof, *Ten Pounds*.

4. The Annual Subscription shall be due on the first of January in each year, and shall be payable in advance.

5. If the Subscription of any Member is not paid within one year after it is due, he shall cease to be a Member until he shall have paid up his arrears.

6. No person becoming a Member after the first day of October in any year, shall be liable for the Subscription for that year.

7. No person shall exercise the privilege of a Member until he shall have paid his Subscription for the current year.

8. Ladies may be admitted as Members upon the same terms, and with the same privileges as gentlemen.

9. Members of the Society, Wives of Members, and Children of Members while resident with their parents, shall have the privilege of free admission to the Gardens, on their names and addresses being inserted in the Admission Book; and in the case of Children of Members under twelve years of age, the name of person in charge of them being also signed.

### CHAPTER III.—HONORARY MEMBERS.

1. Distinguished persons may be elected Honorary Members without annual or other payment, by a vote of the Society, at any of its meetings, upon the previous recommendation of the Council.

2. Honorary Members shall have the same privileges as other Members, except that of voting at the Meetings.

3. The number of Honorary Members shall be limited to twenty.

### CHAPTER IV.—THE OFFICERS.

#### *The President.*

I. The President shall preside at all meetings of the Society and Council, when present, and shall generally superintend the affairs of the Society.

2. The same person shall not be President for more than five successive years.

3. Ex-Presidents shall continue to be Honorary Members of Council.

*Vice-Presidents.*

1. Of the five Vice-Presidents, two at least shall go out at each election, but this shall not prevent their continuing Members of the Council in another capacity.

2. The Vice-Presidents shall supply the place of the President in his absence.

*The Secretary.*

It shall be the duty of the Secretary to see to the execution of the rules, orders, and directions of the Society and Council.

*The Treasurer.*

No money shall be paid by the Treasurer, except upon the written order of the Council, signed by at least three of its Members.

CHAPTER V.—THE COUNCIL.

1. Three Members shall form a Quorum.

2. The Council shall meet at such times as they themselves shall determine.

3. It shall be the duty of the Council to conduct the business of the Society, subject to the laws and regulations of the Society at large.

4. All questions shall be decided by the majority of voices ; and where the numbers are equal, the Chairman shall have a casting voice ; but he shall not vote except in such case.

5. The Council may summon a meeting of the Society for scientific purposes whenever they think fit, stating the object of such Meeting ; and at such Meeting no business but that stated in the notice shall be discussed.

6. At least three of the Council shall go out at each election.

7. No Member of the Society having any contract with the

Society or Council for which payment is to be made shall be eligible to a seat in the Council in any capacity; and if the name of any Member of the Society having a contract with the Society, or receiving any fee or emolument from the Society, shall be found in the ballot, that name shall be set aside by the Chairman, notwithstanding any number of votes that may be appended to it; and if any Member or Officer of the Council enter into any contract with the Society, or receive from it any fee, payment, or emolument, his seat shall become, *ipso facto*, vacant in the Council, and the Council shall immediately summon a Meeting of the Society, to elect a Member to the vacant place.

#### CHAPTER VI.—THE ANNUAL MEETING.

The Annual Meeting shall be held on the second Tuesday in January in each year, for the purpose of electing the Council and Officers for the ensuing year, and of hearing the Report of the Council read, and auditing the accounts.

##### *Election of Officers.*

1. The Council for the time being shall annually cause to be prepared a list of persons whom they recommend to be Officers and Council for the ensuing year.

2. The list shall distinguish the three or more Members proposed to be removed, and the three or more proposed to be elected in their room, and it shall be transmitted to each Member residing in Dublin, by post, along with a notice of the time and place of the General Meeting, to be sent at least seven days before the day of Meeting.

3. The chair shall be taken at four o'clock, when the ballot shall commence, and continue open for one hour, at the expiration of which time the Chairman shall proclaim that the time had arrived when the ballot should close, and order the porter not to admit any other Members into the room, and then the Chairman shall call on the Members in the room, who have not balloted, to come forward and ballot, and the scrutiny shall

forthwith take place ; and those persons to whose names the greater number of marks shall have been affixed shall be declared duly elected, in the order and places in which they stand, provided at least three new Members be elected, but if not, then those of the proposed Members who have the least number of marks shall be rejected, until at least three former Members are excluded, and their places shall be filled by those who have the next greatest number of marks.

4. If two or more names have the same number of marks, the order of preference shall be decided by lot.

#### *General Business.*

1. No motion respecting a change in the laws or constitution of the Society shall be discussed or voted upon, at the Annual or other Meeting, except as hereafter provided, unless notice thereof be given in writing, to the Council, at least one month before such Meeting ; the Council to give seven days' notice to the Members, as before ordered.

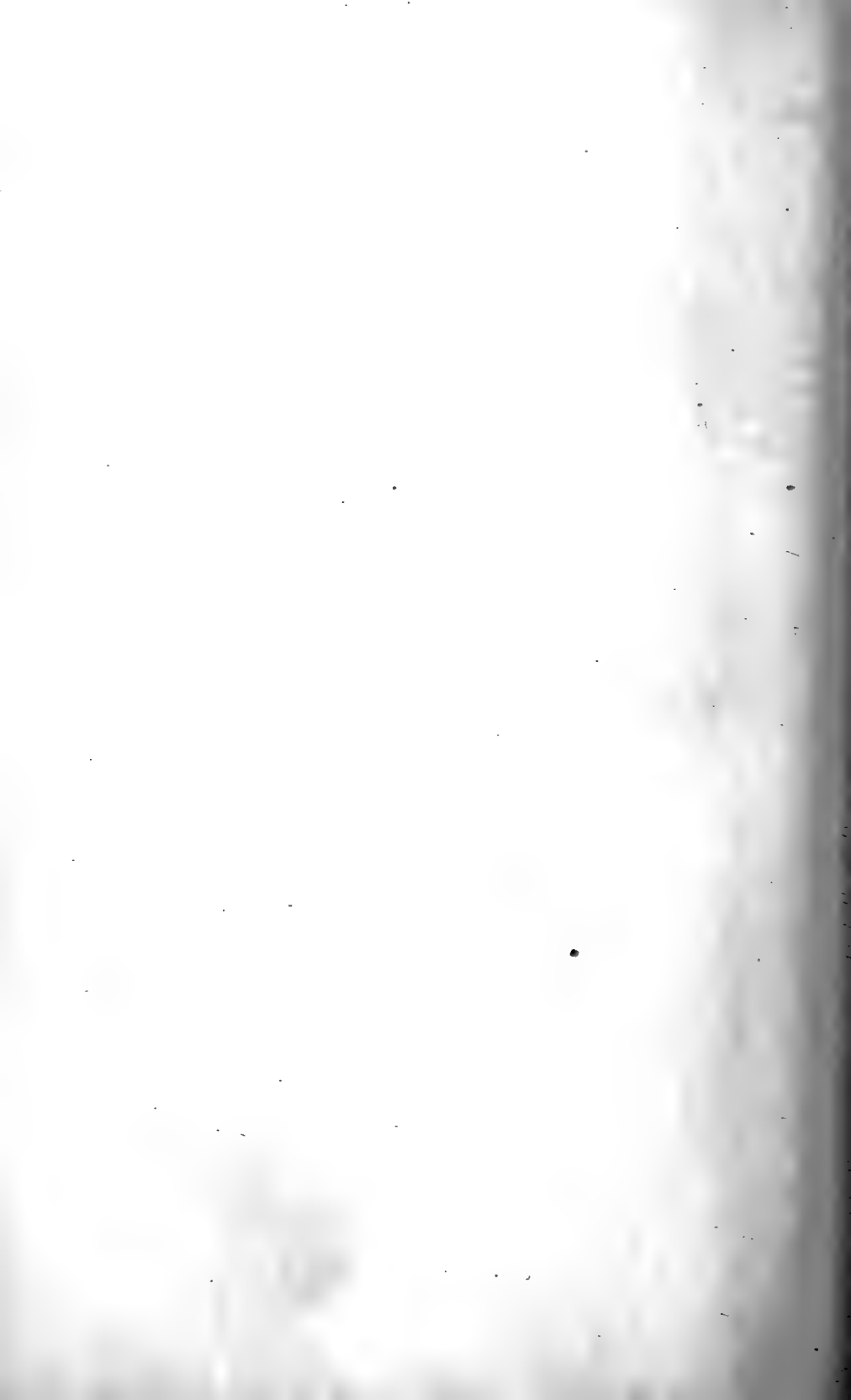
2. But the Council may propose, and bring to the vote, any measure or question, at any of the Meetings of the Society, provided it shall have been under their consideration for at least one month, and that notice thereof be given to the Members in the circular notices of such Meeting, at least seven days previous to the day of Meeting.

#### CHAPTER VII.—THE GARDENS.

1. Any person enrolling his name in a book kept at the gate of the Gardens, and paying One Pound a year, shall be a Subscriber, and shall have the same privileges of ingress to the Gardens as a Member of the Society.

2. The Council shall have the power of suspending all rights of free entrance to the Gardens, upon the day of a public fete, or similar occasion, when such shall be given for the benefit of the Society.

3. During frost the Council shall have power to suspend all privileges of Members and Garden Subscribers, except that of personal admission, and to vary, as may seem fit to them, the rates of admission to the public.





# ROYAL ZOOLOGICAL SOCIETY

## OF IRELAND.



The Thirty-sixth Annual Meeting of the Society was held in the Hall of the College of Physicians, on the 14th January, 1868,

W. J. MURLAND, Esq., V.P., in the Chair.

The Rev. S. HAUGHTON, M.D., Secretary, read the following Report of Council, which was unanimously adopted :—

### Report of Council.

The Council of the Royal Zoological Society of Ireland present to the Members of the Society the following Report, for the year just ended, 31st December, 1867.

During the year the number of visiters to the Gardens, and the receipts at the entrance gate, were as follows :—

1. Members,	...	3,686			
2. Public Schools,	...	1,765			
3. Visiters at Sixpence,		24,422	...	£610 11 0	
4. Visiters at One Penny,		95,137	...	396 8 1	
Total,	...	125,010		£1,006 19 1	

During the preceding year, ended 31st December, 1866, the corresponding numbers were :—

1. Members,	...	3,916		
2. Public Schools,	...	933		
3. Visitors at Sixpence,	15,982	...	£399	11 0
4. Visitors at One Penny,	90,958	...	378	19 10
			<hr/>	<hr/>
Total,	...	111,789	£778	10 10

A comparison of the foregoing numbers for the two years exhibits the gratifying fact of an increase of 53 per cent. in the numbers of the sixpenny visitors, and of 4 per cent. in the numbers of the penny visitors.

This important fact, in the opinion of your Council, fully justifies the policy steadily followed by them for some years, of increasing the attractions of the Gardens for the benefit of the classes of the community capable of appreciating the improvements made.

The Council are happy to be able to report that their stock of animals is greatly increased in number, and that they are all in excellent health. During the year a splendid pair of African Ostriches has been added, by purchase, to the collection; and three American Rheas have been presented to the Society by Dr. HEALY, of Buenos Ayres. The detailed list of other purchases and donations will be found in Appendix II., among which may be specially mentioned—

- One pair of Egyptian Pelicans.
- One pair of Condor Vultures.
- One pair of Indian Leopards.
- One pair of African Storks.
- Three Patagonian Guanachos.

The last-named beautiful Guanachos were presented to

the Society by the Earl of Clarendon, and the expenses of their carriage from London were defrayed by the liberality of your President, Viscount POWERSCOURT.

In compliance with suggestions made by several Members at the last meeting of the Society, the Donations to the Gardens (nineteen in number), have been regularly noticed in the public press, so that Members of the Society can now learn the names of the several additions to their stock, previous to visiting the newly arrived animals in the Gardens.

On the 16th June last, your fertile Lioness presented the Society with five cubs, having already produced four others some eight months previously, and it is confidently expected that she will present us with another donation early in the coming year.

Your Council have much pleasure in recalling to the recollection of the Society, their unprecedented success in breeding Lions during the past nine years, as shown by the following list of healthy cubs born in your Gardens :—

1. 20th September, 1858	...	...	4 Cubs.
2. 8th September, 1859	...	...	5 „
3. 18th May, 1861	...	...	4 „
4. 19th December, 1861	...	...	2 „
5. 30th May, 1862	...	...	4 „
6. 8th July, 1862	...	...	2 „
7. 3rd August, 1863	...	...	4 „
8. 5th September, 1863	...	...	2 „
9. 2nd April, 1864	...	...	5 „
10. 3rd April, 1864	...	...	5 „
11. 2nd October, 1866	...	...	4 „
12. 16th June, 1867	...	...	5 „
Total	...	...	46 Cubs.

The money value of this splendid stock shortly after birth cannot be estimated at less than £1,500.

During the year the Society received from the Department of Science and Art the sum of £1,047 10s., of which sum £450 were expended on the completion of the New Monkey House, Engine House, Water Pipes, and Bear's Cage, with tank attached; and £500 were expended on the construction of the Superintendent's House, now nearly completed.

Plans and estimates for the construction of a new Aquarium House, and for an addition to the Carnivore House, have been forwarded by your Council, for the consideration and approval of the Department of Science and Art, in South Kensington. The amount of the estimates for these additions to the Gardens is as follows:—

1. Aquarium House	...	...	£682	8	10
2. Carnivore House	...	...	363	0	0
			<hr/>		
Total	...	...	£1,045	8	10

The financial position of the Society is shown by the Treasurer's account, which has been duly audited, and forms Appendix I. to this Report. In consequence of the necessity of meeting some trade bills of considerable standing, your Council raised, during the year, among themselves, a loan to the Society of £240, which will be paid off by monthly instalments of £10, commencing on 1st May, 1868. Your Council believed this course to be preferable to the other alternatives that presented themselves—either selling off a portion of your valuable stock of animals, or making an appeal, *in forma pauperis*, to the public for aid.

By the financial operation just alluded to, twenty-four members of Council have become the creditors of the Society, instead of four or five tradesmen, who could ill afford to remain unpaid, after their work had been completed and delivered, to the satisfaction of the Council.

Your Council regret to have received during the year the resignation of Dr. M'DOWEL, who filled for some years the office of Secretary to the Society, and whose constant interest in the Gardens and the animals contained in them, are well known to all who take a part in their management.

The Council recommend for the consideration of the Society, the two following alterations in the By-Laws:—

I.—“That there shall be only one Secretary elected annually.”

II.—“That during frost the Council shall have power to suspend all privileges of Members and Garden Subscribers, except that of personal admission, and to vary as may seem fit to them the rates of admission to the Public.”

In the Appendix to this Report will be found—

I.—Statement of Accounts for the year ended 31st December, 1867.

II.—List of Donations for the year 1867.

III.—List of animals purchased, and born in the Gardens in the year 1867.

IV.—List of Members and Garden Subscribers of the Society.

APPENDIX I.

Statement of Income and Expenditure of the Royal Zoological Society, for the Year ended 31st December, 1867.

Income.		£	s.	d.	Expenditure.			£	s.	d.
Admission to Gardens—					Balance last year due to Treasurer	...	3	14	6	
Members, free	3,686	£	s.	d.	Purchase of Animals, and cost of conveyance, &c.	...	404	7	6	
Visitors, at 6d.	24,422	610	11	0	Provisions	...	794	14	0	
" at 1d.	95,137	396	8	1	Incidental Expenses	...	249	18	3	
Schools and Public					Salaries and Wages	...	643	12	6	
Institutions	1,765	...			Buildings, &c.	...	1,185	15	7	
					Rent of Superintendent's House	...	39	0	0	
Total Admissions	125,010			1,006	19	1	12	0	0	
Government Annual Grant	...			500	0	0				
" Special	...			1,047	10	0				
Members' Subscriptions	...			291	0	0				
Animals sold	...			232	0	0				
Incidental receipts	...			32	9	5				
Special Subscriptions—Animal Fund	...			17	0	0				
Loan to Society by 24 Members of Council	...			240	0	0				
					Balance in Bank	...		33	15	8
								£3,333	2	10
								33	15	8
								£3,366	18	6

APPENDIX II.

LIST OF DONATIONS

TO THE

Royal Zoological Society of Ireland,

FROM 8TH MAY TO 31ST DECEMBER, 1867.

1867.	ANIMALS, ETC.	PRESENTED BY
May 27th	A Bonnet Monkey,	G. Grave, Esq., 11, Tivoli-terrace, Kingstown.
June 1st	A Dasyure,	Mr. E. Carter, Superintendent.
„ 4th	3 Rheas,	Dr. A. Healy, Eagle-lodge, Co. Limerick.
„ 6th	2 S. American Partridges,	William Kemmis, Esq.
„ 8th	A Pied Black-Bird,	Dr. Tweedy, 1, Rutland-square, east.
„ 10th	2 Persian Cats,	} Sir D. Corrigan, 4, Merrion-square, west.
„ „	4 Tree-frogs,	
„ „	A Lizard,	W. J. Corbett, Esq., Dublin Castle.
„ 11th	A Tiercel Falcon,	Mr. William Cohoon, Ringsend.
„ 15th	2 Spotted Cavys,	Hon. Judge Fitzgerald, Trinidad.
„ 18th	A Marten,	Sandford Palmer, Esq., Roscrea.
„ 27th	An Irish Fox,	Deposited by Colonel Hillier, Royal Irish Constabulary.
July 3rd	2 White Mice,	Master Rowland Scriven.
„ 12th	A Young Seagull,	Sir D. Corrigan, Bart.
„ 14th	A Sparrow Hawk, and 3 Kestrels,	} David Fitzgerald, Esq., 1, Merrion-square, west.

1867.	ANIMALS, ETC.	PRESENTED BY
July 19th	A Grivet Monkey,	Mrs. D. Tottenham, Ashfield, Rath-farnham.
„ 25th	2 Badgers,	Mr. Pollock, Mountainstown, Co. Meath.
„ 27th	A Kestrel Hawk,	D. Corbett, Esq., 12, Clare-street.
August 1st	A Sparrow Hawk,	Lucas C. Walker, Esq.
„ 9th	An Irish Fox,	T. G. Wills, Esq., Castlereagh, Co. Roscommon.
„ 14th	A Parrot,	Mrs. Bookey, Kingstown.
„ 17th	A Golden Eagle,	C. L'Estrange, Esq., Sligo.
„ 19th	A Seal,	Dr. Thompson, Ballina.
„ 21st	3 Sebastopol Geese,	Dr. George Gream, London.
„ 22nd	A Gannet,	J. Smith, Esq., Mount-st. Crescent.
„ 24th	A Young Hare,	R. W. Peebles, Esq., 9, North Frederick-street.
„ 29th	A Laughing Kingfisher,	Lientenant Robinson, 50th Regt.
Sept. 27th	2 Australian Eagles,	William Roe, Esq., Newpark, Mount-rath.
„ „	A Pair of Shell Drakes,	Lord F. Conyngham, Mount Charles, Co. Donegal.
Oct. 11th	3 Guanachos,	The Earl of Clarendon, the Grove, Watford.
„ 19th	A Seal,	G. Warring, Esq., Newry.
„ 21st	A Green Plover,	Rev. Wm. Roberts, F.T.C.D.
Nov. 2nd	A Barn Owl,	Constable T. Claffey, Metropolitan Police.
„ 11th	A Tortoise,	Master F. Carter.
„ „	A Pyrenæan Wolf Dog,	Rev. Mr. Knox, Cavan.
„ „	A Horned Owl,	Master F. Carter.
„ 20th	A Cape Pigeon,	Capt. Armstrong, Banagher, King's County.
Dec. 17th	An Otter,	Miss Tighe, Rosanna, Co. Wicklow.



## APPENDIX III.

## Animals Purchased.

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May 18th	Pair of Condor Vultures.	Aug. 16th	3 Seals.
June 6th	3 Wallaby Kangaroos, male, female, and young one.	Sept. 6th	A Pair of Armadilloes.
„ 15th	A great Sulphur-crested Cockatoo.	„ 7th	An African Monkey.
July 10th	A Pair of Siberian Wolves.	„ 10th	7 Tortoises.
„ 11th	3 S. American Monkeys.	„ 13th	3 Spoonbills.
„ 19th	A Scotch Terrier Bitch.	„ 21st	2 S. American Monkeys.
„ 20th	A S. American Monkey.	„ „	A Diver.
„ 23rd	3 S. American Monkeys.	„ 25th	A Paradoxurus.
Aug. 3rd	An African Buzzard.	„ „	A Python.
„ 10th	A Leopard.	„ „	An Axis Deer.
„ 14th	A Mandrill.	„ „	2 Female Sambur Deer.
		„ „	A Leopard.
		Oct. 5th	2 African Monkeys.
		„ „	An English Squirrel.
		„ 12th	A Female Ostrich.
		Nov. 2nd	2 Sparrow Hawks.

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## Animals Born in the Gardens.

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June 7th	1 Hog Deer Fawn, female.	July 28th	1 Llama Calf, female
„ 16th	5 Lion Cubs.	Aug. 13th	7 Mexico-Berkshire Pigs.



# List of Members

OF THE

## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

~~~~~  
\* *Indicates Life Members.*  
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### HONORARY MEMBERS.

- 1 Agassiz, Professor, Cambridge, Massachusetts
- Bell, Professor, F.R.S., Linnæan Society, London
- Carus, M. Victor, Museum, Leipsic
- Gould, John, F.R.S., 26, Charlotte-street, Bedford-square,  
London
- 5 Grant, Professor, F.R.S., University College, London
- Graves, S. R., Esq., M.P., Liverpool .
- Gray, J. E., D.C.L., British Museum
- Jenyns, the Rev. L., F.R.S.
- Jones, Professor Rymer, F.R.S., London
- 10 Lea, Isaac, LL.D., Philadelphia
- Leach, Colonel, R.E., Highgate, London
- Montgomery, General, G.S., H.M. Indian Army
- Ogilby, William, Altnachree Castle, Dunamanagh, Co.  
Tyrone
- Owen, Professor, F.R.S., British Museum, London
- 15 Rupell, M. M., Frankfort
- Selby, J. Prideaux, Twisell House, Northumberland
- Sciator, P. Lutley, Ph. D., F.R.S., Secretary, London  
Zoological Society
- Trevelyan, Sir Charles, K.C.B., Indian Service
- Young, Sir John, Bart., K.C.B.

## CORRESPONDING MEMBERS.

- 20 Hon. H. Fitzgerald, Trinidad  
A. Healy, Esq., L.K.Q.C.P.I., Estaucia Riachueto, Colonia,  
South America



- ✕ His Excellency the Marquis of Abercorn  
 ✕ The Right Hon. the Earl of Kimberley  
 ✕ The Right Hon. the Earl of Clarendon
- 25 Adams, Robert, M.D., 22, Stephen's-green, north  
 ✕ Adams, Captain John, R.N., Kingstown  
 ✕ Allan, Richard Purdy  
 Andrews, William, The Hill, Monkstown  
 Andrews, Arthur, 4, Tobernea-terrace, Monkstown
- 30 Andrews, Henry, 4, New Brighton, Monkstown  
 ✕ Annaly, Right Hon. Lord, Woodlands, Lucan  
 ✕ Archer, William, 21, Upper Pembroke-street  
 ✕ Armstrong, Andrew, Claddagh, Bray  
 ✕ Arthur, Lieutenant-Colonel, 3rd Dragoon Guards
- 35 ✕ Atkinson, John, Ely-place  
 Bagot, Andrew, 57, William-street  
 Bagot, John, 57, William-street  
 Ball, John Thomas, Q.C., LL.D., 3, Merrion-square, south  
 ✕ Ball, Robert, 43, Wellington-place
- 40 ✕ Bangor, Right Hon. Lord, Castle Ward, Downpatrick  
 ✕ Banks, John T., M.D., 10, Merrion-square, east  
 ✕ Barker, H. O., LL.D., 6, Gardiner's-row  
 ✕ Barker, William Oliver, M.D., 6, Gardiner's-row  
 ✕ Barker, Richard Oliver, 6, Gardiner's-row
- 45 ✕ Barker, John, M.D., Waterloo-road  
 Barrington, Edward, Great Britain-street  
 Barrington, Croker, 60, Fitzwilliam-square, north  
 Barrington, John, Great Britain-street  
 Barrington, William L., Great Britain-street
- 50 Barry, James M., M.D., 90, Lower Leeson-street

- Barton, Freeman, 125, Lower Baggot-street  
 Barton, Henry M., 5, Foster-place  
 Barton, John K., M.D., 40, Lower Baggot-street  
 Beatty, Thomas Edward, M.D., 18, Merrion-square, north  
 55 Bennett, Edward H., M.D., 2, Upper Fitzwilliam-street  
 Benson, Charles, M.D., 42, Fitzwilliam-square  
 Berney, Henry, 15, Dame-street  
 ✕ Berwick, Hon. Judge, 5, Merrion-street, upper  
 ✕ Bewley, Samuel, jun., 6, Dame-street  
 60 Bianconi, Charles, Longfield, Cashel  
 ✕ Blood, J. L. H., Mountjoy-square  
 ✕ Bloomfield, Benjamin, 33, Kildare-street  
 ✕ Bookey, Mrs. William, Rathdrum  
 ✕ Bomford, George, Oakley Park, Kells  
 65 Borough, Sir Edward, Bart., Nassau-street  
 Bourke, Edward F., 58, Middle Abbey-street  
 Boyd, Alexander, 29, Rutland-square  
 Boyd, Samuel, Sloperton, Kingstown  
 Boyle, Richard W., College-green  
 70 ✕ Brady, Right Hon. Maziere, Hazlebrook, Roundtown  
 Brady, Thomas F., 6, Percy-place  
 Brady, F. W., Q.C., 22, Leeson-street, lower  
 Brady, James, M.D., 38, Harcourt-street  
 Brennan, Henry, 8, Gardiner's-place  
 75 ✕ Brereton, W., Q.C., 65, Fitzwilliam-square  
 ✕ Bridgeford, W. B., 148, Sackville-street  
 ✕ Brooke, Sir Victor, Bart., Colebrook, Brookboro'  
 ✕ Brooke, William, Taney-hill, Dundrum  
 ✕ Browne, R. C., Viewmount, Carlow  
 80 Brinkley, Captain, Knockmaroon House, Castleknock  
 ✕ Brown, Hugh, Oatlands, Rathgar  
 Burke, William M., M.D., 12, Great George's-street  
 ✕ Burke, Sir Bernard (Ulster), Dublin Castle  
 ✕ Burton, Decimus, F.R.S., 37, Gloucester Gardens, Bays-  
 water, London  
 85 Burns, Gilbert, Mary-street

- Busby, Alphonso, 4, Burlington-road  
 Bushe, Arthur, 7, Harcourt-terrace  
 ✕ Butler, Lord James, Drumcondra Castle  
 Callwell, Nathaniel, 41, Fitzwilliam-place, south  
 90 ✕ Callwell, Robert, 25, Herbert-place  
 Cameron, John, 13, Fleet-street  
 Campbell, Alderman, Mountjoy-square  
 Carolin, Robinson, 14, Abbey-street, lower  
 Carroll, John Walter, M.D., 10, Leinster-street  
 95 Carroll, Coote Alexander, Boston Spa, Tadcaster, Yorkshire  
 Carte, Alexander, M.D., Royal Dublin Society  
 ✕ Carte, William, M.D., Royal Hospital  
 Caulfeild, Edward H., City Marshalsea  
 Chamberlain, Mathew H., Arran-quay  
 100 Charlemont, The Right Hon. the Earl of, Marino  
 Chatterton, Right Hon. Hedges Eyre, Fitzwilliam-place  
 Clarke, Lieutenant-General, 69, Mountjoy-square  
 Close, Rev. A., Newtown-avenue, Blackrock  
 Close, S. H., Bank, Henry-street  
 105 Colles, G. C., 48, Fitzwilliam-square  
 Colles, William, M.D., 21, Stephen's-green  
 Collins, Thomas, M.D., 28, Harcourt-street  
 Collis, Maurice H., M.D., 25, Lower Baggot-street  
 Copeland, Charles, Royal Bank  
 110 Corballis, J. R., LL.D., Q.C., Rosemount, Roebuck  
 Corballis, J. H., Ratoath Manor, Co. Dublin  
 Corbett, Daniel, 12, Clare-street  
 Corbett, Robert, 5, College-green  
 Corbett, William, Dublin Castle  
 115 ✕ Corlett, Henry, 115, Summer-hill  
 ✕ Corrigan, Sir Dominic, Bart., M.D., 4, Merrion-square, west  
 ✕ Corrigan, William J., 25, Upper Fitzwilliam-street  
 Cotton, Charles P., C.E., 36, Westland-row  
 Coulter, William, 62, Dame-street  
 120 ✕ Courtenay, Henry, 24, Fitzwilliam-place  
 ✕ Cowper, Henry A., 29, Fitzwilliam-place

- ✧ Croker, Charles P., M.D., 7, Merrion-square, west
  - Croly, Henry Gray, M.D., Harcourt-street
  - Crothwaite, Thomas, J.P., Dame-street
- 125 Cruise, Francis R., M.D., 37, Westland-row
  - ✧ Cusack, Ralph S., J.P., 24, Rutland-square, north
  - D'Arcy, Mathew P., 6, Merrion-square, east
  - Darley, Joseph F., 2, Reid's-road, Leeson-park
  - ✧ Day, Rev. Edward Fitzgerald, Edenburne, Castle Island
- 130 Denham, John, M.D., Rotundo
  - Dickson, Rev. Dr., Kildare-place
  - ✧ Dixon, George, Erne-street
  - Doherty, W. Izod, M.D., 21, Westland-row
  - Dombrain, J. R., Woodstock, Sandford
- 135 ✧ Dowse, Richard, Q.C., 38, Mountjoy-square
  - Duncan, James, M.D., Finglas
  - Duncan, Nugent B., M.D., Finglas
  - ✧ Dunally, Dowager Lady, Monkstown
  - ✧ Dunraven, Right Hon. Earl of, Adare Manor
- 140 ✧ Ellis, George, M.D., 91, Leeson-street
  - Enniskillen, Right Hon. Earl of, Florence-court
  - ✧ Esmonde, Right Hon. Sir Thomas, Ballynastra, Gorey
  - Esmonde, Major, Dublin Castle
  - ✧ Evatt, Robert B., D.L., 51, Rathgar-road
- 145 Ferrier, Alexander James, 59, William-street
  - Falkiner, Robert George, 57, Mountjoy-square
  - ✧ Farnham, Right Hon. Lord, Farnham, Co. Cavan
  - ✧ Farrell, E. Walter, 3, Merrion-square, east
  - ✧ Farrell, James, 3, Merrion-square, east
- 150 ✧ Farrell, Mrs., 3, Merrion-square, east
  - Findlater, Adam S., 30, Sackville-street, upper
  - Findlater, William, 35, Upper Ormond-quay
  - ✧ Findlater, Alexander, Slopes, Kingstown
  - Fitzgerald, Right Hon. Mr. Justice, 7, Merrion-sq., east
- 155 ✧ Fitzgerald, Thomas, Esq., 22, Fitzwilliam-place
  - Fleming, Christopher, M.D., 6, Merrion-square, north
  - Flemyng, Benjamin F., 25, Bushfield-avenue

- Foot, Arthur Wynne, M.D., 21, Lower Pembroke-street  
 Foot, Charles H., 14, Fitzwilliam-street, upper
- 60 ✧ Forrest, J. K., M.D., 13, Clare-street  
 Fox, Anthony, Runnymede, Dundrum  
 Fry, John, Westmoreland-street  
 Galbraith, Rev. Professor, Trinity College  
 Geale, William, Upper Mount-street
- 165 Geoghegan, J. G., M.D., 4, Upper Merrion-street  
 Good, John, 17, Creighton-street  
 Gordon, Samuel, M.D., 11, Hume-street  
 ✧ Granard, Rt. Hon. Earl of, Castle Forbes, Co. Longford  
 ✧ Greer, A. J., 17th Lancers
- 170 ✧ Gregory, W. H., M.P.  
 ✧ Gresham, Thomas M., Raheny Park  
 Gray, Robert, College-green  
 Greene, Thomas, 49, Stephen's-green  
 Griffith, Sir Richard, Bart., 2, Fitzwilliam-place
- 175 Guinness, Sir Benjamin Lee, Bart., M.P., James's-street  
 Guinness, B. Grattan, M.D., 24, Fitzwilliam-street, lower  
 Guinness, Frederick G., 24, Fitzwilliam-street, lower  
 Hall, General, Merville, Donnybrook  
 ✧ Halliday, Alexander H., Carnmoney, Co. Down
- 180 Hamilton, J. T., M.D., Brighton-terrace, Monkstown  
 ✧ Hamilton, John, M.D., 14, Merrion-square  
 Hamilton, C. W., Hamwood House, Dunboyne  
 Hamilton, C. W., Hamwood House, Dunboyne  
 Hatchell, George W., M.D., 13, Hume-street
- 185 Haughton, James, 35, Eccles-street  
 ✧ Haughton, Rev. Samuel, M.D., F.R.S., Trinity College  
 Haughton, William, 27, City-quay  
 Hayden, Francis, 4, Pembroke-quay  
 Head, Henry, M.D., 7, Fitzwilliam-square
- 190 ✧ Headford, Most Hon. the Marquis of, Headford House, Kells  
 Hepburn, William Joseph, M.D., 26, Arran-quay  
 Heron, Denis Caulfield, LL.D., Q.C., 7, Upper Fitzwilliam-  
 street



- Hewate, Thomas, 7, Belgrave-square, Monkstown  
 Hildige, James, M.D., 7, Merrion-street, upper
- 195 Hillier, Lieut.-Col., Constabulary Depot, Phœnix Park  
 Holmes, George, 10, Rogerson's-quay  
 ✕ Hodson, R. A., Hollybrook, Bray  
 ✕ Hogg, Wm. (J. Bewley & Co.), Cope-street  
 ✕ Hone, Nathaniel, St. Doulough's Park
- 200 ✕ Hone, Thomas, 5, Foster-place  
 ✕ Howth, Right Hon. the Earl of, Howth Castle  
 ✕ Hudson, Alfred, M.D., 2, Merrion-square, north  
 Hudson, Edward, 28, Gardiner's-place  
 Hughes, James S., 24, Westland-row
- 205 Hutchinson, J. H., Richmond-place, south  
 ✕ Hutton, Mrs.  
 ✕ Hutton, Thomas Maxwell, 118, Summer-hill  
 ✕ Hutton, Mrs. Thomas Maxwell, 118, Summer-hill  
 ✕ Hutton, Lucius O., 116, Summer-hill
- 210 ✕ Hutton, Robert, Putney-park, Surrey  
 Ilbery, George E., St. John's, Island-bridge  
 ✕ Ingram, Hull, 7, Parkgate-street  
 ✕ Ireland, Richard S., M.D., 121, Stephen's-green  
 Irvine, Hans, M.D., 1, Rutland-square
- 215 ✕ Jacob, Arthur, M.D., 23, Ely-place  
 ✕ Jacob, Archibald H., M.D., 23, Ely-place  
 ✕ Jameson, James, Airfield, Donnybrook  
 ✕ Jameson, John, 55, Prussia-street  
 Jameson, William, Montrose, Donnybrook
- 220 Jeffers, Patrick D., 30, Fitzwilliam-square  
 Jellett, Hewitt Poole, Q.C., Upper Pembroke-street  
 Jellett, Rev. J. H., F.T.C.D., Wellington-road  
 Johnson, Rev. Benjamin  
 Johnson, George, M.D., 3, Rutland-square
- 225 ✕ Jones, John, 6, Dawson-street  
 ✕ Jukes, J. Beete, M.A., F.R.S., 72, Upper Leeson-  
 street  
 Jury, William, 7, College-green

- Kelly, Denis H., 51, Upper Mount-street  
 Kelly, Thomas L., Lower Gardiner-street
- 230 Kelly, Charles, Q.C., 34, Fitzwilliam-square  
 ✱ Kennedy, Evory, M.D., Belgard, Clondalkin  
 Kennedy, Henry, M.D., 17, North Frederick-street  
 ✱ Kenny, Mathias, 3, Clifton-terrace, Monkstown  
 Kidd, George H., M.D., 17, Merrion-square, east
- 235 ✱ Kildare, Most Hon. the Marquis of, Kilkea Castle, Mageny  
 Kinahan, George, Roebuck-hill, Dundrum  
 Kinahan, Edward H., 11, Merrion-square, north  
 ✱ King, Charles Croker, M.D., Queen's College, Galway  
 ✱ Lacy, Miss Frances, Inchicore Lodge
- 240 ✱ Lalor, John J., 2, Longford-terrace, Monkstown  
 ✱ Larcom, Major-General Sir Thomas, K.C.B., Phoenix Park  
 ✱ La Touche, J. W., Dundrum  
 Lawson, Right Hon. James A., Q.C., 27, Upper Fitzwilliam-street  
 Leech, Jonathan, M.D., 21, Ely-place
- 245 Le Fanu, William R., 59, Fitzwilliam-square  
 ✱ Leinster, His Grace the Duke of, Carton, Maynooth  
 Lentaigne, John, D.L., 1, Great Denmark-street  
 Leslie, Rev. John, F.T.C.D., Trinity College  
 Littledale, William F., 9, Ormond-quay
- 250 Lloyd, Rev. Humphrey, D.D., Provost of Trinity College  
 Longfield, Right Hon. M., 47, Fitzwilliam-square  
 ✱ Luby, Rev. Thomas, F.T.C.D., 43, Lower Leeson-street  
 ✱ Lurgan, Right Hon. Lord, Brownlow House, Lurgan  
 ✱ Lyle, Acheson, the Oaks, Londonderry
- 255 Lyle, James Acheson, 13, Pembroke-road  
 Lyon, Richard, M.D., 57, Bolton-street  
 ✱ Lyons, Robert D., M.B., 8, Merrion-square, west  
 Macalister, Alexander, M.D., 11, Gardiner's-place  
 M'Curdy, John, 10, Leinster-street
- 260 M'Cullagh, Andrew, 25, Mountjoy-square  
 MacDonnell, Right Hon. Alexander, Marlborough-street  
 MacDonnell, Alexander, C.E., St. John's, Island-bridge

- MacDonnell, John, M.D., 4, Gardiner's-row  
 ✕ MacDonnell, James, 66, Lower Leeson-street  
 265 ✕ MacDonnell, Robert, M.D., F.R.S., 14, Lower Pembroke-  
 street  
 M'Donnell, Luke, 4, Merrion-square, east  
 M'Dougall, William, Carrickbrack, Howth  
 ✕ M'Dowel, Benjamin George, M.D., 5, Merrion-square,  
 south  
 M'Kerlie, Colonel, Custom House  
 270 Maguire, James T., M.D., Chapelizod  
 Maguire, William R., 10, Dawson-street  
 Mahaffy, Rev. John P., F.T.C.D., Trinity College  
 Malcolmson, William, Portlaw  
 ✕ Malone, Mrs. O'Connor, Bowenstown, Mullingar  
 275 Manders, Richard, Brackenstown House, Swords  
 ✕ Martin, Richard, 7, Merrion-square, south  
 Martin, Charles, North-wall  
 Martin, James, North-wall  
 Martin, Thomas, North-wall  
 280 Mathews, Edward, 2, Beresford-place  
 Maunsell, Henry, M.D., Parliament-street  
 May, George A. C., Q.C., 13, Fitzwilliam-square  
 ✕ Mayo, Right Hon. Earl of, Palmerstown House, Naas  
 Merriman, Michael, 9, Royal-terrace, east, Kingstown  
 285 Mitchell, George, 20, Lower Sackville-street  
 Mollan, John, M.D., 60, Fitzwilliam-square  
 Molloy, John, Temora, Blackrock  
 ✕ Molyneux, Sir Capel, Bart., Castle Dillon, Armagh  
 ✕ Moore, Robert H., F.R.C.S.I., 28, Upper Merrion-  
 street  
 290 ✕ Monteagle, Right Hon. Lord, Mount Trenchard, Foynes  
 Montgomery, Captain, R.N., 5, Grosvenor-terrace,  
 Rathmines  
 Montgomery, Robert, John, 57, Leinster-road  
 Morgan, Hon. Mrs. Deane, Ardcairisk, Co. Wexford  
 Morgan, John, M.D., 23, Stephen's-green

- 295 Moses, Marcus, Leeson-park  
 Mulvany, J. S., 4, Trafalgar-terrace, Monkstown  
 Murland, James W., 25, Fitzwilliam-square  
 Murray, J. Marshall, 25, College-green  
 ✨ Napier, Right Hon. Sir Joseph, Bart., Merrion-square
- 300 ✨ Neilson, James, 104, Middle Abbey-street  
 Nolan, Edward, 1, Palmerston-villas, Upper Rathmines  
 Nolan, Sebastian M., 26, Westland-row  
 Nolan, Henry P., M.D., Lower Baggot-street  
 Nugent, Daniel, 9, Denmark-street
- 305 Nugent, John, M.D., 14, Rutland-square  
 O'Donnell, James, 37, Lower Leeson-street  
 ✨ O'Ferrall, James, 3, Gresham-terrace, Kingstown  
 O'Ferrall, Joseph, M.D., 15, Merrion-square, north  
 O'Grady, M. J., Westmoreland-street
- 310 O'Hagan, Right Honorable Mr. Justice, 34, Rutland-square  
 O'Kelly, Mathias J., Rochestown House, Killiney  
 ✨ O'Rorke, Hugh, 4, Breffni-terrace, Sandycove  
 Oldham, Eldred, 12, Westmoreland-street  
 Owen, Jacob, 54, Mountjoy-square
- 315 Owen, Jacob H., Park-avenue, Sandymount  
 Palmer, Sir W. H. Roger, Bart., Kenure Park, Rush  
 ✨ Parker, Alexander, 46, Rathmines-terrace  
 ✨ Peebles, Robert W., 9, North Frederick-street  
 ✨ Peebles, William E., 9, North Frederick-street
- 320 ✨ Percival, Charles, M.D., 8, Wilton-square  
 Perrin, Mark, Rutland-square  
 Perry, James, Dean's Grange, Monkstown  
 ✨ Pigot, Right Hon. D. R., Lord Chief Baron, 52, St. Stephen's-green  
 Pike, W. H., Pill-lane
- 325 Pim, George, Brennanstown, Cabinteely  
 Pim, Jonathan, M.P., William-street  
 Pim, Thomas, William-street  
 Pim, Thomas, jun., William-street

- Pim, W. Harvey, William-street
- 330 ✧ Pollard, W. D.  
 Poole, Rev. Hewitt R., F.T.C.D., Wellington-road  
 Porter, George H., M.D., 21, Kildare-street  
 Power, Sir James, Bart., 27, Merrion-square, north  
 Powerscourt, Right Honorable Viscount, Powerscourt,  
 Enniskerry
- 335 Power, Alfred, 35, Raglan-road  
 Radcliffe, John, Rathmines  
 Rathborne, H. B., Dunsink, Castleknock  
 ✧ Rathborne, John G., Dunsinea, Castleknock  
 Reeves, Robert, 22, Upper Mount-street
- 340 Reeves, Samuel S., 22, Upper Mount-street  
 ✧ Richards, Right Hon. J., Sandfield Lodge, Ennistymon, Clare  
 Rigby, John, 24, Suffolk-street  
 Ringland, John, M.D., 14, Harcourt-street  
 ✧ Roden, Right Hon. the Earl of, Dundalk House, Dundalk
- 345 ✧ Rowley, Capt. Thomas Taylor  
 ✧ Ruthven, E. S., 107, Capel-street  
 Ryan, George, Castlecomer, County Kilkenny  
 Salmon, Rev. Dr., F.T.C.D., Wellington-road  
 Sanders, Gilbert, The Hill, Monkstown
- 350 ✧ Scriven, W. B., M.D., 33, Stephen's-green  
 ✧ Shirley, Evelyn J., D.L., Carrickmacross  
 ✧ Simpson, Sir George, Hudson's Bay House, London  
 ✧ Sligo, Most Hon. the Marquis of, Westport House, West-  
 port  
 Sloane, J. J., Ballast Office
- 355 ✧ Smith, Aquilla, M.D., 121, Lower Baggot-street  
 ✧ Smith, Henry, 15, Lower Baggot-street  
 ✧ Smith, Robert William, M.D., 63, Eccles-street  
 Smith, John, 3, Cabra-terrace  
 ✧ Smith, William
- 360 Smyly, P. Crampton, 4, Merrion-square, north  
 Smyth, Colonel the Hon. Leicester, Royal Hospital  
 ✧ Spottiswode, Lieut.-Colonel A.

- ✧ Staunton, C. F., M.D., Salisbury
- Stephens, Charles J., 4, Sydenham Villa, Bray
- 365 Stephens, Henry C., 72, Aungier-street
- ✧ Stewart, Henry H., M.D., Lucan
- ✧ Stewart, Alex. J. R., D.L., J.P., Ards House, Co. Donegal
- Stoker, E. A., M.B., 49, Rutland-square, west
- Stoney, Bindon, C.E., 42, Wellington-road
- 370 Stoney, J. H. Loftey, M.D., 89, Lower Baggot-street
- Sullivan, Edward, Q.C., M.P., Fitzwilliam-place
- ✧ Sullivan, W. K., 53, Upper Leeson-street
- Swanzy, John, 12, Hardwicke-street
- Swan, R. M., M.D., Steeven's Hospital
- 375 Sweetman, Patrick, 23, Francis-street
- ✧ Sweetman, Walter, 4, Mountjoy-square, north
- Sykes, George, Dame-street
- Tabuteau, Bartholomew M., 124, Abbey-street, upper
- ✧ Talbot de Malahide, Right Hon. Lord, Malahide
- 380 Tandy, Shapland Morris, 15, Appian Way
- Templeton, Robert, M.D., Hibernian School, Phœnix  
Park
- ✧ Thom, Alexander, Middle Abbey-street
- Thompson, Henry, 9, Eustace-street
- ✧ Tighe, the Right Hon. W. F., Woodstock, Innistiogue
- 385 ✧ Todd, Rev. James H., D.D., F.T.C.D.
- Todhunter, Joseph, 3, College-green
- ✧ Toole, Charles, 41, Westmoreland-street
- Toomey, Edward, Parkgate-street
- Torney, Thomas, M.D., 8, Blackhall-street
- 390 Tufnell, Joliffe, M.D., 58, Lower Mount-street
- Tweedy, Henry, M.D., 16, Rutland-square
- Tyner, G. St. George, M.D., Steeven's Hospital
- ✧ Tyrrell, James, Kildare-street
- Vance, Thomas, 9, Bridge-street
- 395 ✧ Vandeleur, Col. Crofton Moore, M.P., Kilrush House,  
Kilrush
- ✧ Vigers, H. M.

- ✧ Waldron, Laurence, D.L., 38, Rutland-square
- Walsh, Right Hon. J. E. (Master of the Rolls) 14,  
Merrion-square, south
- ✧ Warren Robert, 40, Rutland-square
- 400 ✧ Warren, Robert J., 40, Rutland-square
- Waterhouse, Samuel, 25, Dame-street
- Wardell, John, Thomas-street
- Watson, Joshua, Ballyroon, Rathfarnham
- West, Very Rev. Dean, St. Patrick's
- 405 White, Captain George
- ✧ Whitty, J. Irwin, LL.D., 94, Lower Baggot-street
- Wigham, J. R., Albany House, Monkstown
- Wilcox, John St. Laurence, Templeogue
- Williams, Richard P., 38, Dame-street
- 410 ✧ Williams, J. E., R.A.
- ✧ Williams, Richard, 38, Dame-street
- ✧ Wilson, John, Earlsfort-terrace
- Wilson, Joseph, D.L., 15, Upper Temple-street
- Winter, Richard, 60, Upper Leeson-street
- 415 Woodlock, Joseph, 42, Dame-street
- ✧ Woods, George, J.P., Milverton, Balbriggan
- ✧ Woods, Hans Hamilton, J.P., Whitestone House, Bal-  
briggan
- ✧ Wright, Edward, LL.D., Floraville, Donnybrook
- ✧ Wright, Joseph, Edenvale, Conyngham-road
- 420 Wright, Edward P., M.D., 10, Clare-street
- ✧ Wybrants, Robert, 47, Rutland-square
- Wynyard, Colonel, H.B., Hibernian School, Phoenix Park
- ✧ Yeates, Stephen, 2, Grafton-street
- ✧ Young, Right Hon. Sir John, Bart., Castle, Bailie-  
borough
- 425 Young, John, 31, Fitzwilliam-place

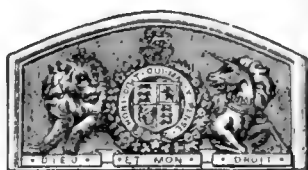
## GARDEN SUBSCRIBERS.

- Allen, Richard, 28, Sackville-street, lower  
 Bain, John, Trinity College Botanic Gardens  
 Bayly, Elisha, George's-hill  
 Conyngham, Major-General, Royal Barracks  
 430 Freeman, David, 71, Queen-street  
 Green, J. S., 83, Lower Leeson-street  
 O'Connor, Valentine O'B., 8, Merrion-square, north  
 M'Ghee, Rev. B., 4, Wodehouse-terrace  
 Murphy, Michael, Parkgate-street  
 435 Newman, Miss, Lower Baggot-street  
 Nugent, Colonel, 9, Wodehouse-terrace  
 Oakes, Colonel, 12th Lancers  
 Speedy, Major, Royal Hibernian Military School  
 Stokes, Frederick, Commercial Buildings  
 440 Twigg, J. S. K., 8, North Frederick-street  
 Walker, John, Chapelizod





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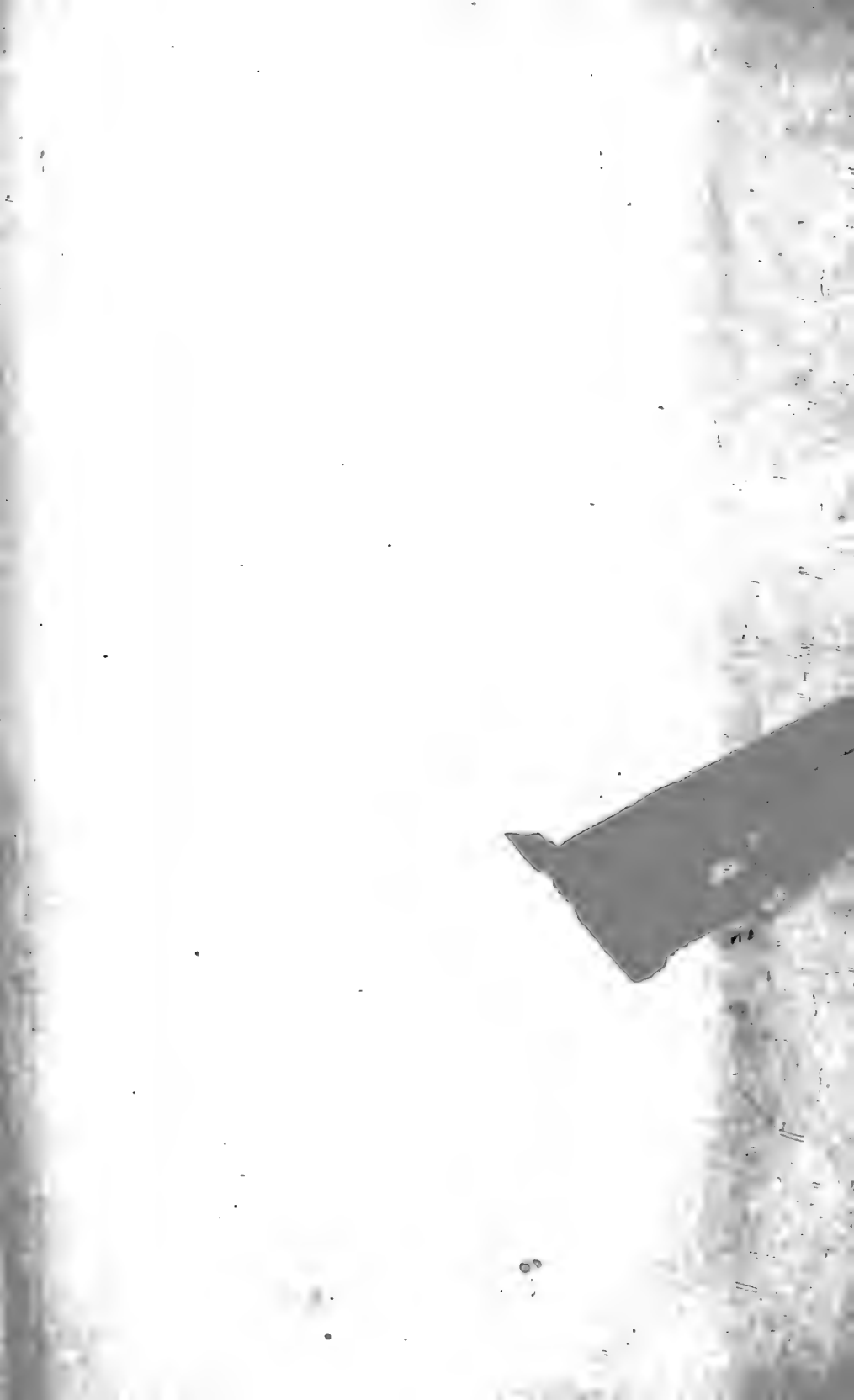
The Thirty-Eighth  
ANNUAL REPORT  
OF  
The Royal Zoological Society  
OF IRELAND,

FOR THE YEAR ENDED 31<sup>ST</sup> DECEMBER, 1869.



DUBLIN:  
BROWNE & NOLAN, PRINTERS, NASSAU-STREET.

1870.



# OFFICERS AND COUNCIL, 12th JAN., 1870.

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## Patroness:

HER MAJESTY THE QUEEN.

## Ex-Presidents:

HIS GRACE THE DUKE OF LEINSTER.  
THE MARQUIS OF KILDARE.  
LORD TALBOT DE MALAHIDE.  
SIR DOMINIC CORRIGAN, BART., M.D.

## President.

EARL OF MAYO.

## Vice-Presidents.

BANKS, J. T., M.D., M.R.I.A., President, College of Physicians  
CALLWELL, R., Esq., M.R.I.A.  
IRVINE, HANS., M.B.  
LENTAIGNE, J., Esq., D.L.  
MURLAND, J. W., Esq., M.A.

## Secretary.

HAUGHTON, REV. S., M.D., D.C.L.

## Treasurer.

HUTTON, T. MAXWELL, Esq.

## Council.

ANDREWS, W., Esq., M.R.I.A.  
BALL, ROBERT, M.A.  
BARTON, H. M., Esq.  
BENNETT, E. H., M.D.  
BRINKLEY, W. S., Esq.  
CARTE, WILLIAM, J.P.  
FOOT, A. W., M.D.  
LYONS, R. D., M.B.  
LALOR, J. J., Esq., M.R.I.A.  
MAPOTHER, E., M.D.  
MARTIN, R. Esq.  
M'DONNELL, ROBERT, M.D.  
M'KERLIE, Colonel, B.E.  
MOYLAN, E. K., Esq.  
TEMPLETON, R., M.D., Deputy Inspector-General.



# Laws and Regulations

OF

## THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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### CHAPTER I.—THE CONSTITUTION.

1. The Society consists of Ordinary Members and Honorary Members.

2. The Officers shall be chosen from amongst the Ordinary Members, and shall be

A President,  
Five Vice-Presidents,  
A Secretary, and  
A Treasurer,

who, together with fifteen other Ordinary Members of the Society, shall constitute the Council,

3. The Officers and Council, for each year, shall be elected at the Annual General Meeting of the Members of the Society.

4. But in case any Officer, or other Member of the Council, shall die or resign, the Council may appoint a Member to supply his place until the next Annual Meeting.

### CHAPTER II.—THE MEMBERS.

1. Every person wishing to become a Member of the Society must be proposed in writing to the Council, by one Member of Council, and seconded by another; and upon election and payment of his admission fee, such person shall be a Member of the Society.

2. But he shall not exercise the privileges of a Member until his first year's subscription is paid in advance.

3. The Admission Fee shall be *One Pound*, the Annual Subscription *One Pound*, and the Composition for life, in lieu thereof, *Ten Pounds*.

4. The Annual Subscription shall be due on the first of January in year, and shall be payable in advance.

5. If the Subscription of any Member is not paid within one year after it is due, he shall cease to be a Member until he shall have paid up his arrears.

6. No person becoming a Member after the first day of October in any year, shall be liable for the Subscription for that year.

7. No person shall exercise the privilege of a Member until he shall have paid his Subscription for the current year.

8. Ladies may be admitted as Members upon the same terms, and with the same privileges, as gentlemen.

9. Members of the Society, Wives of Members, and Children of Members while resident with their parents, shall have the privilege of free admission to the Gardens, on their names and addresses being inserted in the Admission Book; and, in the case of Children of Members under twelve years of age, the name of the person in charge of them being also signed.

### CHAPTER III.—HONORARY MEMBERS.

1. Distinguished persons may be elected Honorary Members without annual or other payment, by a vote of the Society, at any of its Meetings, upon the previous recommendation of the Council.

2. Honorary Members shall have the same privileges as other Members, except that of voting at the Meetings.

3. The number of Honorary Members shall be limited to twenty.

### CHAPTER IV.—THE OFFICERS.

#### *The President.*

1. The President shall preside at all Meetings of the Society and Council, when present, and shall generally superintend the affairs of the Society.

2. The same person shall not be President for more than five successive years.

3. Ex-Presidents shall continue to be Honorary Members of Council.

*Vice-Presidents.*

1. Of the five Vice-Presidents, two at least shall go out at each election, but this shall not prevent their continuing Members of the Council in another capacity.

2. The Vice-Presidents shall supply the place of the President in his absence.

*The Secretary.*

It shall be the duty of the Secretary to see to the execution of the rules, orders, and directions of the Society and Council.

*The Treasurer.*

No Money shall be paid by the Treasurer, except upon the written order of the Council, signed by at least three of its Members.

CHAPTER V.—THE COUNCIL.

1. Three Members shall form a Quorum.

2. The Council shall meet at such times as they themselves shall determine.

3. It shall be the duty of the Council to conduct the business of the Society, subject to the laws and regulations of the Society at large.

4. All questions shall be decided by the majority of voices ; and where the numbers are equal, the Chairman shall have a casting voice ; but he shall not vote except in such case.

5. The Council may summon a Meeting of the Society for scientific purposes whenever they think fit, stating the object of such Meeting ; and at such Meeting no business but that stated in the notice shall be discussed.

6. At least three of the Council shall go out at each election.

7. No Member of the Society having any contract with the

Society or Council for which payment is to be made, shall be eligible to a seat in the Council in any capacity; and if the name of any Member of the Society having a contract with the Society, or receiving any fee or emolument from the Society, shall be found in the ballot, that name shall be set aside by the Chairman, notwithstanding any number of votes that may be appended to it; and if any Member or Officer of the Council enter into any contract with the Society, or receive from it any fee, payment, or emolument, his seat shall become, *ipso facto*, vacant in the Council, and the Council shall immediately summon a Meeting of the Society, to elect a Member to the vacant place.

#### CHAPTER VI.—THE ANNUAL MEETING.

The Annual Meeting shall be held on the second Tuesday in January in each year, for the purpose of electing the Council and Officers for the ensuing year, and of hearing the Report of the Council read, and auditing the accounts.

##### *Election of Officers.*

1. The Council for the time being shall annually cause to be prepared a list of persons whom they recommend to be Officers and Council for the ensuing year.

2. The list shall distinguish the three or more Members proposed to be removed, and the three or more proposed to be elected in their room, and it shall be transmitted to each Member residing in Dublin, by post, along with the notice of the time and place of the General Meeting, to be sent at least seven days before the day of Meeting.

3. The Chair shall be taken at four o'clock, when the ballot shall commence, and continue open for one hour, at the expiration of which time the Chairman shall proclaim that the time had arrived when the ballot should close, and order the porter not to admit any other Members into the room, and then the Chairman shall call on the Members in the room who have not balloted, to come forward and ballot, and the scrutiny shall



forthwith take place ; and those persons to whose names the greater number of marks shall have been affixed shall be declared duly elected, in the order and places in which they stand, provided at least three new Members be elected, but if not, then those of the proposed Members who have the least number of marks shall be rejected, until at least three former Members are excluded, and their places shall be filled by those who have the next greatest number of marks.

4. If two or more names have the same number of marks, the order of preference shall be decided by lot.

*General Business.*

1. No motion respecting a change in the laws or constitution of the Society shall be discussed or voted upon, at the Annual or other Meeting, except as hereafter provided, unless notice thereof be given in writing, to the Council, at least one month before such Meeting ; the Council to give seven days' notice to the Members, as before ordered.

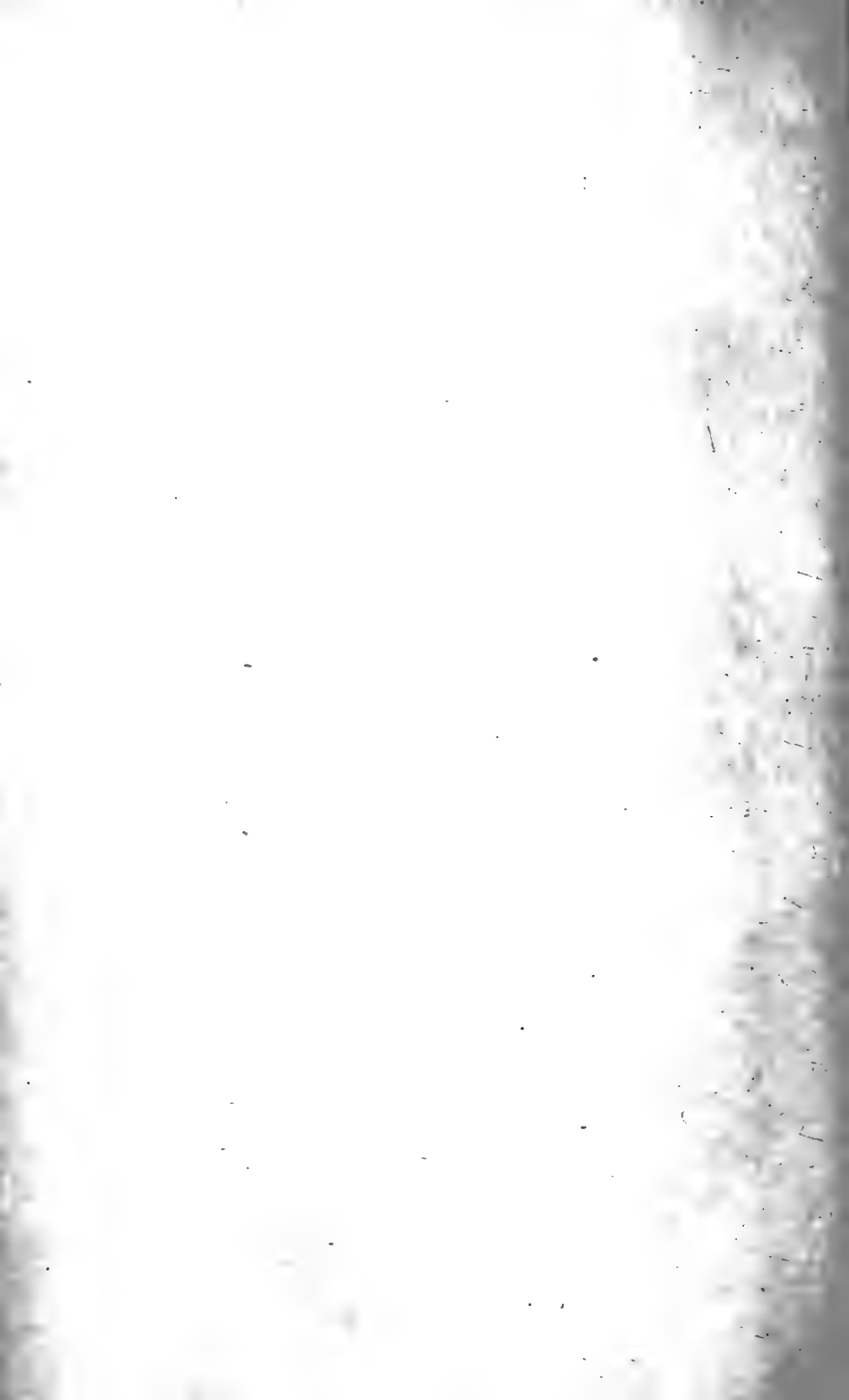
2. But the Council may propose, and bring to the vote, any measure or question, at any of the Meetings of the Society, provided it shall have been under their consideration for at least one month, and that notice thereof be given to the Members in the circular notice of such Meeting, at least seven days previous to the day of Meeting.

CHAPTER VII.—THE GARDENS.

1. Any person enrolling his name in a book kept at the gate of the Gardens, and paying One Pound a year, shall be a Subscriber, and shall have the same privileges of ingress to the Gardens as a Member of the Society.

2. The Council shall have the power of suspending all rights of free entrance to the Gardens, upon the day of a public fete, or similar occasion, when such shall be given for the benefit of the Society.

3. During frost the Council shall have power to suspend all privileges of Members and Garden Subscribers, except that of personal admission, and to vary, as may seem fit to them, the rates of admission of the public.



# ROYAL ZOOLOGICAL SOCIETY

OF IRELAND.

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THE Thirty-eighth Annual Meeting of the ROYAL ZOOLOGICAL SOCIETY OF IRELAND, was held in the Hall of the College of Physicians, on Tuesday, 11th January, 1870.

DR. BANKS, President of the King and Queen's College of Physicians, in the Chair.

The Rev. DR. HAUGHTON, Secretary, read the following Report of Council, which was unanimously adopted :—

## Report of Council.

During the year 1869 the number of visitors to the Gardens, and the receipts at the entrance gate, were as follows :—

1. Members	...	5,174	...			
2. Public Schools	...	2,489	...			
3. Visitors at Sixpence	24,448	...	£611	4	0	
4. Visitors at One Penny	103,624	...	431	15	4	
5. Schools at Three Pence	276	...	3	9	0	
6. Visitors on Tickets	41	...				
Total	...	...	136,052	£1,046	8	4

During the year preceding (1868) the corresponding numbers were:—

1. Members	...	4,129		
2. Public Schools	...	1,859		
3. Visitors at Sixpence		20,866	... £521 13. 0	
4. Visitors at One Penny		100,146	... 417 5 6	
Total	...	...	127,000	£938 18 6

The total amount of subscriptions received in the year 1869, was £369; while that received in 1868 was £343; shewing an increase of £26.

In the Animal Provision Account a sum of £829 4s. 6*d.* has been expended, which is £59 less than that expended last year, although the animals have been equally well fed and cared for. The chief credit of this economy is due to the exertions and constant supervision of your Superintendent, Mr. EDWARD CARTER.

The following Table, shewing the numbers of visitors each year, from the foundation of the Gardens in 1832, will interest the numerous friends of the Society.

Year.	No. of Visitors.	Year.	No. of Visitors
1832	... 36,497	1838	... 34,469
1833	... 37,680	1839	... 53,768
1834	... 64,647	1840	... 29,262
1835	... 46,487	1841	... 97,405
1836	.. 43,209	1842	... 109,706
1837	... 41,479	1843	... 89,706

Year.	No. of Visitors.	Year.	No. of Visitors.
1844	111,341	1857	136,859
1845	132,485	1858	150,113
1846	111,865	1859	156,701
1847	88,685	1860	140,663
1848	66,167	1861	125,715
1849	64,328	1862	132,771
1850	60,276	1863	115,652
1851	66,160	1864	136,787
1852	92,096	1865	127,522
1853	78,049	1866	111,789
1854	114,238	1867	125,010
1855	95,389	1868	127,000
1856	122,518	1869	136,052

The relative proportions of various kinds of Animals kept in the Gardens from time to time, may be seen from the following Table of Stock of Mammals, Birds, and Reptiles, taken in various years.

Year.	Mammals.	Birds.	Reptiles.	Total.
1833	64	73	2	139
1834	76	128	4	208
1838	81	135	—	216
1862	58	162	3	223
1869	143	219	25	387

From the foregoing Table, it is evident that the number of Animals exhibited in the Gardens has been continually increasing, and that they now offer to visitors a much greater opportunity for study and observation, than at any previous period.

The new Carnivore House has been stocked with Lions, Leopards, and Pumas during the course

of the year, and proves admirably adapted to the purposes for which it was intended. In point of light, air, and warmth, it rivals the old Carnivore House, placed beside it, and which has proved so successful.

The new Aquarium also was opened during the course of the past year by their Excellencies the Lord Lieutenant and the Countess Spencer, to whom the Council desire to express their best thanks for the kind interest they have constantly shown in the prosperity of the Gardens.

The best thanks of the Society are also due to the Corporation of the City of Dublin, for the liberality they have displayed in furnishing an abundant supply of pure water from the Vartry for the use of the Animals in the Gardens.

The arrangements made by the Council for the filtering of the sea water supplied to the new Aquarium are now completed, and when the return of Spring shall enable the Council to stock the sea water tanks with Fish and Zoophytes from Dalkey and Howth, it is expected that the Aquarium of the Dublin Gardens will yield to none in Europe, in the variety and beauty of its interesting inhabitants.

Through the kindness and liberality of his Excellency the Earl of Mayo, Governor-General of India, a fine Elephant, named "Marksman," 6 years old, and measuring 5 ft. 10 in. high, was shipped, as a present to the Dublin Gardens, from

Calcutta, on the 22nd March last. This fine animal, whose native name was "Beharee Loll," was captured on the 7th January, 1868, in the Surrundur Jungles, in the Maughur Ghattee District, in the Tributary Mehals, with a herd of fifty-six, by the late Cuttack Khedda Establishment.

The herd, consisting of fifty-six elephants, was discovered in the above-named jungles on the 31st December, 1867, and the whole herd was captured on the 7th January, 1868. Marksman's mother was captured with the herd, and by her side she had a calf one year old. Both mother and calf died shortly after their capture, and poor "Marksman" himself died also on his passage to England, about one month after leaving Calcutta, in the good ship "Carlisle Castle."

Your Council deeply regret his loss, but feel that their obligations to the Earl of Mayo, the Irish Viceroy of India, are as great as if his kind intentions towards the Dublin Zoological Gardens had been completely fulfilled.

Scientific Evening Meetings were held during the year (in March, June, and December), in conjunction with the Royal Geological Society of Ireland. These meetings were largely attended by the members of both Societies, and it is proposed to continue them in the corresponding months of the coming year.

At these meetings papers were read and discussed on the following Zoological subjects :—

1. On the Breeding of the Large Carnivores in Confinement.
2. On the Muscular Anatomy of the Three-toed Sloth and Banded Armadillo.
3. On the Breeding of the Cereopsis Goose in the Dublin Zoological Gardens.
4. On the Muscular Anatomy of the Marsupials.
5. On the Arrangement and Uses of the Tendons of the Hand and Foot in various Mammals, Birds, and Reptiles.

The materials used in the preparation of these papers were chiefly provided by the animals, living or dead, of the Gardens of the Society; and your Council confidently expect, from a continuance of these Scientific Meetings, a considerable development of the Scientific uses of your Zoological Gardens in aid of the study of Comparative Anatomy, which has been of late years too much neglected in Dublin.

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APPENDIX II.

RETURN OF ANIMALS PRESENTED

TO THE

Royal Zoological Society of Ireland,

DURING THE YEAR 1869.

1869.	ANIMALS, ETC.	BY WHOM PRESENTED.
Jan. 24th	1 Badger,	Major Horsfall.
„ 27th	1 Mongoose,	N. Gosselin, of Cavan.
Feb. 2nd	1 Sea-Gull,	} James Collier, Esq., Sidney-parade, Merrion.
	1 Grouse,	
	4 Wild Ducks, and 1 Starling,	
„ 5th	1 Golden Eagle,	Michael Obens Jones, Esq., Lisgoole Abbey, Enniskillen.
„ 16th	A Black faced Spider Monkey	Captain Hoare, of the Steamship “Australian,” through Captain Allen, of Ballystraw, County Wexford.
„ 20th	A Buenos-Ayrean Drake } and Silver-spangled } Hamburg Hen, }	Richard P. Williams, Esq., 38, Dame-street.
March 3rd	West Indian Goat,	Miss Atkinson, Carrickbrennan House, Monkstown
„ 4th	1 Black Swan,	The Countess of Granard.

1869.	ANIMALS, ETC.	BY WHOM PRESENTED.
March 17th	1 Marmoset,	Lady Adelaide Forbes, through the Countess of Granard.
„	18th 1 White-nosed Monkey,	H. M'Cormick, Esq., 8, Tivoli-terrace, Kingstown.
„	25th 2 Badgers,	P. P. Stone, Esq., Cushendall, Co. Antrim.
„	30th 2 Hedgehogs,	James Fanning, Greek-street.
April 2nd	1 Vixen Fox,	Mrs. Murray, Carton, Maynooth.
„	6th 1 Silver Fox,	A. L. Barlee, Esq.
„	17th Pair of Silver Pheasants,	E. H. Caulfeild, Esq., Marshalsea.
„	22nd Pair of Yellow Turbit Pigeons,	} Mr. Carter, Superintendent.
„	23rd 1 Red Squirrel,	
„	24th 1 Rhesus Monkey (large),	R. Reynolds, Esq., Belleek, Co. Donegal.
„	27th Pair of Rosella Parakeets,	Mrs. Bookey, 7, Haddington-terrace, Kingstown.
„	30th Pair of Starlings and a Ring Dove,	} Mrs. Carter, Zoological Gardens.
May 1st	Pair of White Swans,	
„	7th A Malabar Squirrel,	The Committee of the Inchicore Library.
„	9th A Black Snake,	J. B. Hamilton, Esq., M.D., Royal Artillery, 96 Lower Mount-street.
March 12th	A Weasel,	Charles J. S. Digges, Esq., through W. H. Digges, Esq., 3, Lower Sackville-street.
„	25th Pair of Black Canadian Squirrels,	H. B. Rathborne, Esq., Dunsink, Castleknock.
June 1st	A Raccoon,	Rev. Mr. Stanford, Rector, St. Thomas's.
„	4th A small American Bear,	} — Molloy, Esq.
„	„ 2 Newfoundland Sea Gulls,	
„	„ 1 Nova Scotian Sea Gull,	
„	5th A Corn-Crake,	Captain C. L'Estrange, Royal Artillery, 1 Mount-street Crescent.
„	7th An English Snake,	Master John Joseph Burgess, 9, Victoria-terrace.
„	7th 6 Young Kingfishers,	Master G. Erson, 39, Henry-street.
„	11th 3 Herons	Captain Cary, Laury-lodge, Roundtown.
		R. B. Evatt, Esq., Mount Louise, Monaghan,

1869.	ANIMALS, ETC.	BY WHOM PRESENTED.
June	15th A Badger,	M. H. Ormsby, Esq., 16, Fitzwilliam-square.
,,	29th An Irish Lizard,	Arthur Hume, Esq., 63, Dawson-street.
,,	,, A Bonnet Monkey,	Mervyn Paget Crofton, Jun., 6, Harrington-street.
,,	30th Pair of Jerboas,	Wm. Graves, Esq., Liverpool.
July	9th 6 Tree Frogs,	Sir D. J. Corrigan, Bart.
,,	16th A Barn Owl,	Wm. M. Patten, Esq., 25, Fitzwilliam-street, Lower
,,	,, 2 Peacocks and a Pea- hen	Mrs. Cookman, Dolan Cottage, Llandcilo, Caermarthenshire.
,,	19th 3 Herons,	Captain Boxer, of the "Princess Alexandra."
,,	21st A large Turtle,	Sir D. J. Corrigan, Bart.
,,	24th 2 Sparrow Hawks and 2 Salamanders,	Master Brinkley, Knockmaroon House, Castleknock.
,,	26th A Cochinchina Cock,	Mrs. Murphy, Morgan's School, Castleknock.
,,	29th A Henharrier,	H. Pattison, Esq., Druid Cottage, Loughlinstown.
Aug.	4th 2 Horned Owls,	Robert Warren, Jun., Moyview, Ballina.
,,	9th 3 Peregrine Falcons,	Wm Corbett, Esq., Castleconnell.
,,	,, An Otter,	Edward T. Ennis, Esq., Kimmage Mills, Roundtown.
,,	,, 2 Kingfishers,	Charles E. Walker, Esq., Bellair, Moynalty.
,,	14th A Hedgehog,	Mr. John Hughes, Kingscourt Baths, Clontarf.
,,	,, A Skye Terrier,	Henry M. Barton, Esq., Member of Council.
,,	16th A Rhesus Monkey,	Richard D. Kane, Esq., Charlemont, Howth.
,,	,, Pair of Wild Ducks,	John Maher, Esq., 11, Russell- street.
,,	,, 18 Pearl Mussels,	G. H. Kinahan, Esq., Geological Survey of Ireland.
,,	23rd A Kingfisher,	Mr. Carter, Superintendent.
,,	,, 2 Gannets,	W. Andrews, Esq., Member of Council.
,,	28th Pair of Kestrels,	Patrick Stacke, Constable, R. I. C.
Sept.	1st A Russian Rabbit,	Master Arthur Hughes, Rathmines.

1869.	ANIMALS, ETC.	BY WHOM PRESENTED.
Sept.	2nd A South American } Monkey,	H. M. Greene, Esq., Waterloo- road.
„	„ A Pair of Algerian } Jackalls,	E. Guy Selby Smyth, Esq., through Captain Campbell, A.D.C. to His Excellency Earl Spencer.
„	4th A Salamander,	Wm. Andrews, Esq., Member of Council.
„	7th A Coaiti-Mondi and a } Pair of Houdan Fowl,	Mrs. Carter, Zoological Gardens.
„	„ 2 White Rats,	Mr. T. Talbot, 15, Ellis's-quay.
„	9th A Sea-Gull,	W. Hart, Whitehaven.
„	13th 2 Sparrow Hawks,	Master Brinkley, Knockmaroon House, Castleknock.
„	14th 2 Water Tortoises,	Mrs. Newby, 7, Manchester-street, Liverpool.
„	27th An Otter,	W. J. Corbett, Esq., Spring Farm, Delgany.
Oct.	1st A Turtle,	Sir D. J. Corrigan, Bart.
„	4th A Land Tortoise,	Mrs. Beggs, 43, Westland-row.
„	6th A Sparrow Hawk,	James W. Murland, Esq., 25, Fitz- william-square.
„	„ A Mongoose,	W. C. Goslin, Esq., Lieutenant 37th Regiment, 15, Vesey-place, Kingstown.
„	8th A Golden Pheasant,	Master Fred. G. Carter, Phoenix Park.
„	15th A Sapphirine Gurnard,	Sir D. J. Corrigan, Bart.
„	16th 2 Civet Cats, } 1 Genett, 2 Senegal Touracous, or Clock Birds, 14 Doves, of four kinds, A Le Vaillant Parrot, 1 Squirrel (white- striped),	Charles B. Mosse, Esq., M.D., Staff Surgeon.
„	19th 1 Spider Monkey, 1 Grizzled Spider- Monkey, 1 Agouti, and 2 Tiger Bitterns,	
„	20th A Northern Diver,	Hon. Major Bury, Tullamore.
„	22nd A Sparrow Hawk,	Mr. Smith, Gardener, Viceregal Lodge.

1869.	ANIMALS, ETC.	BY WHOM PRESENTED.
Oct.	25th A Heron,	Mr. Murphy, 20 $\frac{1}{2}$ , Great Britain-street.
,,	28th A Rhesus Monkey,	M. G. Elliott, Esq., Johnstown, Carlow.
Nov.	4th A Female Fallow Deer,	Wm. McDougall, Drumleck, Howth.
,,	7th 1 Silver and 2 Irish } Pheasants, }	Edward H. Caulfeild, Esq., Marshalsea.
,,	13th A White Hare,	St. George R. Johnston, Esq., J.P., Rathcline, Lanesboro', county Longford.
,,	20th 5 Green Plovers,	Jonathan Leech, Esq., M.D., Ely-place.
,,	27th 5 Green Plovers and } 1 Magpie, }	Jonathan Leech, Esq., M.D., Ely-place.
,,	29th 2 French Jays,	Ralph S. Cusack, Esq., J.P., 24, Rutland-square
Dec.	14th 2 Houdan Fowl,	Herbert Bewley, Esq., Rockville, Newtown-park, Blackrock.
,,	,, Pair of Black Fantail } Pigeons, }	Master Ernest Albert Carter, Phoenix Park.
,,	20th An Otter,	Captain the Hon. Algernon Moreton, Eastwood, Bagnalstown.
,,	31st A Persian Cat,	Mrs. Staunton, Cappagh, Clondalkin.

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### APPENDIX III.

## Animals Purchased.

<p>1869.</p> <p>Feb. 5th 1 Patas Monkey, and 1 Brush-tailed Porcupine</p> <p>April 22nd 1 Lioness.</p> <p>,, 23rd 1 Pair of Widgeon, and 1 Kingfisher.</p> <p>May 19th 2 Kerry Heifers.</p> <p>,, 29th 1 Otter.</p> <p>June 9th 1 Beaver.</p> <p>July 8th 1 Otter, and 1 Cuckoo.</p>	<p>1869.</p> <p>Aug. 11th 6 South American Monkeys.</p> <p>Sept. 13th 2 Turtles.</p> <p>,, 14th 4 Monkeys.</p> <p>,, 18th 1 Mona Monkey.</p> <p>,, ,, 1 Lynx.</p> <p>Nov. 13th 1 Cormorant.</p>
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## Animals Born in the Gardens.

1869.  
 Jan. 23rd 4 Cercopsis Goslings.  
 Feb. 4th 2 Mexico-Berkshire  
       Pigs.  
 „ 7th 5 Irish Terrier Pups.  
 March 11th 10 Mexico-Berkshire  
       Pigs.  
 April 16th & 18th 5 Lion Cubs.  
 „ 22nd 1 Syrian Lamb.  
 „ 29th 1 Sambur Fawn.  
 May 25th 4 Wolf Whelps, and  
       3 Lion Cubs.

1869.  
 June 17th 1 Abyssinian Lamb.  
 „ 26th 1 Llama.  
 Aug. 4th 8 Mexico-Berkshire  
       Pigs.  
 „ 6th 2 Terrier Pups.  
 Sept. 18th 6 Mexico-Berkshire  
       Pigs.  
 Dec. 9th 1 Hog Fawn.  
 „ 13th 5 Cercopsis Goslings.

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# List of Members

OF THE

## ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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\* Indicates Life Members.

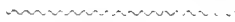
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### HONORARY MEMBERS.

- 1 Agassiz, Professor, Cambridge, Massachusetts
- Bell, Professor, F.R.S., Linnæan Society, London
- Carus, M. Victor, Museum, Leipsic
- Gould, John, F.R.S., 26, Charlotte-street, Bedford-square  
London
- 5 Grant, Professor, F.R.S., University College, London
- Graves, S. R., Esq., M.P., Liverpool
- Gray, J. E., D.C.L., British Museum
- Jenyns, the Rev. L., F.R.S.
- Jones, Professor Rymer, F.R.S., London
- 10 Lea, Isaac, LL.D., Philadelphia
- Leach, Colonel, R.E., Highgate, London
- Montgomery, General, G.S., H.M. Indian Army
- Ogilby, William, Altnachree Castle, Dunamanagh, Co.  
Tyrone
- Owen, Professor, F.R.S., British Museum, London
- 15 Rupell, M. M., Frankfort
- Selby, J. Prideaux, Twisell House, Northumberland
- Slclator, P. Lutley, Ph. D., F.R.S., Secretary, London  
Zoological Society
- Trevelyan, Sir Charles, K C.B., Indian Service
- Young, Sir John, Bart., K.C.B.

## CORRESPONDING MEMBERS.

- 20 Col. Dwyer, 1st Battalion 14th Regt.  
 Hon. H. Fitzgerald, Trinidad  
 A. Healy, Esq., L.K.Q.C.P.I., Estancia Riachueto,  
 Colonia, South America  
 E. C. Markey, Esq., M.D., 25th Regiment  
 E. Guy Selby Smythe, Sunbury-on-Thames
- 25 C. B. Mosse, Staff-Surgeon
- 25a Captain Hoare, Pacific and West India Steam Co.'s  
 Service.



- ✧ His Excellency Earl Spencer
  - ✧ His Grace the Duke of Abercorn
  - ✧ The Right Hon. the Earl of Kimberley
  - ✧ The Right Hon. the Earl of Clarendon
- 30 Adams, Robert, M.D., 22, Stephen's-green, north  
 ✧ Adams, Captain John, R.N., Kingstown  
 ✧ Allan, Richard Purdy  
 Allen, Captain  
 Andrews, William, The Hill, Monkstown
- 35 Andrews, Arthur, 4, New Brighton, Monkstown  
 Andrews, Henry, Hastings, Blackrock  
 ✧ Annaly, Right Hon. Lord, Woodlands, Lucan  
 ✧ Archer, William, 21, Upper Pembroke-street  
 ✧ Armstrong, Andrew, Claddagh, Bray
- 40 ✧ Arthur, Lieutenant-Colonel, 3rd Dragoon Guards  
 ✧ Atkinson, John, Ely-place  
 Aungier, Mark, 66, Eccles-street  
 Aungier, Robert, 66, Eccles-street  
 Babington, William, 25, Upper Fitzwilliam-street
- 45 Bagot, John, 57, William-street  
 Ball, J. B., Merrion-square  
 ✧ Ball, Robert, 47, Wellington-place  
 ✧ Bangor, Right Hon. Lord, Castle Ward, Downpatrick  
 ✧ Banks, John T., M.D., 10, Merrion-square, east



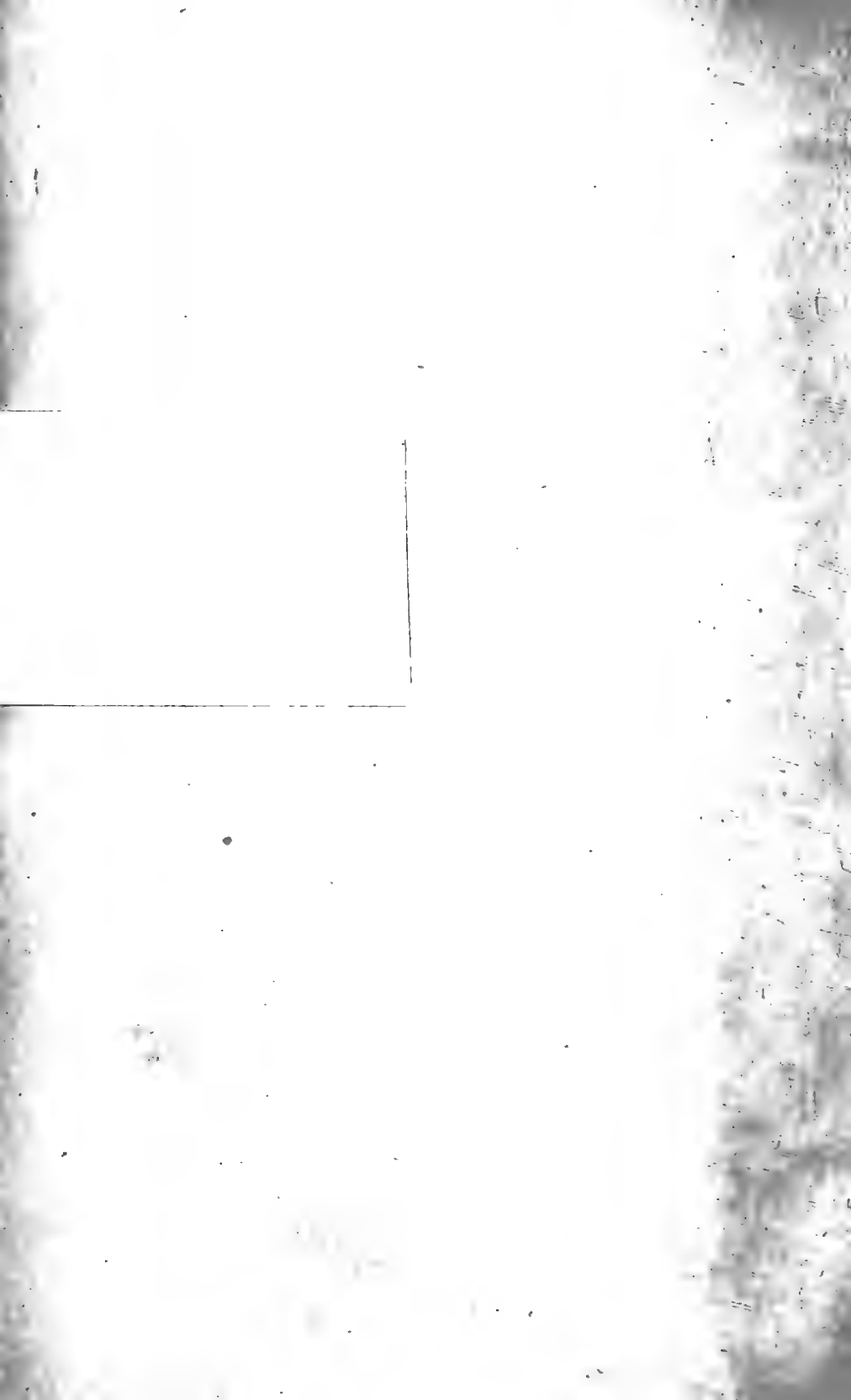
- 50 \* Barker, H. O., LL.D., 6, Gardiner's-row  
 \* Barker, William Oliver, M.D., 6, Gardiner's-row  
 \* Barker, Richard Oliver, 6, Gardiner's-row  
 \* Barker, John, M.D., Waterloo-road  
 Barrington, Edward, Great Britain-street
- 55 Barrington, Croker, 60, Fitzwilliam-square, north  
 Barrington, Sir John, Great Britain-street  
 Barrington, William L., Great Britain street  
 Barry, Right Hon. The Attorney-General, Fitzwilliam-square  
 Barry, James M., M.D., 90, Lower Leeson-street
- 60 Barton, Freeman, 125, Lower Baggot-street  
 Barton, Henry M., 5, Foster-place  
 Barton, John K., M.D., 40, Lower Baggot-street  
 Beatty, Thomas Edwd., M.D., 18, Merrion-square, north  
 Bennett, Edward H., M.D., 2, Upper Fitzwilliam-street
- 65 Benson, Charles, M.D., 42, Fitzwilliam-square  
 Berney, Henry, 15, Dame-street  
 \* Bewley, Samuel, jun., 6, Dame-street  
 Bianconi, Charles, Longfield, Cashel  
 \* Blood, J. L. H., Mountjoy-square
- 70 \* Bloomfield, Benjamin, 33, Kildare-street  
 \* Bookey, Mrs. William, Rathdrum  
 Boland, E. H., M.D., 18, Gardiner's-place  
 \* Bomford, George, Oakley Park, Kells  
 Borough, Sir Edward, Bart., Nassau-street
- 75 Bowles, Robert, 22, Blackhall-place  
 Boyd, Alexander, 29, Rutland-square  
 Boyd, Samuel, Sloperton, Kingstown  
 Boyle, Richard W., College-green  
 Bradburne, S. Tudor, James's-gate
- 80 \* Brady, Right Hon. Sir Maziere, Bart., Up. Pembroke-st.  
 Brady, Thomas F., 6, Percy-place  
 Brady, F. W., Q.C., 22, Leeson-street, lower  
 Brady, James, M.D., 38, Harcourt-street  
 Brassington, G., M.D., 174, Rathgar-road

- 85 Brennan, Charles, Watling-street  
 Brennan, Henry, 8, Gardiner's-place  
 \* Brereton, W., Q.C., 65, Fitzwilliam-square  
 \* Bridgeford, W. B., 148, Sackville-street  
 \* Brooke, Sir Victor, Bart., Colebrook, Brookboro'
- 90 \* Brooke, William, Taney-hill, Dundrum  
 \* Browne, R. C., Viewmount, Carlow  
 Brinkley, Captain, Knockmaroon House, Castleknock  
 \* Browne, Hugh, Oatlands, Rathgar  
 Bulfin, Alderman, 19, Mountjoy-square, East
- 95 Burke, Edward F., Beaumont  
 \* Burke, T. H., Under-Secretary, Dublin Castle  
 Burke, William, M.D., 12, Great George's-street  
 \* Burke, Sir Bernard (Ulster), Dublin Castle  
 \* Burton, Decimus, F.R.S., 37, Gloucester Gardens, Bayswater, London
- 100 Burns, Gilbert, Mary-street  
 Busby, Alphonso, 4, Burlington-road  
 Bushe, Arthur, 7, Harcourt-terrace  
 \* Butler, Lord James, Drumcondra Castle  
 Callwell, Nathaniel, 39, Fitzwilliam-place
- 105 \* Callwell, Robert, 25, Herbert-place  
 Cameron, John, 13, Fleet-street  
 Campbell, Alderman, Mountjoy-square  
 Carolin, Robinson, 14, Abbey-street, lower  
 Carroll, Coote Alex., Boston Spa, Tadcaster, Yorkshire
- 110 Carte, Alexander, M.D., Royal Dublin Society  
 \* Carte, William, M.D., J.P., Royal Hospital  
 Caulfeild, Edward H., City Marshalsea  
 \* Charlemont, The Right Hon. the Earl of, Marino  
 Chatterton, Right Hon., the Vice-Chancellor, Fitzwilliam-place
- 115 Close, H. M., Newtown-avenue, Blackrock  
 Colles, G. C., 48, Fitzwilliam-square  
 Colles, William, M.D., 21, Stephen's-green  
 Collins, Thomas, M.D., 28, Harcourt-street  
 Copeland, Charles, Royal Bank

- 120 Corballis, J. R., LL.D., Q.C., Rosemount, Roebuck  
 Corbett, Daniel, 12, Clare-street  
 Corbett, William, Dublin Castle  
 ✱ Corlett, Henry, 115, Summer-hill  
 ✱ Corrigan, Sir Dominic, Bart., M.D., 4, Merrion-sq., west
- 125 ✱ Corrigan, William J., 25, Upper Fitzwilliam-street  
 Cosgrave, W. A., 69, Eccles-street  
 Cotton, Charles P., C.E., 36, Westland-row  
 Coulter, William, 62, Dame-street  
 ✱ Cowper, Henry A., 29, Fitzwilliam-place
- 130 Crosthwaite, Thomas, J.P., Dame-street  
 Cruise, Francis R., M.D., 3, Merrion-square, west  
 ✱ Cusack, Ralph S., J.P., 24, Rutland-square, north  
 D'Arcy, Matthew P., M.P., 6, Merrion-square, east  
 Darley, Joseph F., 2, Reid's-road, Leeson-park
- 135 Denham, John, M.D., 30, Merrion-square, north  
 Dirham, Joseph A., M.D., 20, Usher's-island  
 Dickson, Rev. Dr., Kildare-place  
 ✱ Dixon, George, Erne-street  
 Doherty, W. Izod, M.D., 21, Westland-row
- 140 Dombrain, J. R., Woodstock, Sandford  
 ✱ Dowse, Richard, Q.C., 38, Mountjoy-square  
 ✱ Dunally, Dowager Lady, Monkstown  
 ✱ Dunraven, Right Hon. Earl of, Adare Manor  
 ✱ Ellis, George, M.D., 91, Leeson-street
- 145 Elrington, J. F., LL.D., 24, Fitzwilliam-street, upper  
 Enniskillen, Right Hon. Earl of, Florence-court  
 ✱ Evatt, Robert B., D.L., 51, Rathgar-road  
 Falkiner, Robert George, 57, Mountjoy-square  
 ✱ Farrell, E. Walter, 3, Merrion-square, east
- 150 ✱ Farrell, James, 3, Merrion-square, east  
 ✱ Farrell, Mrs., 3, Merrion-square, east  
 Fetherston, H. S. Radcliff, 17, Eccles-street  
 Findlater, Adam S., 30, Sackville-street, upper  
 Findlater, William, 35, Upper Ormond-quay
- 155 ✱ Findlater, Alexander, Slopes, Kingstown  
 Fitzgerald, G., Jun., Elm-park, Merrion

- Fitzgerald, Right Hon. Mr. Justice, 7, Merrion-sq., east
- ✳ Fitzgerald, Thomas, Esq., 22, Fitzwilliam-place
- Fleming, Christopher, M.D., 6, Merrion-square, north
- Foot, Arthur Wynne, M.D., 21, Lower Pembroke-street
- 160 Foot, Charles H., 14, Fitzwilliam-street, upper
- ✳ Forrest, J. K., M.D., 13, Clare-street
- Fortescue, Right Hon. Chichester, Phoenix Park
- Fry, John, Westmoreland-street
- Galbraith, Rev. Professor, Trinity College
- 165 Geale, William, Upper Mount-street
- Gordon, Samuel, M.D., 11, Hume-street
- ✳ Granard, Right Hon. Earl of, Castle Forbes, Co. Longford
- ✳ Greer, A. J., 17th Lancers
- ✳ Gregory, W. H., M.P.
- 170 ✳ Gresham, Thomas M., Raheny Park
- Greene, Thomas, 49, Stephen's-green
- Griffith, Sir Richard, Bart., 2, Fitzwilliam-place
- ✳ Guinness, Sir A. E. Bart., St. Anne's, Clontarf
- Guinness, Edward Cecil, St. Stephen's-green
- 175 Hall, General, Merville, Donnybrook
- ✳ Halliday, Alexander H., Carnmoney, Co. Down
- Hamilton, J. T., M.D., Brighton-terrace, Monkstown
- ✳ Hamilton, John, M.D., 14, Merrion-square
- Hamilton, C. W., Hamwood House, Dunboyne
- 180 Hamilton, Edward, M.D., 120, St. Stephen's-green
- ✳ Hamilton, Ion Trant, M.P., Abbotstown
- Hancock, William J., 23, Synnot-place
- ✳ Harmon, Mrs., Inchicore
- Hartley, Captain, Beech Park, Clonsilla
- 185 Harvey, Reuben, Trinity College
- Hatchell, George W., M.D., 13, Hume-street
- Haughton, James, 35, Eccles-street
- ✳ Haughton, Rev. Samuel, M.D., F.R.S., Trinity College
- Haughton, William, 27, City-quay
- 190 Hayden, Francis, 4, Pembroke-quay
- Hayden, Thomas, M.D., 30, Harcourt-street





- Hayes, Major, 12, Ely-place  
 Head, Henry, M.D., 7, Fitzwilliam-square  
 \* Headford, Most Hon. the Marquis of, Headford House,  
 Kells
- 195 Heron, Denis Caulfeild, LL.D., Q.C., 7, Upper Fitz-  
 william-street  
 Hewate, Thomas, 7, Belgrave-square, Monkstown  
 Hildige, James, M.D., 7, Merrion-street, upper  
 Holmes, George, 72, Rogerson's-quay  
 \* Hodson, R. A., Hollybrook, Bray
- 200 \* Hogg, Wm. (J. Bewley & Co.), Cope-street  
 \* Hone, Nathaniel, St. Doulough's Park  
 \* Hone, Thomas, 5, Foster-place  
 \* Howth, Right Hon. the Earl of, Howth Castle  
 \* Hudson, Alfred, M.D., 2, Merrion-square, north
- 205 Hudson, Edward, 28, Gardiner's-place  
 Hughes, James S., M.D., 24, Westland-row  
 Hull, Edward, M.A., Director of the Geological Survey  
 Ireland; 5, Raglan-road  
 \* Hutton, Mrs., 4, Fitzwilliam-place  
 \* Hutton, Thomas Maxwell, J.P., 118, Summer-hill
- 210 \* Hutton, Mrs. Thomas Maxwell, 118, Summer-hill  
 \* Hutton, Lucius O., 116, Summer-hill  
 \* Hutton, Robert, Putney-park, Surrey  
 \* Hyland, James K., 13, Rutland-square  
 Ilbery, George E., St. John's, Island-bridge  
 \* Ingram, Hull, 7, Parkgate-street  
 \* Ireland, Richard S. M.D., 121, Stephen's-green
- 215 Irvine, Hans, M.D., 1 Rutland-square  
 \* Jacob, Arthur, M.D., 23, Ely-place  
 \* Jacob, Archibald H., M.D., 23, Ely-place  
 \* Jameson, James, Airfield, Donnybrook  
 \* Jameson, John, 55, Prussia-street
- 220 \* Jameson, William, Montrose, Donnybrook  
 Jeffers, Patrick D., 30, Fitzwilliam-square  
 Jellett, Hewitt Poole, Q.C., Upper Pembroke-street

- Jellett, Rev. J. H., F.T.C.D., Wellington-road  
 Johnston, George, M.D., Rotundo
- 225 ✻ Jones, John, 6, Dawson-street  
 Jury, William, 7, College-green  
 Kelly, Denis H., 51 Upper Mount-street  
 Kelly, Thomas L., Lower Gardiner-street  
 Kelly, Charles, Q.C., 34, Fitzwilliam-square
- 230 Kelly, Thomas A., 5, Vesey-place, Kingstown  
 ✻ Kennedy, Ivory, M.D., Belgard, Clondalkin  
 Kennedy, Henry, M.D., Rutland-square  
 ✻ Kenny, Matthias, 3, Clifton-terrace, Monkstown  
 Kidd, George H., M.D., 17, Merrion-square, east
- 235 ✻ Kildare, Most Hon. the Marquis of, Kilkea Castle,  
 Mageney  
 Kinahan, George, Roebuck-hill, Dundrum  
 Kinahan, Edward H., 11, Merrion-square, north  
 Kinahan, Thomas W., Abercorn-terrace  
 ✻ King, Charles Croker, M.D., Queen's Collegé, Galway
- 240 ✻ Lacy, Miss Frances, Inchicore Lodge  
 ✻ Lalor, John J., 2, Longford-terrace, Monkstown  
 ✻ Larcom, Major-General Sir Thomas, K.C.B., Phoenix  
 Park  
 ✻ Latouche, J. W., Dundrum  
 Lawson, Right Hon. Mr. Justice, 27, Upper Fitz-  
 william-street
- 245 Leech, Jonathan, M.D., 21, Ely-place  
 Le Fanu, William R., 59, Fitzwilliam-square  
 ✻ Leinster, His Grace the Duke of, Carton, Maynooth  
 Lentaigne, John, D.L., 1, Great Denmark-street  
 Leslie, Rev. John, F.T.C.D., Trinity College
- 250 Little, T. E., M.D., 42, Great Brunswick-street  
 Littledale, William F., 9, Ormond-quay.  
 Lloyd, Rev. Humphrey, D.D., Provost of Trinity  
 College  
 ✻ Luby, Rev. Thomas, F.T.C.D., 43, Lower Leeson-street  
 ✻ Lurgan, Right Hon. Lord, Brownlow House, Lurgan
- 255 ✻ Lyle, Acheson, The Oaks, Londonderry



- Lyle, James Acheson, 13, Pembroke-road  
 Lynch, Christopher, 6, Montpelier-hill  
 Lyon, Richard, M.D., 57, Bolton-street  
 \* Lyons, Robert D., M.B., 8, Merrion-square, west  
 260 Macalister, Alexander, M.D., 11, Gardiner's-place  
 M'Curdy, John, 10, Leinster-street  
 M'Cullagh, Andrew, 25, Mountjoy-square  
 M'Cann, James, 4, Anglesea-street  
 MacDonnell, Right Hon. Alexander, Marlborough-street  
 265 MacDonnell, Alexander, C.E., St. John's, Island-bridge  
 MacDonnell, John, M.D., 4, Gardiner's-row  
 \* MacDonnell, James, 66, Lower Leeson-street  
 \* MacDonnell, Robert, M.D., F.R.S., 14, Lower Pembroke-  
 street  
 MacDonnell, Luke, 4, Merrion-square, east  
 270 M'Dougal, William, Carrickbrack, Howth  
 \* M'Dowel, Benjamin George, M.D., 5, Merrion-square,  
 south  
 M'Kerlie, Colonel, Custom House  
 Maguire, James T., M.D., Chapelizod  
 Mahaffy, Rev. John P., F.T.C.D., Trinity College  
 275 Malcolmson, William, Portlaw  
 \* Malone, Mrs. O'Connor, Bowenstown, Mullingar  
 Manly, Joseph, 43, Pembroke road  
 Manders, Richard, Brackenstown House, Swords  
 \* Mapother, E. D., M.D., 125, St. Stephen's-green, west  
 280 \* Martin, Richard, 7, Merrion-square, south  
 Martin, Charles, North-wall  
 Martin, James, North-wall  
 Martin, Thomas, North-wall  
 Maunsell, Henry, M.D., Parliament-street  
 285 May, George A. C., Q.C., 13, Fitzwilliam-square  
 \* Mayo, Right Hon. Earl of, Palmerstown House, Naas  
 Merriman, Michael  
 Mitchell, George, 20, Lower Sackville-street  
 Mollan, John, M.D., 60, Fitzwilliam-square  
 290 \* Molyneux, Sir Capel, Bart., Castle Dillon, Armagh

- ✧ Moore, Robert H., F.R.C.S.I., 28, Upper Merrion-street
- ✧ Monteagle, Right Hon. Lord, Mount Trenchard, Foynes
- Montgomery, Robert John, 51, Grosvenor-sq., Rathmines
- Morgan, Hon. Mrs. Deane, Ardcastrisk, Co. Wexford
- 295 Moses, Marcus, Leeson-park
- Moylan, E. K., 79, Harcourt-street
- Mullins, M. B., Fitzwilliam-square
- Mulvany, J. S., 4, Trafalgar-terrace, Monkstown
- Murland, James W., 25, Fitzwilliam-square
- 300 Murray, J. Marshall, 24, College-green
- ✧ Napier, Right Hon. Sir Joseph, Bart., Merrion-square
- ✧ Neilson, James, 104, Middle Abbey-street
- Nolan, Edward, 24, Nassau-street
- ✧ Nolan, John, 3, Meredyth-place
- 305 Nolan, Henry P., M.D., Lower Baggot-street
- Nolan, William, 24, Nassau-street
- North, John, Royal Bank
- Nugent, John, M.D., 14, Rutland-square
- O'Brien, M., 6, Eblana-terrace
- 310 O'Donnell, James, 37, Lower Leeson-street
- O'Donnell, Charles J., J.P., 47, Leeson-street
- ✧ O'Ferrall, James, 3, Gresham-terrace, Kingstown
- O'Grady, M. J., Westmoreland-street
- O'Hagan, Right Hon. the Lord Chancellor, 34, Rutland-square
- 315 O'Neill, L. Gordon, Sandford Park, Cullenswood
- ✧ O'Rorke, Hugh, 4, Breffni-terrace, Sandycove
- Oldham, Eldred, 12 Westmoreland-street
- Owen, James H., Park-avenue, Sandymount
- ✧ Parker, Alexander, 46, Rathmines-terrace
- 320 ✧ Peebles, Robert W., 9, North Frederick-street
- ✧ Peebles, William E., 9, North Frederick-street
- ✧ Percival, Charles, M.D., 8, Wilton-square
- Perrin, Mark, Rutland-square
- Perry, James, Dean's Grange, Monkstown
- 325 ✧ Pigot, Right Hon. D. R., Lord Chief Baron, 52, St. Stephen's-green

- Pike, W. H., Pill-lane  
 Pim, George, Brennanstown, Cabinteely  
 Pim, Henry, 62, Lower Baggot-street  
 Pim, Jonathan, M.P., William-street  
 330 Pim, J. T., Greenbank, Monkstown  
 Pim, Thomas, William-street  
 Pim, Thomas, jun., William-street  
 Pim, W. Harvey, William-street  
 ✕ Pollard, W. D.  
 335 Poole, Rev. Hewitt R., F.T.C.D., Wellington-road  
 Porter, George H., M.D., 3, Merrion-square, north  
 Power, Sir James, Bart., 27, Merrion-square, north  
 ✕ Powerscourt, Right Honorable Viscount, Powerscourt,  
 Enniskerry  
 Power, Alfred, 35, Raglan road  
 240 Rathborne, H. B., Dunsink, Castleknock  
 ✕ Rathborne, John G., Dunsinea, Castleknock  
 Reeves, Robert, 22, Upper Mount-street  
 Reeves, Samuel S., 22, Upper Mount-street  
 ✕ Richards, Right Hon. J., Sandfield Lodge, Ennistymon,  
 Clare  
 345 Rigby, John, 24, Suffolk street  
 Ringland, John, M.D., 14, Harcourt-street  
 ✕ Roden, Right Hon. the Earl of, Dundalk House, Dundalk  
 ✕ Rowley, Captain Thomas Taylor  
 Salmon, Rev. Dr., F.T.C.D., Wellington-road  
 350 Sanders, Gilbert, The Hill, Monkstown  
 ✕ Scriven, W. B., M.D., 33, Stephen's-green  
 ✕ Shirley, Evelyn J., D.L., Carrickmacross  
 ✕ Simpson, Sir George, Hudson's Bay House, London  
 ✕ Sligo, Most Hon. the Marquis of, Westport House,  
 Westport  
 355 Sloane, J. J., Ballast Office  
 ✕ Smith, Aquilla, M.D., 121, Lower Baggot-street  
 ✕ Smith, Robert William, M.D., 63, Eccles-street  
 Smith, John, 3, Cabra-terrace  
 ✕ Smith, William

- 360 Smyly, P. Crampton, 4, Merrion-square, north  
 Smyth, Colonel the Hon. Leicester Curzon, Royal  
 Hospital  
 Smyth, George, 81, Pembroke-road  
 ✕ Spottiswode, Lieut.-Colonel A.  
 ✕ Staunton, C. F., M.D., Salisbury
- 365 ✕ Stewart, Henry H., M.D., Lucan  
 ✕ Stewart, Alexander J. R., D.L., J.P., Ards House, Co.  
 Donegal  
 Stoker, E. A., M.B., 49, Rutland-square, west  
 ✕ Stokes, William, M.D., 3, Clare-street  
 ✕ Stoney, Bindon, C.E., 42, Wellington-road
- 370 Stoney, J. H. Loftey, M.D., 89, Lower Baggot-street  
 Sullivan, E., Right Hon. the Master of the Rolls, Fitz-  
 william-place  
 ✕ Sullivan, W. K., 53, Upper Leeson-street  
 Swanzy, John, 12, Hardwicke-street  
 Sweetman, Patrick, 23, Francis-street
- 375 ✕ Sweetman, Walter, 4, Mountjoy-square, north  
 Sykes, George, Dame-street  
 ✕ Talbot de Malahide, Right Hon. Lord, Malahide  
 Tandy, Shapland Morris, 15, Appian Way  
 Templeton, R., M.D., Hibernian School, Phoenix Park
- 380 ✕ Thom, Alexander, Middle Abbey-street  
 Thompson, H. Y., Viceregal Lodge  
 Thompson, Henry, 9, Eustace-street  
 ✕ Tighe, the Right Hon. W. F., Woodstock, Innistiogue  
 Todhunter, Joseph, 3, College-green
- 385 ✕ Toole, Charles, 41, Westmoreland-street  
 Toomey, Edward, Parkgate-street  
 Torney, Thomas, M.D., 8, Blackhall-street  
 Traquair, Professor, Royal College of Science, Stephen's  
 Green  
 Tufnell, Joliffe, M.D., 58, Lower Mount-street
- 390 Tweedy, Henry, M.D., 16, Rutland-square  
 ✕ Tyrrell, James, Kildare-street  
 Vance, Thomas, 9, Bridge-street

- ✧ Vandeleur, Col. C. Moore, M.P., Kilrush House, Kilrush
- ✧ Vigors, H. M.
- 395 Wade, Robert, M.D., 208, Great Brunswick-street
- ✧ Waldron, Laurence, D.L., 38, Rutland-square
- Walpole, E., Windsor Lodge, Seafield-av., Monkstown
- ✧ Warren, Robert, 40, Rutland-square
- ✧ Warren, Robert J., 40, Rutland-square
- 400 Waterhouse, Samuel, 25, Dame-street
- Wardell, John, Thomas-street
- White, Thomas Fell, 5, Mountjoy-street
- ✧ Whitty, J. Irwin, LL.D., 94, Lower Baggot-street
- Wigham, J. R., Albany House, Monkstown
- 405 ✧ Williams, J. E., R.A.
- ✧ Williams, R. P., 38, Dame-street
- Wilson, Henry, M.D., 29, Lower Baggot-street
- ✧ Wilson, John, Earlsfort-terrace
- Wilson, Joseph, D.L., 15, Upper Temple-street
- 410 Winter, Richard, 60, Upper Leeson-street
- Woodlock, Joseph, 42, Dame-street
- ✧ Woods, George, J.P., Milverton, Balbriggan
- ✧ Woods, H. Hamilton, J.P., Whitestone Hse., Balbriggan
- ✧ Wright, Edward, LL.D., Floraville, Donnybrook
- 415 ✧ Wright, Joseph, Edenvale, Conyngham-road
- Wright, Edward P., M.D., 10, Clare-street
- ✧ Wybrants, Robert, 47, Rutland-square
- ✧ Yeates, Stephen, 2, Grafton-street
- ✧ Young, Right Hon. Sir John, Bart., Castle, Bailieborough

## GARDEN SUBSCRIBERS.

- 120 Allen, Richard, 28, Sackville-street, lower  
 Anderson, Samuel Lee, 74, Lower Baggot-street  
 Andrews, G., Williamstown Castle, Blackrock  
 Bacon, Major F., Arbour-hill  
 Bancroft, Col., 16th Regiment, Richmond Barracks
- 425 Bayly, Elisha, George's-hill  
 Browne, Valentine, Phoenix Glen Lodge, Conyngham-rd.  
 Conyngham, Major-General, Royal Barracks  
 Coote, Capt. J. C., Farmleigh, Castleknock  
 Dane, Colonel, Inspector-General of Hospitals
- 430 Duncan, Captain, Phoenix Park  
 Gavan, John, 17, Queen-street  
 Heney, T., 4, Summerhill-terrace, North Circular-road  
 Hollwey, George, 6, Conyngham road  
 Lawless, Edward, M.D., St. Patrick's Hospital
- 435 M'Ghee, Rev. B., 4, Wodehouse-terrace  
 Murphy, Michael, Parkgate-street  
 Newman, Miss, Lower Baggot-street  
 Nugent, Colonel, 9, Wodehouse-terrace  
 O'Connor, Valentine O'B., 8, Merrion-square, north
- 440 O'Keefe, Edward, 3, Mill-street  
 Ormsby, Henry, Q.C., 16, Fitzwilliam-square  
 Speedy, Col., Royal Hibernian School  
 Steele, Wm. M.D., 15, Hatch-street  
 Stokes, Frederick, Commercial Buildings
- 445 Sutton, Frederick, 22, Harcourt-street  
 Walker, John, Chapelizod  
 Wogan, R. S., North King-street



S. 450

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The Fortieth  
ANNUAL REPORT  
OF  
The Royal Zoological Society  
OF IRELAND,

FOR THE YEAR ENDED 31st DECEMBER, 1871.



DUBLIN:  
BROWNE & NOLAN, PRINTERS, NASSAU-STREET.  
1872.





# OFFICERS AND COUNCIL, 10th JAN., 1872,

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## *PATRONESS.*

HER MAJESTY THE QUEEN.

## *Ex-Presidents.*

HIS GRACE THE DUKE OF LEINSTER.  
THE MARQUIS OF KILDARE.  
LORD TALBOT DE MALAHIDE.  
SIR DOMINIC CORRIGAN, BART., M.D.  
VISCOUNT POWERSCOURT.

## *President.*

EARL OF MAYO.

## *Vice-Presidents.*

LEFANU, W. R., Esq.  
HAYES, MAJOR  
M'KERLIE, COLONEL, R.E.  
MURLAND, J. W., Esq., M.A.  
SOUTHWELL, VISCOUNT, K.P.

## *Secretary.*

HAUGHTON, REV. S., M.D., D.C.L.

## *Treasurer.*

HUTTON, T. MAXWELL, Esq.

## *Council.*

BALL, ROBERT, M.A.  
BANKS, J. T., M.D., M.R.I.A.  
BARTON, H. M., Esq.  
BENNETT, E. H., M.D.  
BRINKLEY, W. S., Esq.  
CARTE, WILLIAM, J.P.  
CORRIGAN, W. J., LL.D.  
LENTAIGNE, J., Esq., D.L.  
IRVINE, HANS, M.B.  
LALOR, J. J., Esq., M.R.I.A.  
LYONS, R. D., M.B.  
MACDONNELL, ROBERT, M.D.  
MAPOTHER, E., M.D.  
MOYLAN, E. K., Esq.  
THOMPSON, H. YATES, Esq.

R. J. MONTGOMERY, *Assistant Secretary.*



# Laws and Regulations

OF

## THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND.



### CHAPTER I.—THE CONSTITUTION.

1. The Society consists of Ordinary Members and Honorary Members.

2. The Officers shall be chosen from amongst the Ordinary Members, and shall be

A President,  
Five Vice-Presidents,  
A Secretary, and  
A Treasurer,

who, together with fifteen other Ordinary Members of the Society, shall constitute the Council.

3. The Officers and Council, for each year, shall be elected at the Annual General Meeting of the Members of the Society.

4. But in case any Officer, or other Member of the Council, shall die or resign, the Council may appoint a Member to supply his place until the next Annual Meeting.

### CHAPTER II.—THE MEMBERS.

1. Every person wishing to become a Member of the Society must be proposed in writing to the Council by one Member of Council, and seconded by another; and upon election and payment of his admission fee, such person shall be a Member of the Society.

2. But he shall not exercise the privileges of a Member until his first year's Subscription is paid in advance.

3. The Admission Fee shall be *One Pound*, the Annual Subscription *One Pound*, and the Composition for life, in lieu thereof, *Ten Pounds*.

4. The Annual Subscription shall be due on the first of January in each year, and shall be payable in advance.

5. If the Subscription of any Member is not paid within one year after it is due, he shall cease to be a Member until he shall have paid up his arrears.

6. No person becoming a Member after the first day of October in any year, shall be liable for the Subscription for that year.

7. No person shall exercise the privilege of a Member until he shall have paid his Subscription for the current year.

8. Ladies may be admitted as Members upon the same terms, and with the same privileges, as gentlemen.

9. Members of the Society, Wives of Members, and Children of Members, while resident with their parents, shall have the privilege of free admission to the Gardens, on their names and addresses being inserted in the Admission Book; and, in the case of Children of Members under twelve years of age, the name of the person in charge of them being also signed.

#### CHAPTER III.—HONORARY MEMBERS.

1. Distinguished persons may be elected Honorary Members without annual or other payment, by a vote of the Society, at any of its Meetings, upon the previous recommendation of the Council,

2. Honorary Members shall have the same privileges as other Members, except that of voting at the Meetings.

3. The number of Honorary Members shall be limited to twenty.

#### CHAPTER IV.—THE OFFICERS.

##### *The President.*

1. The President shall preside at all Meetings of the Society and Council, when present, and shall generally superintend the affairs of the Society.

2. The same person shall not be President for more than five successive years.

3. Ex-Presidents shall continue to be Honorary Members of Council.

*Vice-Presidents.*

1. Of the five Vice-Presidents, two at least shall go out at each election, but this shall not prevent their continuing Members of the Council in another capacity.

2. The Vice-Presidents shall supply the place of the President in his absence.

*The Secretary.*

It shall be the duty of the Secretary to see to the execution of the rules, orders, and directions of the Society and Council.

*The Treasurer.*

No Money shall be paid by the Treasurer, except upon the written order of the Council, signed by at least three of its Members.

CHAPTER V.—THE COUNCIL.

1. Three Members shall form a Quorum.

2. The Council shall meet at such times as they themselves shall determine.

3. It shall be the duty of the Council to conduct the business of the Society, subject to the laws and regulations of the Society at large.

4. All questions shall be decided by the majority of voices ; and where the numbers are equal, the Chairman shall have a casting voice ; but he shall not vote except in such case.

5. The Council may summon a Meeting of the Society for scientific purposes whenever they think fit, stating the object of such Meeting ; and at such Meeting no business but that stated in the notice shall be discussed.

6. At least three of the Council shall go out at each election.

7. No Member of the Society having any contract with the

Society or Council for which payment is to be made, shall be eligible to a seat in the Council in any capacity; and if the name of any Member of the Society having a contract with the Society, or receiving any fee or emolument from the Society, shall be found in the ballot, that name shall be set aside by the Chairman, notwithstanding any number of votes that may be appended to it; and if any Member or Officer of the Council enter into any contract with the Society, or receive from it any fee, payment, or emolument, his seat shall become, *ipso facto*, vacant in the Council, and the Council shall immediately summon a Meeting of the Society to elect a Member to the vacant place.

#### CHAPTER VI.—THE ANNUAL MEETING.

The Annual Meeting shall be held on the second Tuesday in January in each year, for the purpose of electing the Council and Officers for the ensuing year, and of hearing the Report of the Council read, and auditing the accounts.

##### *Election of Officers.*

1. The Council for the time being shall annually cause to be prepared a list of persons whom they recommend to be Officers and Council for the ensuing year.

2. The list shall distinguish the three or more Members proposed to be removed, and the three or more proposed to be elected in their room, and it shall be transmitted to each Member residing in Dublin, by post, along with the notice of the time and place of the General Meeting, to be sent at least seven days before the day of Meeting.

3. The Chair shall be taken at four o'clock, when the ballot shall commence, and continue open for one hour, at the expiration of which time the Chairman shall proclaim that the time had arrived when the ballot should close, and order the porter not to admit any other Members into the room, and then the Chairman shall call on the Members in the room who have not balloted, to come forward and ballot, and the scrutiny shall

forthwith take place; and those persons to whose names the greater number of marks shall have been affixed shall be declared duly elected, in the order and places in which they stand, provided at least three new Members be elected, but if not, then those of the proposed Members who have the least number of marks shall be rejected, until at least three former Members are excluded, and their places shall be filled by those who have the next greatest number of marks.

4. If two or more names have the same number of marks, the order of preference shall be decided by lot.

*General Business.*

1. No motion respecting a change in the laws or constitution of the Society shall be discussed or voted upon at the Annual or other Meeting, except as hereafter provided, unless notice thereof be given in writing, to the Council, at least one month before such Meeting; the Council to give seven days' notice to the Members, as before ordered.

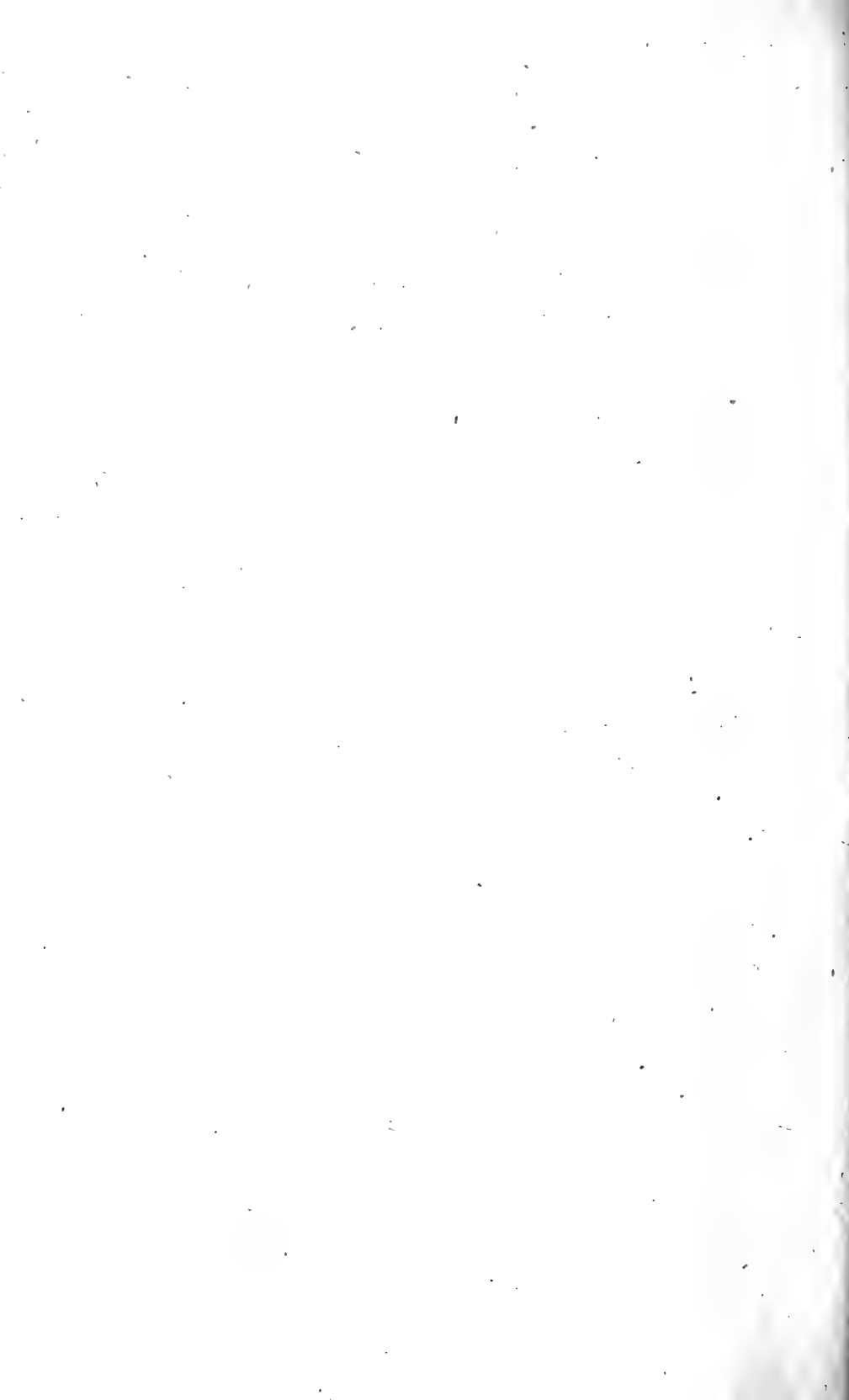
2. But the Council may propose, and bring to the vote, any measure or question, at any of the Meetings of the Society, provided it shall have been under their consideration for at least one month, and that notice thereof be given to the Members in the circular notice of such Meeting, at least seven days previous to the day of Meeting.

CHAPTER VII.—THE GARDENS.

1. Any person enrolling his name in a book kept at the gate of the Gardens, and paying One Pound a year, shall be a Subscriber, and shall have the same privileges of ingress to the Gardens as a Member of the Society

2. The Council shall have the power of suspending all rights of free entrance to the Gardens upon the day of a public fête, or similar occasion, when such shall be given for the benefit of the Society.

3. During frost the Council shall have power to suspend all privileges of Members and Garden Subscribers, except that of personal admission, and to vary, as may seem fit to them, the rates of admission of the public.





# ROYAL ZOOLOGICAL SOCIETY

## OF IRELAND.



The Fortieth Annual Meeting of the ROYAL ZOOLOGICAL SOCIETY OF IRELAND was held in the Hall of the College of Physicians, on Tuesday, 9th January, 1872,

Dr. BANKS in the Chair.

The Rev. Dr. HAUGHTON, Secretary, read the following Report of Council, which was unanimously adopted:—

### Report of Council.

During the year 1871 the numbers of visitors to the Gardens, and the receipts at the entrance gate, were as follows:—

1. Members	...	8,384	...	
2. Public Schools	...	4,064	...	
3. Visitors on Tickets	...	116	...	
4. Visitors at Half-a-Crown		538	...	£67 5 0
5. Visitors at Sixpence	...	30,603	...	765 1 6
6. Schools at Threepence		370	...	4 12 6
7. Visitors at One Penny	...	123,617	...	515 1 5
Total	...	167,602		£1,352 0 5

During the preceding year, 1870, the corresponding numbers and receipts were as follows:—

1. Members	...	5,997	...		
2. Public Schools	...	2,636	...		
3. Visitors at Sixpence		27,870	...	£696	15 0
4. Visitors at One Penny		113,358	...	472	6 6
5. Visitors on Tickets	...	119	...		
6. Visitors at Half-a-Crown		1,495	...	186	17 6
7. Schools at Threepence		310	...	3	17 6
				<hr/>	
Total	...	151,785		£1,359	16 6

The total numbers of visitors and receipts at gate during the past ten years were as follows:—

Year	Visitors	Receipts
1862	132,771	£864 8 6
1863	115,652	783 14 2
1864	126,787	1,015 3 0
1865	127,522	1,158 9 0
1866	111,789	778 10 10
1867	125,010	1,006 19 1
1868	127,900	938 18 6
1869	136,052	1,046 8 4
1870	151,785	1,359 16 6
1871	167,692	1,352 0 5

During the corresponding years the total receipts from Entrance Fees and Subscriptions were as follows —

Year.	Entrance Fees and Subscriptions.	
1862	...	£250
1863	...	217
1864	...	412
1865	...	287
1866	...	432
1867	...	291
1868	...	343
1869	...	369
1870	...	378
1871	...	435

The stock of animals in the Gardens during the past three years was as follows:—

Years.	Mammals.	Birds.	Reptiles.	Total.
1869	143	219	25	387
1870	182	222	22	426
1871	173	245	30	448

Several valuable additions have been made to the stock of animals during the year, including the following:—

1. Eight Bears.
2. An Indian Elephant.
3. A Bactrian Camel.
4. Two African Leopards.
5. Pair of Llamas.
6. Pair of Guanachos.
7. A Kinkajou.

A complete list of all the animals presented to the Society during the year will be found in Appendix II. to this Report.

The sums expended in the purchase of animals during the past ten years were as follows:—

					£	s.	d.
1862	...	...	...	...	60	8	11
1863	...	...	...	...	147	16	11
1864	...	...	...	...	147	16	9
1865	...	...	...	...	100	18	4
1866	...	...	...	...	73	19	7
1867	...	...	...	...	404	7	6
1868	...	...	...	...	145	16	3
1869	...	...	...	...	294	19	3
1870	...	...	..	...	435	6	6
1871	...	...	...	...	351	13	8

The experiment of having weekly Promenades

during the months of May, June, and July, which was tried first in 1869, was continued during the past two years. These Promenades have increased the attractions of the Gardens to Members and Subscribers, while they have not been accompanied by any financial loss to the funds of the Society.

The numbers of members and visitors on the Promenade days of each year were as follows:—

Year.	Members.	Visitors.	Total.	Receipts.
1869	902	2,946	3,848	£73 13 10
1870	986	3,633	4,619	88 3 6
1871	2,030	4,193	6,223	104 16 6

The success of the Promenade meetings called the attention of your Council to the necessity of forming a main central walk through the grounds, and the liberality of a Member of the Council has enabled them to announce that the portion of this main walk, from the new Monkey House to the Elephant House, will be completed in February next, without any cost to the Society.

The receipts for admission to the Gardens during the year are in excess of those during the year 1870 (deducting the admissions due to the presence of ice), by about £120, showing that the public have appreciated the efforts of the

Council to increase the attractions of the Gardens by the addition of new animals.

During the year the Gardens unfortunately were deprived of a source of income from the sale of animals, by the death of ten Lion cubs, of whom four died of fever, and six died from failure of their mother's milk.

The following comparison of the numbers and cost of feeding of the Carnivores in 1865 and 1871 will show the care bestowed on the economy of the Gardens; the chief credit of which is due to the diligent attention of our Superintendent, Mr. Edward Carter :—

STOCK OF CARNIVORES.

September, 1865.		September, 1871.
3 Lions	...	6 Lions.
2 Tigers	...	1 Tiger.
1 Jaguar	...	1 Jaguar.
1 Polar Bear	...	1 Polar Bear.
1 Hyæna	...	3 Hyænas.
1 Leopardess	...	5 Leopards.
10 Eagles	...	9 Eagles
5 Vultures	...	7 Vultures.
5 Owls	...	16 Owls
		1 Cheetah.
		3 Pumas.
<hr/>		<hr/>
29 animals		52 animals

The cost per week of feeding these animals was £5 14s. 9d. in September, 1865, and only £4 19s. in September, 1871, notwithstanding the increase in the number of animals and cost of food.

Evening scientific meetings of the Society were held in March, June, and December, in conjunction with the Royal Geological Society of Ireland, and were largely attended by the members of both Societies.

The following papers were read and discussed at the meetings held during the past year :—

1. On the Mechanism of Flight in the Albatross, considered in relation to its Muscular Anatomy.
2. On some Parasites found in Animals from the Dublin Zoological Gardens.
3. Remarks on the genus *Phaneropleuron*.
4. On the Flight of Bats.

During the visit of their Royal Highnesses the Prince of Wales, Prince Arthur, and Princess Louise, in the summer of 1871, His Excellency Earl Spencer drew their attention to the want of an Elephant in the Dublin Gardens; the result was that their Royal Highnesses communicated with His Royal Highness the Duke of Edinburgh, who telegraphed his wish to present to the Dublin Gardens the fine male Elephant recently brought home by him from India, in H.M.S. "Galatea." In due course of time this fine and docile Elephant arrived in the Gardens, and has been placed in the Elephant and Camel House, which is now permanently fitted up with hot-water pipes for heating the three apartments of which the house consists.

The collection of Llamas in the Gardens now consists of four Llamas and three Guanachos, and arrangements have been made to form a Llama park in Spring, to enclose six of these beautiful animals, so as to exhibit them to the public in a natural state. It is hoped that the Llama park will prove an attractive feature of the Gardens during the coming year.

The Council recommend the Society to elect Mr. William Just, Managing Director of the Pacific Steam Navigation Company, as an Honorary Member, in consequence of the valuable services he has rendered to the Gardens, by presenting Guanachos, and facilitating the transport of valuable animals from South America.

During the past year nineteen live horses, sixty-seven dead cattle, and thirty-eight dead calves and sheep, were presented to the Gardens for the use of the animals.

APPENDIX No. 1.

BALANCE SHEET, ROYAL ZOOLOGICAL SOCIETY OF IRELAND, DECEMBER, 1871.

INCOME.		£	s.	d.	EXPENDITURE		£	s.	d.
Balance in Bank					Purchase of Animals		351	13	8
ADMISSIONS TO GARDENS—					Provisions		973	15	6
Members free	8,384				Incidentals, including Coals, Printing, &c.		377	6	5
Visitors, at 2s. 6d.	588	67	5	0	Salaries and Wages		748	6	2
"    at 5d.	30,603	765	1	6	Buildings and Plantations		165	6	3
"    at 1d.	123,617	515	1	5	Water Rate		31	19	1
Schools, at 3d.	370	4	12	6	Cost of Promenades		45	5	2
Public Institutions, free	4,064				Clothing of Keepers		43	0	6
Visitors on Tickets	116				Insurance of House		0	17	9
					Cash in Superintendent's hands		0	0	2
Total Admissions	165,692								
Books of Admission Tickets									
Government Grant		6	0	0					
Members' Subscriptions		435	0	0					
Animals sold		54	18	7					
Incidental receipts		16	11	6					
3 per Cents. sold out and Interest		52	11	1					
Due to Bank		2,652	1	0					
		85	9	8					
		£2,737	10	8			£2,737	10	8

I have examined the above Accounts, compared the several items with the Books of the Society, and find the Balance due by the Society to its Bankers to be Eighty-five Pounds Nine Shillings and Eight Pence Sterling.

JOHN J. LALOR.

8th January, 1872.



APPENDIX II.

RETURN OF ANIMALS PRESENTED

TO THE

Royal Zoological Society of Ireland,

DURING THE YEAR 1871.

1871.	ANIMALS, ETC.	BY WHOM PRESENTED.
January 9th	1 Sloth Bear,	Lieutenant Faulkener, 95th Regt.
„ 11th	1 Red Squirrel,	Master Edward Branagan, 41 Park-gate-street.
„ 19th	1 Golden Pheasant,	} Master Carte, Royal Hospital.
„ „	1 Common do.,	
„ 24th	1 Crested Grebe,	
„ 25th	1 Red Squirrel	The Rev. George Robinson, Tartaraghan Rectory, Loughall.
„ 27th	Russian Bear,	Daniel Corbett, Esq., 12, Clare-street.
„ 28th	3 Guinea Fowl,	John P. Denton, jun., Esq., West Hartlepool.
„ 30th	1 Wild Swan,	Master John T. Carter, Phoenix Park.
Feb. 3rd	1 Sloth Bear,	William W. Fleming, Esq., Loughlyn Glebe, Castlereagh.
„ „	1 Black Bear,	} Zoological Society, Regent's Park, London.
„ 4th	A pair of Silkey or Negro Fowl,	
6th	A pair of Kestrels,	Miss Julia Brinkley, Castleknock.
		M. H. Chamberlaine, Esq., 36, Arran-quay.

1871.	ANIMALS, ETC.	BY WHOM PRESENTED.
Feb.	7th 3 Long-eared Owls,	Robert Archbold, Esq., Davidstown, Castledermot.
„	22nd 2 Cock Partridge,	Master Ernest Albert Carter, Phoenix Park.
„	24th A Patagonian Fox,	— Robert, Esq., Liverpool.
„	26th A Land Tortoise,	Robert Wade, Esq., M.D., 208, Great Brunswick-street.
March	13th An Otter,	Alfred West, Esq., Mount Herbert, Bray.
„	25th 1 Egret Monkey,	Miss Croker.
„	„ 1 Mottled Blackbird,	Master Frederick G. Carter, Phoenix Park.
„	27th 1 Kestrel,	Mr. Murphy, Naturalist, 188, Great Britain-street.
„	30th 2 Cormorants,	Captain Salvin, Whitmore House, Guildford, Surrey.
April	15th 1 Guinea Pig,	Mr. Hanna, Superintendent Rehoboth Reformatory.
„	„ 1 Snake (Clotho Cornuta),	Staff Surgeon Moss, Cape Coast Castle, West Coast Africa.
„	20th A pair of Indian Squirrels,	J. D. Crowe, Esq., 14, Waterloo-road.
„	21st 1 Bonnet Monkey,	Mrs. Morris, 10, Aston's-quay.
„	27th 4 Coloured Rabbits,	The Earl of Granard.
May	9th 2 Bereilly Partridge,	Surgeon Markey, 25th Regiment, Corresponding Member of Society, Bareilly, India.
„	11th 3 Cerasted Snakes,	Staff Surgeon Moss, Corresponding Member of Society, Cape Coast Castle, West Coast Africa.
„	„ Common Buzzard,	Assheton Smith, Esq., Vagnol, Bangor.
„	20th 2 English Adders,	— O'Donnell, F.R.C.S.I.
„	21st 3 Green Lizards,	David S. Clifford, Esq., Ennistown House, Kilmessan, Co. Meath.
„	„ A Widgeon (male),	Mr. John Glennon, 46, Wicklow-street.
„	30th An Indian Mynah,	Mr. Robert Carter, 94, Cannon-street-road, London.
June	7th 10 Silk Worms,	The Masters Lentaigne, 1, Great Denmark-street.
„	12th A King Fisher,	Ditto.

1871.	ANIMALS, ETC.	BY WHOM PRESENTED.
June	12th 2 Hen Harriers,	Henry Patteson, Esq., 38, Thomas-street.
"	" 1 Wild Rabbit,	Maurice U. Atkin, Esq., 9, Drumcondra Hill.
"	13th 1 English Snake and 1 Toad,	John Morgan, Esq., M.D., 23, Stephen's-green.
"	15th 1 Adder,	Dr. Forrest.
"	16th 1 Land Tortoise,	Miss Mary Fox, 28, Parkgate-street.
"	17th 1 Hare,	Master Frederick G. Carter, Phoenix Park.
"	22nd 1 Badger,	S. S. Waterhouse, Esq., 25, Dame-street.
"	23rd 1 Brahma Pootra Hen,	Miss Worthington, Bessborough House, South Circular-road.
"	24th 3 Kingfishers,	Michael Kelly, Esq., Carlow.
"	" 4 Kestrels, 3 Magpies, 3 Jackdaws, 1 Hooded Crow,	Robert Archbold, Esq., Davidstown, Co. Kildare.
"	" 2 Barn Owls,	Mr. John Boyde, Montpelier-hill.
July	2nd 1 Seagull,	Master John Thomas Carter, Phoenix Park.
"	7th 4 Sparrow Hawks and 2 Long-eared Owls,	Robert Warren, Junr., Esq., Moyview, Ballina.
"	" 1 Peregrine Falcon,	Maximus W. Clarke, Esq., Kilkeel, Co. Down.
"	9th 1 Curlew,	Mr. John Barrett, 27 North Clarence-street.
"	11th 2 Long-eared Owls,	Master J. R. Wall, of La Mancha, Mullingar.
"	14th 2 Hedgehogs,	Rev. Dr. Smith, Rector of Omagh, Co. Tyrone.
"	" 2 Ditto	Mr. M'Dowell, of 27, Henry-street.
"	" 1 Ditto	Mr. M'Hugh, Gardener, People's Garden, Phoenix Park.
"	21st 3 Ditto	Mrs. Coyne, 16, Waterloo-road.
"	25th 1 Laughing Kingfisher,	Mrs. Carter, Phoenix Park.
"	26th 1 Cuckoo,	William Johnston, Esq., Kinlough, Bundoran.
"	29th 1 Hedgehog,	James S. Hughes, Esq., M.D., 24, Westland-row.
"	31st 1 Kestrel,	Mr. Commyns, Letter Carrier, General Post Office.

1871.	ANIMALS, ETC.	BY WHOM PRESENTED.
Aug.	7th 1 Hedgehog,	Master Lewis Alfred Carter, Phoenix Park.
"	10th 1 Indian Goat,	John Stevenson, Esq., Linfield Mill, Belfast.
"	14th 2 Kingfishers,	} Mr. Michael Murphy, Naturalist, } 204, Great Britain-street.
"	" 1 Mallard,	
"	" 1 Merlin,	Mr. John Barrett, 27, North Clarence-street.
"	" "	Loftie Stoney, Esq., M.D., 89, Lower Baggot-street.
"	15th 1 Corn Crake,	Mr. Michael Murphy, Naturalist, 204, Great Britain-street.
"	16th 1 Black Rat,	Alfred John Haughton, Esq., Moorfield, Roebuck.
"	17th 1 Merlin,	Miss Hogan, Phoenix Park.
"	25th 1 Muse Drake,	Butler Creagh, Esq., Key-street, Liverpool.
"	30th 1 Kingfisher,	Daniel Corbett, Esq., 12, Clare-street.
Sept.	3rd 1 Indian Elephant (Male)	His Royal Highness the Duke of Edinburgh.
"	6th 1 Cormorant,	George Edward Erson, Esq., Henry-street.
"	8th 1 Heron,	Mr. Frederick Godden, Phoenix Park.
"	11th 2 Canaries, 1 Goldfinch, and 2 Rabbits,	} Master Corrigan, 4, Merrion-square, W.
"	12th 9 Cape Doves,	
"	16th A pair of common Pheasants,	} Superintendent.
"	" A Peacock,	
"	19th A Gannet and a quantity of Goldfish,	} George Keogh, Esq., of Glencourt, } Bray.
"	" 2 Landrails,	
"	22nd 2 Weaver Birds,	H. M. Barton, Esq., Monkstown.
"	" 1 Sparrow Hawk,	Master Lentaigne, 1, Great Denmark-street.
"	30th A Partridge and a Quail,	Master Lewis Alfred Carter, Phoenix Park.

1871.	ANIMALS, ETC.	BY WHOM PRESENTED.
Oct.	7th A Guinea Pig,	Surgeon Major Bawtree, Royal Infirmary, Phoenix Park.
„	13th An Egret Monkey,	Joseph Callwell, Esq., R.N.
„	15th A Male Leopard,	Staff Surgeon Moss, Corresponding Member of Society, Cape Coast Castle, West Coast of Africa.
„	„ 1 Male Leopard,	Lieutenant Lawe, 2nd West India Regiment, Cape Coast Castle, West Coast of Africa.
„	26th 1 Rabbit,	Master Thomas O'Neill, 1, Founders-street.
„	27th 1 Kestrel,	R. H. Dagge, Esq., 7, Chelmsford-road.
„	29th 2 Red Polls,	Mr. Hanna, Superintendent Rehoboth Reformatory.
Nov.	1st 1 Irish Fox,	Miss Harkness, Fort William.
„	3rd 1 Badger,	H. A. Robert Pigott, Esq., Capard, Rosenallis, Queen's Co.
„	7th 2 Guanacos,	Wm. Just, Esq., Managing Director Pacific Steam Navigation Co., Liverpool.
„	11th 1 Shell Drake,	Mr. Michael Murphy, Naturalist, 188, Great Britain-street.
„	20th 1 Magpie,	Master Stoney, 1, St. Paul's-terrace, Goldsmith-street.
„	28th 1 Merlin,	Mr. Thos. Hanna, Superintendent Rehoboth Reformatory.
Dec.	7th 1 Long-eared Owl,	Master Ronald M'Dougall, Drumlick, Howth.
„	10th 1 Cape Dove,	Joseph M'Cann, Esq., Alderman, 100, Dorset-street.
„	12th 1 Kinkajou,	James Armstrong, Esq., M.D., 8, Leeson Park.
„	13th 1 Cashmere Bear,	Major Gore, Inniskilling Dragoons, Durrymore, O'Callaghan's Mills, Co. Clare.
„	„ 1 Snowy Owl,	James Spaight, Esq., 77, George's-street, Limerick.
„	16th 1 Pair Toulonaise Geese,	Miss Markey, of Grange, Balbriggan, through Sir Dominic Corrigan, Bart., M.P.



# List of Members

OF THE

ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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\* *Indicates Life Members.*

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 Aungier, Robert, 66, Eccles-street  
 Babington, William, 25, Upper Fitzwilliam-street  
 Bagot, John, 57, William-street



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- 25 ✱ Barker, William Oliver, M.D., 6, Gardiner's-row
- ✱ Barker, Richard Oliver, 6, Gardiner's-row
- ✱ Barker, John, M.D., Waterloo-road
- Barrington, Edward, Great Britain-street
- Barrington, Croker, 60, Fitzwilliam-square, north
- 30 Barrington, Sir John, Great Britain-street
- Barrington, William L, Great Britain-street
- Barry, Right Hon. Mr. Justice, Fitzwilliam-square
- Barton, Freeman, 38, Upper Fitzwilliam-street
- Barton, Henry M., 4, Foster-place
- 35 Barton, John K., M.D., 24, Lower Fitzwilliam-street
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- Bennett, Edward H., M.D., 26, Lower Fitzwilliam-street
- Benson, Charles, M.D., 42, Fitzwilliam-square
- Bentham, William, 66, Upper Sackville-street
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- Blake, John A., 6, Ely-place
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- Blood, Frederick, Mountjoy Brewery
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- Boyle, Richard W., College-green
- Bradburne, S. Tudor, 3, Cowley-place

- 55 Brady, Thomas F., 6, Percy-place  
 Brady, Sir F. W., Q.C., D.L., Bart., 26, Up. Pembroke-  
 street  
 Brady, James, M.D., 38, Harcourt-street  
 Brennan, Charles, Watling-street  
 Brennan, Henry, 8, Gardiner's place
- 60 \* Brereton, W., Q.C., 65, Fitzwilliam-square  
 \* Bridgeford, W. B., 148 Sackville-street  
 Brinkley, Captain, Knockmaroon House, Castleknock  
 \* Brooke, Sir Victor, Bart, Colebrook, Brookboro'  
 \* Brooke, William, Taney-hill, Dundrum
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 Busby, Alphonso, 4, Burlington-road  
 Bushe, Arthur, 18, Elgin-road
- 75 Butler, E., Hollywood, Dundrum  
 \* Butler, Lord James, Drumcondra Castle  
 Byrne, James L., Hibernian Bank, College-green  
 Callwell, Nathaniel, 39, Fitzwilliam-place  
 Cameron, John, 13, Fleet-street
- 80 Campbell, Alderman, Mountjoy-square  
 Carolin, Robinson, 14, Abbey-street, lower  
 Carroll, Coote Alex., Boston Spa, Tadcaster, Yorkshire  
 Carte, Alexander, M.D., Royal Dublin Society  
 \* Carte, William, M.D., J.P., Royal Hospital
- 85 Caulfeild, Edward H., City Marshalsea  
 \* Charlemont, The Right Hon. the Earl of, Marino  
 Chatterton, Right Hon. the Vice-Chancellor, Fitz-  
 william-place

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- ✱ Close, S. H., Bank, Henry-street
- 90 Close, Rev. H. M., Newtown Park, Blackrock
- Colles, G. C., 48, Fitzwilliam-square
- Colles, William, M.D., 21, Stephen's-green
- Collins, Thomas, M.D., 28, Harcourt-street
- ✱ Connor, John, Anatomical Museum, Trinity-college
- 95 Conyngham, Lord F., The Hall, Mountcharles
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- Copland, J. W., Belgrave-square, Monkstown
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- 100 Corbett, William J., Spring Farm, Delgany
- ✱ Corlett, Henry, 18, Upper Leeson-street
- ✱ Corrigan, Sir Dominic, Bart., M.P., 4, Merrion-sq., west
- ✱ Corrigan, William J., 25, Upper Fitzwilliam-street
- Cosgrave, W. A., 73, Eccles-street
- 105 Cotton, Charles P., C.E., 36, Westland-row
- ✱ Cowper, Henry A., 29, Fitzwilliam-place
- Cruise, Francis R., M.D., 3, Merrion-square, west
- Cryan, Robert, M.D., 54, Rutland-square
- ✱ Cusack, Ralph S., J.P., 24, Rutland-square, north
- 110 D'Arcy, Matthew P., M.P., 6, Merrion-square, east
- Darley, Joseph F., 2, Reid's-road, Leeson-park
- Denham, John, M.D., 30, Merrion-square, north
- Dirham, Joseph A., M.D., 20, Usher's-island
- Dickson, Rev. Dr., Kildare-place
- 115 Doherty, W. Izod, M.D., 21, Westland-row
- Dombrain, J. R., Woodstock, Sandford
- ✱ Dowse, Richard, Right Hon. The Attorney-General,  
38, Mountjoy-square
- Drumm, Thomas, Sackville-place
- Dudgeon, H. James, 113, Grafton-street
- 120 ✱ Dunally, Dowager Lady, Monkstown
- ✱ Ellis, George, M.D., 91, Leeson-street
- Elrington, J. F., LL.D., 24, Fitzwilliam-street, upper

- Enniskillen, Right Hon. Earl of, Florence-court
- ✧ Evatt, Robert B., D.L., 47, Eccles-street
- 125 ✧ Farrell, E. Walter, 3, Merrion-square, east
- ✧ Farrell, James, 3, Merrion-square, east
- ✧ Farrell, Mrs., 3, Merrion-square, east
- ✧ Faulkner, Bolton W., 95th Regiment
- Ferguson, J. H., 105, Grafton-street
- 130 Fetherston, H. S. Radcliff, 17, Eccles-street
- Findlater, Adam S., 30, Sackville-street, upper
- Findlater, William, 35, Upper Ormond-quay
- ✧ Findlater, Alexander, Slopes, Kingstown
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- 135 Fitzgerald, Right Hon. Mr. Justice, 7, Merrion-sq., east
- ✧ Fitzgerald, Thomas, Esq., 22, Fitzwilliam-place
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- 140 Forrest, James, Grafton-street
- ✧ Fortescue, Right Hon. Chichester, Carlton House-  
terrace, London
- Fottrell, Edward, J.P., 46, Fleet-street
- Fry, John, Westmoreland-street
- Galbraith, Rev. Professor, Trinity College
- 145 Geale, William, Upper Mount-street
- Gordon, Samuel, M.D., 13, Hume-street
- ✧ Granard, Right Hon. Earl of, Castle Forbes, county  
Longford
- ✧ Greer, A. J., 17th Lancers
- ✧ Gregory, W. H., M.P., Coole Park, Gort
- 150 Greene, Thomas, 49, Stephen's-green
- Griffith, Sir Richard, Bart., 2, Fitzwilliam-place
- ✧ Guinness, Sir A. E., Bart., St. Anne's, Clontarf
- ✧ Guinness, Edward Cecil, St. Stephen's-green  
Hall, General, Merville, Donnybrook
- 155 Hamilton, J. T., M.D., Brighton-terrace, Monkstown
- ✧ Hamilton, John, M.D., 14, Merrion-square

- Hamilton, C. W., Hamwood House, Dunboyne  
 Hamilton, Edward, M.D., 120, St. Stephen's-green  
 \* Hamilton, Ion Trant, M.P., Abbotstown  
 160 Hancock, William J., 23, Synnot-place  
 \* Harmon, Mrs., Inchicore  
 Hartington, Most Hon. the Marquis of, Chief-Secretary's  
 Lodge, Phoenix Park  
 Hartley, Captain, Beech Park, Clonsilla  
 Harvey, Reuben, 18, Clare-street  
 165 Hatchell, George W., M.D., 16, Elgin-road  
 Haughton, James, 35, Eccles-street  
 \* Haughton, Rev. Samuel, M.D., F.R.S., Trinity College  
 Haughton, William, 27, City-quay  
 Hayden Thomas, M.D., 30, Harcourt-street  
 170 Hayes, Major, 12, Ely-place  
 Head, Henry, M.D., 7, Fitzwilliam-square  
 Heinekey, Lewis, East View, New Brighton, Monkstown  
 Hewate, Thomas, 7, Belgrave-square, Monkstown  
 Hime, Maurice, C.E., Diocesan School, Monaghan  
 175 \* Hodson, R. A., Hollybrook, Bray  
 Hodges, H., Burleigh, Alma-road, Monkstown  
 \* Hone, Nathaniel, St. Doulough's Park  
 \* Hone, Thomas, J.P., Yapton, Monkstown  
 \* Howth, Right Hon. the Earl of, Howth Castle  
 180 \* Hudson, Alfred, M.D., 2, Merrion-square, north  
 Hudson, Edward, 28, Gardiner's-place  
 Hughes, Hon. Baron, 20, Merrion-square, north  
 Hughes, James S., M.D., 24, Westland-row  
 Hull, Edward, M.A., Director of the Geological Survey,  
 Ireland, 5, Raglan-road  
 185 \* Hutton, Mrs., 4, Fitzwilliam-place  
 \* Hutton, Thomas Maxwell, J.P., 118, Summer-hill  
 \* Hutton, Mrs. Thomas Maxwell, 118, Summer-hill  
 \* Hutton, Lucius O., 116, Summer-hill  
 Hoyte, H. C., J.P., 18, Lower Sackville-street  
 190 \* Hyland, James K., 13, Rutland-square, east

- Ilbery, George E., St. John's, Island-bridge  
 \* Ireland, Richard S., M.D., 121, Stephen's-green  
 Irvine, Hans, M.D., 1, Rutland-square  
 \* Jacob, Archibald H., M.D., 23, Ely-place  
 195 \* Jameson, James, Airfield, Donnybrook  
 \* Jameson, John, 55, Prussia-street  
 \* Jameson, William, Montrose, Donnybrook  
 Jeffers, Patrick D., 30, Fitzwilliam-square  
 Jellett, Hewitt Poole, Q.C., Upper Pembroke-street  
 200 Jellett, Rev. J. H., F.T.C.D., 64, Lower Leeson-street  
 Johnston, George, M.D., Rotundo  
 \* Jones, John, 6, Dawson-street  
 Jones, John, 26, Blessington-street  
 Jury, William, 27, St. Stephen's-green  
 205 Jury, H., 7, College-green  
 \* Kavanagh, Arthur, M.P., Borris House, Carlow  
 Kelly, Denis H., 51, Upper Mount-street  
 Kelly, Thomas L., Lower Gardiner-street  
 Kelly, Charles, Q.C., 34, Fitzwilliam-square  
 210 \* Kelly, Richard W., Cope-street  
 Kelly, Thomas A., 5, Vesey-place, Kingstown  
 \* Kennedy, Evory, M.D., Belgard, Clondalkin  
 Kennedy, Henry, M.D., Rutland-square  
 \* Kenny, Matthias, 3, Clifton-terrace, Monkstown  
 215 Kidd, George H., M.D., 30, Merrion-square, south  
 \* Kildare, Most Hon. the Marquis of, Kilkea Castle,  
 Mageney  
 Kinahan, George, Roebuck-hill, Dundrum  
 Kinahan, Edward H., 11, Merrion-square, north  
 Kinahan, Thomas W., Abercorn-terrace  
 220 \* King, Charles Croker, M.D., Belgrave-place, Cork  
 Knox, Captain, Castle Lacken, Killala  
 Knox, Major, 53, Fitzwilliam-square  
 \* Lacy, Miss Frances, Inchicore Lodge  
 \* Lalor, John J., 6, Upper Fitzwilliam-street  
 225 \* Lalor, Mrs., 6, Upper Fitzwilliam-street

- \* Larcom, Major-General Sir Thomas, K.C.B., Heathfield, Farnham, Hants
- \* Latouche, J. W., Dundrum
- Lawson, Right Hon. Mr. Justice, 27, Upper Fitzwilliam-street
- Lee, Edward, Exhibition Palace
- 230 Leech, Jonathan, M.D., 21, Ely-place
- Le Fanu, William R., 59, Fitzwilliam-square
- \* Leinster, His Grace the Duke of, Carton, Maynooth
- Lentaigne, John, D.L., 1, Great Denmark-street
- Leslie, Rev. John, F.T.C.D., Trinity College
- 235 \* Lisgar, Right Hon. Lord, the Castle, Bailieborough
- Little, T. E., M.D., 42, Great Brunswick-street
- Littledale, William F., 9, Ormond-quay
- Lloyd, Rev. Humphrey, D.D., Provost of Trinity College
- \* Lurgan, Right Hon. Lord, Brownlow House, Lurgan
- 240 Lyle, James Acheson, 13, Pembroke-road
- Lynch, Christopher, Brighton Vale House, Monkstown
- \* Lyons, Robert D., M.B., 8, Merrion-square, west
- Macalister, Alexander, M.D., 19, Leinster-road
- M'Curdy, John, 10, Leinster-street
- 245 M'Cullagh, Andrew, 25, Mountjoy-square
- MacDonnell, Right Hon. Sir Alexander, Bart., Upper Fitzwilliam-street
- MacDonnell, Alexander, C.E., St. John's, Island-bridge
- MacDonnell, John, M.D., Upper Fitzwilliam-street
- \* MacDonnell, James, 66, Lower Leeson-street
- 250 \* MacDonnell, Robert, M.D., F.R.S., 14, Lower Pembroke-street
- MacDonnell, Luke, 4, Merrion-square, east
- MacDonnell, Randall, Aylesbury-road, Merrion
- M'Neale, Alexander, 22, North Frederick-street
- McCann, James, 4, Anglesea-street
- 255 McComas, Archibald, 20, Elgin-road
- M'Dougal, William, Carrickbrack, Howth
- \* M'Dowel, Benjamin George, M.D., 5, Merrion-sq., south

- M<sup>c</sup>Kerlie, Colonel, Custom House
- ✱ Madden, Thomas Walter, 18, Westland-row
- 260 Madden, Thomas More, M.D., Granby-row  
 Maguire, James T., M.D., Chapelizod  
 Mahaffy, Rev. John P., F.T.C.D., Trinity College  
 Malley, G. O., Q.C., 26, Temple-street
- ✱ Malone, Mrs. O'Connor, Bowenstown, Mullingar
- 265 Manly, Joseph, 43, Pembroke-road  
 Manders, Richard, Brackenstown House, Swords
- ✱ Mapother, E. D., M.D., 18, Merrion-square, north
- ✱ Martin, Richard, 7, Merrion-square, south  
 Martin, Charles, North-wall
- 270 Martin, James, North-wall  
 Martin, Thomas, North-wall  
 Mason, Thomas P., M.D., 92, Harcourt-street  
 Mathews, John, 9, Lower Dominick-street  
 Maunsell, Henry, M.D., Parliament-street
- 275 May, George A. C., Q.C., 13, Fitzwilliam-square
- ✱ Mayo, Right Hon. Earl of, Governor-General of India  
 Maxwell, Wm., Cruicerath, Cloghranhuddart  
 Merriman, Michael, Victoria-terrace, Kingstown  
 Millar, J. M., Monkstown
- 280 Mitchell, George, 20, Lower Sackville-street  
 Mollan, John, M.D., 60, Fitzwilliam-square
- ✱ Molyneux, Sir Capel, Bart., Castle Dillon, Armagh
- ✱ Monteagle, Right Hon. Lord, Mount Trenchard, Foynes  
 Montgomery, Robert John, 51, Grosvenor-sq., Rathmines
- 285 ✱ Moore, Robert H., F.R.C.S.I., 28, Upper Merrion-street  
 Morgan, Hon. Mrs. Deane, Arcandrisk, Co. Wexford  
 Morrogh, Leonard, 5, Great Denmark-street  
 Moses, Marcus, Leeson-park  
 Moylan, E. K., 79, Harcourt-street
- 290 Murland, James W., 25, Fitzwilliam-square  
 Murray, Captain, Ashtown Lodge, Co. Dublin  
 Murray, J. Marshall, 24, College-green



- ✧ Napier, Right Hon. Sir Joseph, Bart., Merrion-square
- ✧ Neilson, James, 104, Middle Abbey-street
- 295 Nolan, Edward, 24, Nassau-street
- ✧ Nolan, John, 3, Meredyth-place
- Nolan, Henry P., M.D., Lower Baggot-street
- Nolan, William, 24, Nassau-street
- Nugent, John, M.D., 14, Rutland-square
- 300 O'Brien, M., 6, Eblana-terrace
- O'Donnell, James, 37, Lower Leeson-street
- ✧ O'Ferrall, James, 3, Gresham-terrace, Kingstown
- O'Hagan, Right Hon. Lord, the Lord Chancellor, 34,  
Rutland-square
- O'Neill, L. Gordon, Sandford-park, Cullenswood
- 305 ✧ O'Rorke, Hugh, 4, Breffni-terrace, Sandycove
- ✧ Ormond, Most Hon. Marquis of, Kilkenny Castle
- Oldham, Eldred, 12, Westmoreland-street
- O'Rorke, John H., J.P., Jamestown, Golden-ball
- Owen, James H., Park-avenue, Sandymount
- 310 ✧ Palgrave, Charles, 17, Eden-quay
- Palmer, Sir Roger, Bart., Kenure Park, Rush
- ✧ Parker, Alexander, 46, Rathmines-terrace
- ✧ Peebles, Robert W., 9, North Frederick-street
- ✧ Peebles, William E., 9, North Frederick-street
- 315 ✧ Percival, Charles, M.D., 8, Wilton-square
- Perrin, Mark, Rutland-square
- Perry, James, Dean's Grange, Monkstown
- ✧ Pigot, Right Hon. D. R., Lord Chief Baron, Merrion  
square, east
- Pigot, D. R., Dundrum House, Dundrum
- 320 Pike, W. H., Pill-lane
- Pim, George, Brennanstown, Cabinteely
- Pim, Henry, 62, Lower Baggot-street
- Pim, Jonathan, M.P., William-street
- Pim, J. T., Greenbank, Monkstown
- 325 Pim, Thomas, William-street
- Pim, Thomas, jun., William-street

- Pim, W. Harvey, William-street
- ✱ Pollard, W. D.
- 330 Poole, Rev. Hewitt R., F.T.C.D., Wellington-road
- Porter, George H., M.D., 3, Merrion-square, north
- Power, Sir James, Bart., 27, Merrion-square, north
- Power, Alfred, 35, Raglan-road
- Power, F. J., National Bank, College-green
- ✱ Powerscourt, Right Honorable Viscount, Powerscourt,  
Enniskerry
- 335 Quain, John, College-green
- Rathborne, H. B., Dunsink, Castleknock
- ✱ Rathborne, John G., Dunsinea, Castleknock
- Reeves, Robert, 22, Upper Mount-street
- Reside, Wm., 21, College-green
- 340 ✱ Richards, Right Hon. J., Sandfield Lodge, Ennistymon,  
Clare
- Rigby, John, 24, Suffolk-street
- Ringland, John, M.D., 14, Harcourt-street
- Robinson, T. J., 21, College-green
- ✱ Roe, Henry, Mount Anville-park, Dundrum
- 345 ✱ Rowley, Captain Thomas Taylor
- Salmon, Rev. Dr., F.T.C.D., Wellington-road
- Sanders, Gilbert, The Hill, Monkstown
- ✱ Sandhurst, Lieut.-General, Right Hon. Lord, G.C.B.,  
Royal Hospital
- Sanger, Thomas H., Belgrave-square, Monkstown
- 350 Scott, Robert D., Phœnix Hill, Island-bridge
- ✱ Scriven, W. B., M.D., 33, St. Stephen's-green
- Sinclair, Edward B., M.D., 49, Mount-street, upper
- ✱ Shirley, Evelyn J., D.L., Carrickmacross
- ✱ Simpson, Sir George, Hudson's Bay House, London
- 355 ✱ Sligo, Most Hon. the Marquis of, Westport House,  
Westport
- ✱ Smith, Aquilla, M.D., 121, Lower Baggot-street
- ✱ Smith, Robert William, M.D., 63, Eccles-street
- Smith, John, 3, Cabra-terrace

- ✱ Smith, Walter G., M.D., 121, Lower Baggot-street
- 360 Smyly, P. Crampton, M.D., 4, Merrion-square, north
- Smyth, Colonel the Hon. Leicester Curzon
  - Smyth, George, 81, Pembroke-road
  - ✱ Southwell, Right Hon. Viscount, Victoria Castle, Killiney
  - ✱ Spottiswode, Lieut-Colonel A.
- 365 ✱ Staunton, C. F., M.D., Salisbury
- ✱ Stewart, Henry H., M.D., Lucan
  - ✱ Stewart, Alexander J. R., D.L., J.P., Ards House, Co. Donegal
  - Stephens, H. C. 26, Rathmines-road
  - Stoker, E. A., M.B., 49, Rutland-square, west
- 370 ✱ Stokes, William, M.D., 3, Clare-street
- ✱ Stoney, Bindon, C.E., 42, Wellington-road
  - Stoney, Loftie, M.D., 89, Lower Baggot-street
  - ✱ Stokes, F., J.P., Belgrave House, Monkstown
  - Sullivan, E., Right Hon. the Master of the Rolls, Fitzwilliam-place
- 375 ✱ Sullivan, W. K., 6, Upper Mount-street
- Swanzy, John, 16, Upper Mount-street
  - Sweetman, Patrick, 23, Francis-street
  - ✱ Sweetman, Walter, 4, Mountjoy-square, north
  - Sykes, George, Dame-street
- 380 ✱ Talbot de Malahide, Right Hon. Lord, the Castle, Malahide
- Templeton, R., M.D., Hibernian School, Phoenix Park
  - ✱ Tickell, George, 18, Mary-street
  - ✱ Tighe, the Right Hon. W. F., Woodstock, Innistogue
  - ✱ Thom, Alexander, Middle Abbey-street
- 385 ✱ Thompson, H. Yates, Viceregal Lodge, Phoenix Park
- Thompson, Henry, 9, Eustace-street
  - Thornton, Lieut-Colonel J. H., Crosthwaite-terrace, Kingstown
  - Todd, Andrew, Clonliffe, Jones's-road
  - Todhunter, Joseph, 3, College-green
- 390 ✱ Toole, Charles, 41, Westmoreland-street

- Toomey, Edward, Parkgate-street  
 Traquair, Professor, Royal College of Science, Stephen's-green  
 Tufnell, Joliffe, M.D., 58, Lower Mount-street  
 Tweedy, Henry, M.D., 16, Rutland-square  
 395 \* Tyrrell, James, Kildare-street  
 Vance, Thomas, 9, Bridge-street  
 \* Vandeleur, Colonel C. Moore, M.P., Kilrush House, Kilrush  
 \* Vigers, H. M.  
 Wade, Robert, M.D., 208, Great Brunswick-street  
 400 \* Waldron, Laurence, D.L., 38, Rutland-square  
 Waller, Edmund W., Brewery, James's-gate  
 Walpole, E., Windsor Lodge, Seafield-av., Monkstown  
 \* Warren, Robert, 40, Rutland-square  
 Waterhouse, Samuel, 25, Dame-street  
 405 Wardell, John, Thomas-street  
 Westropp, W. H. S., Blackrock  
 White, Thomas Fell, 53, Mountjoy-street  
 \* White, Hon. Colonel, Woodlands, Clonsilla  
 Whittle, J., 35, James's-street  
 410 \* Whitty, J. Irwin, LL.D., 94, Lower Baggot-street  
 Wigham, J. R., Albany House, Monkstown  
 \* Wight, William, 45, Upper Leeson-street  
 \* Williams, J. E., R.A.  
 Williams, R. P., 38, Dame-street  
 415 Wilkinson, Major, Mountjoy Barrack, Phoenix Park  
 Wilson, Henry, M.D., 29, Lower Baggot-street  
 \* Wilson, John, 5, Durham-villas, Kensington, W.  
 Wilson, Joseph, D.L., 15, Upper Temple-street  
 Wogan, R. S., Donaghmore Lodge, Ashbourne  
 420 Woodlock, Joseph, 42, Dame-street  
 Woodlock, T., 42, Dame-street  
 \* Woods, George, J.P., Milverton, Balbriggan  
 \* Woods, H. Hamilton, J.P., Whitestone House, Balbriggan

- ✱ Wright, Edward, LL.D., 23, The Bolton's, West Brompton
- 425 ✱ Wright, Joseph, Edenvale, Conyngham-road
- Wright, E. Perceval, M.D., 5, Trinity College
- ✱ Wybrants, Robert, 47, Rutland-square
- ✱ Yeates, Stephen, 2, Grafton-street
- Zurhorst, F. W., 2, Connaught-terrace, Kingstown

## GARDEN SUBSCRIBERS.

- Anderson, Samuel Lee, 77, Lower Baggot-street  
 Andrews, G., Williamstown Castle, Blackrock  
 Armstrong, Richard, First Sergeant-at-Law, 32, Stephen's-  
 green  
 Atkinson, Richard William, Coldblow House, Donnybrook  
 5 Bacon, Major F., Arbour-hill  
 Baily, Elisha, George's-hill  
 Bancroft, —, 16th Regiment, Richmond Barracks  
 Barrington, Frederick, Ringsend Foundry  
 Bawtree, Dr., Royal Infirmary, Phoenix Park  
 10 Beach, Rev. Canon, 12, Belfast-terrace  
 Beare, G. H., 7, Conyngham-road  
 Berkeley, Captain, R.E., 5, Belfast-terrace, North Circular-  
 road  
 Boyd, Walter, LL.D., 21, Lower Leeson-street  
 Browne, Valentine, Phoenix Glen Lodge, Conyngham-road  
 15 Campbell, James, 20, Rutland-square, north  
 Campbell, William, 26, Gardiner's-place  
 Cockle, G. J., 17, Palmerston-road, Rathmines  
 Connolly, Albert, Aughrim-street  
 Coote, Captain C., Farmleigh, Castleknock  
 20 Coyne, C. M., 16, Waterloo-road  
 Cranfield, Thomas, Airfield, Dundrum  
 Crolley, Patrick, Cabra Lodge, Phibsborough  
 Curling, Arthur, Mountjoy Barracks, Phoenix Park  
 Dane, Richard, M.D., Inspector-General of Hospitals,  
 Crosthwaite Park, Kingstown  
 25 Duncan, Captain, Phoenix Park  
 Ellis, Col. H. D., 9th Regt., Richmond Barracks  
 Ferguson, William D., 48, Mountjoy-street  
 Fetherstone-Haugh, Mrs. William, 39, Raglan-road  
 Franklin, William, 10, Conyngham-road  
 30 Frazer, John F., Eblana-terrace

- Fryer, Major, Carabineers, 19, Montpelier House  
 Garland, Edward, 9, Belfast-terrace  
 Gavan, John, 17, Queen-street  
 Gavacan, M., 23, Arran-quay
- 35 Geoghegan, Thomas, James's-gate Brewery  
 Geoghegan, William P., James's-gate Brewery  
 Granville, Captain, 9th Regt., 3, Ben Lomond, North  
 Circular-road  
 Hardinge, William H., Woodlands, Monkstown  
 Harvey, H. Logan, 4, Summerville-terrace
- 40 Haughton, Wilfred, 15, Northumberland-road  
 Haughton, Mrs., 14, Summer-hill  
 Heney, T., 4, Summerhill-terrace, North Circular-road  
 Jeffcoat, W., 9th Regt., Richmond Barracks  
 Johnston, Dr., 4, Belfast-terrace, North Circular-road
- 45 Kennedy, John, 11, Merrion-row  
 King, Mrs, 9, Elgin-road  
 Lawless, Edward, M.D., St. Patrick's Hospital  
 Lee, Robert C., 12, Upper Merrion-street  
 MacDowell, William, 13, Corrig avenue, Kingstown
- 50 MacDuff, John, Wodehouse terrace, North Circular-road  
 Maher, John, 11, Russell-street  
 Marks, Alexander H., M.D., 26, Hatch-street  
 Murphy, Michael, Parkgate-street  
 Napier, James, 4 Merrion-square, south
- 55 Nedley, Thomas, M.D., Cavendish-row  
 Neligan, J. C., 133, Lower Baggot-street  
 Newman, Miss, Lower Baggot-street  
 Nugent, Colonel, 4, Conyngham-road  
 O'Brien, Timothy, Aylesbury-house, Merrion
- 60 O'Connor, Valentine O'B., 8, Merrion-square, north  
 O'Keefe, Edward, 3, Mill-street  
 Oldfield, Captain, 5th Fusileers, 3, Wodehouse-terrace  
 O'Shaughnessy, Michael, jun., 81, Harcourt-street  
 O'Sullivan, M.D., Victoria-terrace, Kingstown
- 65 Pakenham, William S., 8, Ely-place

- Perrin, Richard, 50, Lower Sackville-street  
 Price, Henry, Kilmainham  
 Redmond, Denis, Belmont-lodge, Sandford-road  
 Richardson, John, Q.C., 70, Lower Baggot-street  
 70 Scott, Francis M., Island-bridge House  
 Scott, William, 2, Lower Sackville-street  
 Smyth, Mrs., 28, Leeson-park  
 Speedy, Colonel, Royal Hibernian School  
 Steveley, Mrs., 1 Upper Gardiner-street  
 75 Stewart, Colonel, C.B., 9, Raglan-road  
 Sutton, Frederick, 22, Harcourt-street  
 Toomey, William G., 23, York-street  
 Twigg, J. Knox, 8, North Frederick-street  
 Walker, John, Chapelizod  
 80 Yeo, Henry, 27, Upper Merrion-street







The Forty-third

# ANNUAL REPORT

OF

The Royal Zoological Society

OF IRELAND,

FOR THE YEAR ENDED 31<sup>ST</sup> DECEMBER, 1874.



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DUBLIN:

BROWNE & NOLAN, PRINTERS, NASSAU-STREET.

1875.



# OFFICERS AND COUNCIL, 12th JANUARY, 1875.

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*PATRONESS.*

HER MAJESTY THE QUEEN.

*Ex-Presidents.*

HIS GRACE THE DUKE OF LEINSTER.  
LORD TALBOT DE MALAHIDE.  
SIR DOMINIC CORRIGAN, BART., M.D.  
VISCOUNT POWERSCOURT.  
EARL SPENCER, K.G.

*President.*

J. W. MURLAND., M.A.

*Vice-Presidents.*

BANKS, J. T., M.D., M.R.I.A.  
HAYES, MAJOR.  
IRVINE, HANS, M.B.  
LEFANU, W. R., Esq.  
LENTAIGNE, J., C.B.

*Secretary.*

HAUGHTON, REV. S., M.D., D.C.L.

*Treasurer.*

HUTTON, T. MAXWELL, Esq., J.P.

*Council.*

BALL, ROBERT S., M.A., LL.D.  
BARTON, H. M., Esq.  
CARTE, WILLIAM, J.P.  
HERON, DENIS CAULFEILD, Q.C.  
KANE, SIR ROBERT, F.R.S.  
LALOR, J. J., M.R.I.A.  
MACALISTER, ALEXANDER, M.B.  
MACDONNELL, ROBERT, M.D.  
MAPOTHER, E. D., M.D.  
MORTON, HON. ALGERNON, CAPTAIN.  
PIM, JOSEPH TODHUNTER, Esq.  
REEVES, ROBERT, Esq.  
ROBERTS, S. U., Esq.  
SCOTT, F. M., J.P.  
SOUTHWELL, VISCOUNT, K.P.

R. J. MONTGOMERY, *Assistant Secretary.*



# Bylaws and Regulations

OF

## THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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### CHAPTER I.—THE CONSTITUTION.

1. The Society consists of Ordinary Members and Honorary Members.

2. The Officers shall be chosen from amongst the Ordinary Members, and shall be

A President,  
Five Vice-Presidents,  
A Secretary, and  
A Treasurer,

who, together with fifteen other Ordinary Members of the Society, shall constitute the Council.

3. The Officers and Council, for each year, shall be elected at the Annual General Meeting of the Members of the Society.

4. But in case any Officer, or other Member of the Council, shall die or resign, the Council may appoint a Member to supply his place until the next Annual Meeting.

### CHAPTER II.—THE MEMBERS.

1. Every person wishing to become a Member of the Society must be proposed in writing to the Council by one Member of Council, and seconded by another; and upon election and payment of his admission fee, such person shall be a Member of the Society.

2. But he shall not exercise the privileges of a Member until his first year's Subscription is paid in advance.

3. The Admission Fee shall be *One Pound*, the Annual Subscription *One Pound*, and the Composition for life in lieu thereof, *Ten Pounds*.

4. The Annual Subscription shall be due on the first of January in each year, and shall be payable in advance.

5. If the Subscription of any Member is not paid within one year after it is due, he shall cease to be a Member until he shall have paid up his arrears.

6. No person becoming a Member after the first day of October in any year, shall be liable for the Subscription for that year.

7. No person shall exercise the privilege of a Member until he shall have paid his Subscription for the current year.

8. Ladies may be admitted as Members upon the same terms, and with the same privileges, as gentlemen.

9. Members of the Society, Wives of Members, and Children of Members, while resident with their parents, shall have the privilege of free admission to the Gardens, on their names and addresses being inserted in the Admission Book; and, in the case of Children of Members under twelve years of age, the name of the person in charge of them being also signed.

### CHAPTER III.—HONORARY MEMBERS.

1. Distinguished persons may be elected Honorary Members without annual or other payment, by a vote of the Society, at any of its Meetings, upon the previous recommendation of the Council.

2. Honorary Members shall have the same privileges as other Members, except that of voting at the Meetings.

3. The number of Honorary Members shall be limited to twenty.

### CHAPTER IV.—THE OFFICERS.

#### *The President.*

1. The President shall preside at all Meetings of the Society and Council, when present, and shall generally superintend the affairs of the Society.

2. The same person shall not be President for more than five successive years.

3. Ex-Presidents shall continue to be Honorary Members of Council.

*Vice-Presidents.*

1. Of the five Vice-Presidents, two at least shall go out at each election, but this shall not prevent their continuing Members of the Council in another capacity.

2. The Vice-Presidents shall supply the place of the President in his absence.

*The Secretary.*

It shall be the duty of the Secretary to see to the execution of the rules, orders, and directions of the Society and Council.

*The Treasurer.*

No money shall be paid by the Treasurer, except upon the written order of the Council, signed by at least three of its Members.

CHAPTER V.—THE COUNCIL.

1. Three Members shall form a Quorum.

2. The Council shall meet at such times as they themselves shall determine.

3. It shall be the duty of the Council to conduct the business of the Society, subject to the laws and regulations of the Society at large.

4. All questions shall be decided by the majority of voices; and where the numbers are equal, the Chairman shall have a casting voice; but he shall not vote except in such case.

5. The Council may summon a Meeting of the Society for scientific purposes whenever they think fit, stating the object of such Meeting; and at such Meeting no business but that stated in the notice shall be discussed.

6. At least three of the Council shall go out at each election.

7. No Member of the Society having any contract with the

Society or Council for which payment is to be made, shall be eligible to a seat in the Council in any capacity; and if the name of any Member of the Society having a contract with the Society, or receiving any fee or emolument from the Society, shall be found in the ballot, that name shall be set aside by the Chairman, notwithstanding any number of votes that may be appended to it; and if any Member or Officer of the Council enter into any contract with the Society, or receive from it any fee, payment, or emolument, his seat shall become, *ipso facto*, vacant in the Council, and the Council shall immediately summon a Meeting of the Society to elect a Member to the vacant place.

#### CHAPTER VI.—THE ANNUAL MEETING.

The Annual Meeting shall be held on the second Tuesday in January in each year, for the purpose of electing the Council and Officers for the ensuing year, and of hearing the Report of the Council read, and auditing the accounts.

##### *Election of Officers.*

1. The Council for the time being shall annually cause to be prepared a list of persons whom they recommend to be Officers and Council for the ensuing year.

2. The list shall distinguish the three or more Members proposed to be removed, and the three or more proposed to be elected in their room, and it shall be transmitted to each Member residing in Dublin, by post, along with the notice of the time and place of the General Meeting, to be sent at least seven days before the day of meeting.

3. The Chair shall be taken at four o'clock, when the ballot shall commence, and continue open for one hour, at the expiration of which time the Chairman shall proclaim that the time had arrived when the ballot should close, and order the porter not to admit any other Members into the room, and then the Chairman shall call on the Members in the room who have not balloted, to come forward and ballot, and the scrutiny shall forthwith take place; and those persons to whose names the



greater number of marks shall have been affixed, shall be declared duly elected, in the order and places in which they stand, provided at least three new Members be elected, but if not, then those of the proposed Members who have the least number of marks shall be rejected, until at least three former Members are excluded, and their places shall be filled by those who have the next greatest number of marks.

4. If two or more names have the same number of marks, the order of preference shall be decided by lot.

#### *General Business.*

1. No motion respecting a change in the laws or constitution of the Society shall be discussed or voted upon at the Annual or other Meeting, except as hereafter provided, unless notice thereof be given in writing to the Council, at least one month before such Meeting; the Council to give seven days' notice to the Members, as before ordered.

2. But the Council may propose, and bring to the vote, any measure or question, at any of the Meetings of the Society, provided it shall have been under their consideration for at least one month, and that notice thereof be given to the Members in the circular notice of such Meeting, at least seven days previous to the day of Meeting.

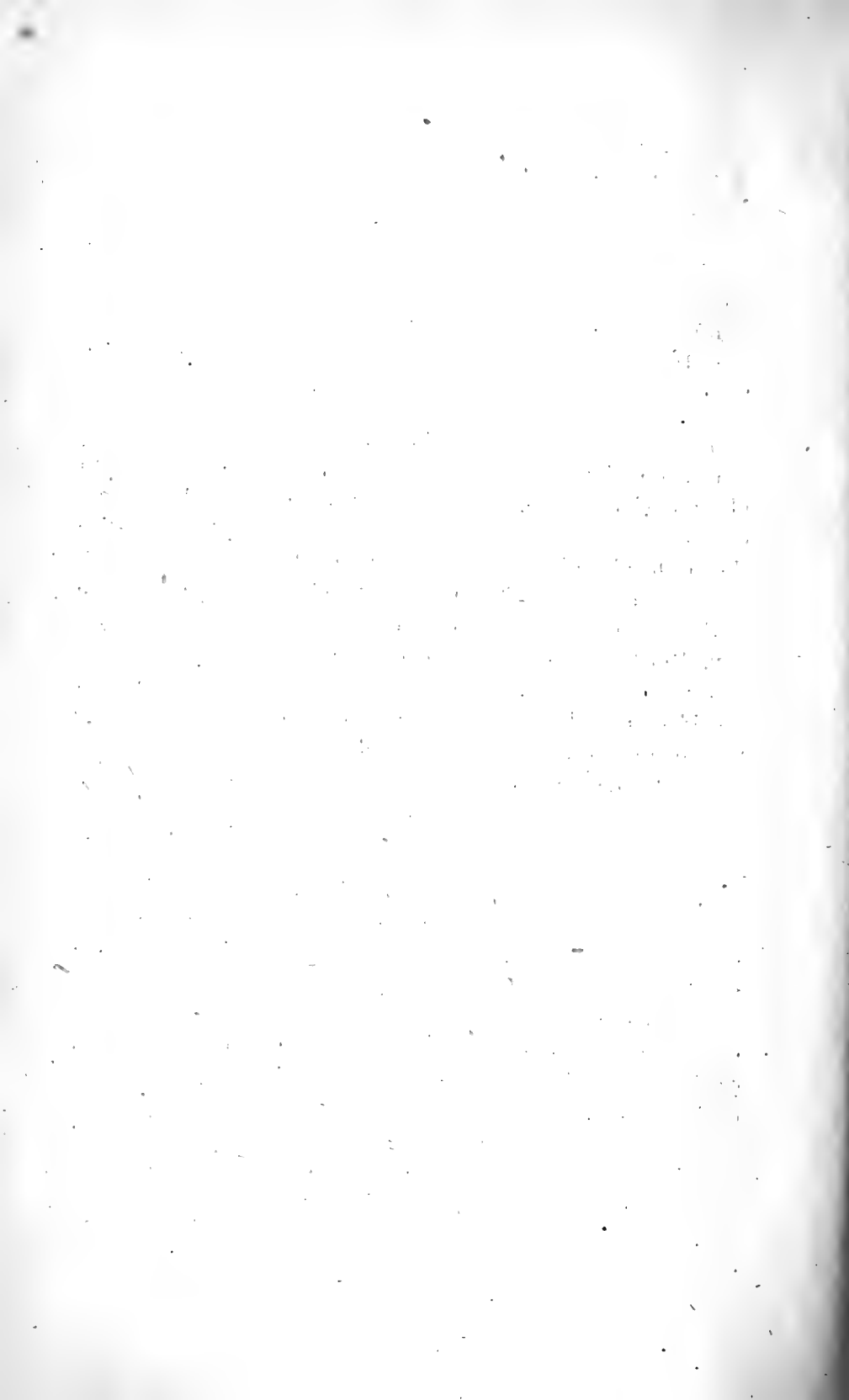
#### CHAPTER VII.—THE GARDENS.

1. Any person enrolling his name in a book kept at the gate of the Gardens, and paying One Pound a year, shall be a Subscriber, and shall have the same privileges of ingress to the Gardens as a Member of the Society.

2. The Council shall have the power of suspending all rights of free entrance to the Gardens upon the day of a public fête, or similar occasion, when such shall be given for the benefit of the Society.

3. During frost, the Council shall have power to suspend all privileges of Members and Garden Subscribers, except that of personal admission.

4. The Council shall have power from time to time to vary, as may seem fit to them, the rates of admission to non-subscribers.



# ROYAL ZOOLOGICAL SOCIETY

## OF IRELAND.

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THE Forty-third Annual Meeting of the ROYAL ZOOLOGICAL SOCIETY OF IRELAND was held in the Hall of the College of Physicians, on Tuesday, 12th of January, 1875.

SIR DOMINIC J. CORRIGAN, BART., M.D.,  
*Ex-President,*  
 IN THE CHAIR.

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## REPORT OF COUNCIL.

During the year 1874 the numbers of visitors to the Gardens, and the receipts at the entrance gate, were as follows:—

|                             |     |         |     |             |  |
|-----------------------------|-----|---------|-----|-------------|--|
| 1. Members                  | ... | 7,245   |     |             |  |
| 2. Public Institutions      | ... | 3,811   |     |             |  |
| 3. Visitors on Tickets      | ... | 407     |     |             |  |
| 4. Visitors at One Shilling | ... | 16,677  | ... | £833 17 0   |  |
| 5. Visitors at Sixpence     | ... | 4,278   | ... | 106 19 0    |  |
| 6. Schools at Threepence    | ... | 360     | ... | 4 10 0      |  |
| 7. Visitors at Twopence     | ... | 42,235  | ... | 351 19 2    |  |
| 8. Visitors at One Penny    | ... | 34,910  | ... | 145 9 2     |  |
|                             |     |         |     |             |  |
| Total Admissions            | ... | 109,923 | ... | £1,442 14 4 |  |

During the preceding year (1873) the corresponding numbers and receipts were as follows:—

|                             |     |         |     |      |      |
|-----------------------------|-----|---------|-----|------|------|
| 1. Members                  | ... | 7,199   | ... |      |      |
| 2. Public Institutions      | ... | 3,996   | ... |      |      |
| 3. Visitors on Tickets      | ... | 221     | ... |      |      |
| 4. Visitors at One Shilling | ... | 17,116  | ... | £855 | 16 0 |
| 5. Visitors at Sixpence     | ... | 4,493   | ... | 112  | 6 6  |
| 6. Schools at Threepence    | ... | 482     | ... | 6    | 0 6  |
| 7. Visitors at One Penny    | ... | 114,255 | ... | 476  | 1 3  |

|                  |     |         |     |        |     |
|------------------|-----|---------|-----|--------|-----|
| Total Admissions | ... | 147,762 | ... | £1,450 | 4 3 |
|------------------|-----|---------|-----|--------|-----|

The total numbers of visitors and receipts at gate during the past ten years were as follows:—

| Year. | Visitors. | Receipts.  |
|-------|-----------|------------|
| 1865  | 127,522   | £1,158 9 0 |
| 1866  | 111,789   | 778 10 10  |
| 1867  | 125,010   | 1,006 19 1 |
| 1868  | 127,900   | 938 18 6   |
| 1869  | 136,052   | 1,046 8 4  |
| 1870  | 151,785   | 1,359 16 6 |
| 1871  | 167,692   | 1,352 0 5  |
| 1872  | 147,184   | 1,502 9 10 |
| 1873  | 147,762   | 1,450 4 3  |
| 1874  | 109,923   | 1,442 14 4 |

During the corresponding years the total receipts from Entrance Fees and Subscriptions were as follows:—

| Year. | Entrance Fees and Subscriptions. |
|-------|----------------------------------|
| 1865  | £287                             |
| 1866  | 432                              |
| 1867  | 291                              |
| 1868  | 343                              |
| 1869  | 369                              |
| 1870  | 378                              |
| 1871  | 435                              |
| 1872  | 496                              |
| 1873  | 404                              |
| 1874  | 610                              |

The stock of animals in the Gardens during the past six years was as follows :—

| Year. | Mammals. | Birds. | Reptiles. | Total. |
|-------|----------|--------|-----------|--------|
| 1869  | 143      | 219    | 25        | 387    |
| 1870  | 182      | 222    | 22        | 426    |
| 1871  | 173      | 245    | 30        | 448    |
| 1872  | 174      | 220    | 9         | 403    |
| 1873  | 153      | 216    | 12        | 381    |
| 1874  | 152      | 240    | 4         | 396    |

The sums expended in the purchase of animals during the past ten years were as follows :—

| YEAR. |     |     |     | £   | s. | d. |
|-------|-----|-----|-----|-----|----|----|
| 1865  | ... | ... | ... | 100 | 18 | 4  |
| 1866  | ... | ... | ... | 73  | 19 | 7  |
| 1867  | ... | ... | ... | 404 | 7  | 6  |
| 1868  | ... | ... | ... | 145 | 16 | 3  |
| 1869  | ... | ..  | ... | 294 | 19 | 3  |
| 1870  | ... | ... | ... | 435 | 6  | 6  |
| 1871  | ... | ... | ... | 351 | 13 | 8  |
| 1872  | ... | ... | ... | 416 | 6  | 11 |
| 1873  | ... | ... | ... | 143 | 0  | 0  |
| 1874  | ... | ... | ... | 234 | 18 | 9  |

The promenades of May, June, and July were continued in 1874.

The numbers of members and visitors on the promenade days of each year were as follows :—

| Year. | Members. | Visitors. | Total. | Receipts. |
|-------|----------|-----------|--------|-----------|
| 1869  | 902      | 2,946     | 3,848  | £73 13 10 |
| 1870  | 986      | 3,633     | 4,619  | 88 3 6    |
| 1871  | 2,030    | 4,193     | 6,223  | 104 16 6  |
| 1872  | 1,488    | 2,710     | 3,198  | 135 10 0  |
| 1873  | 1,738    | 2,075     | 3,813  | 99 5 0    |
| 1874  | 1,814    | 1,741     | 3,555  | 86 2 0    |

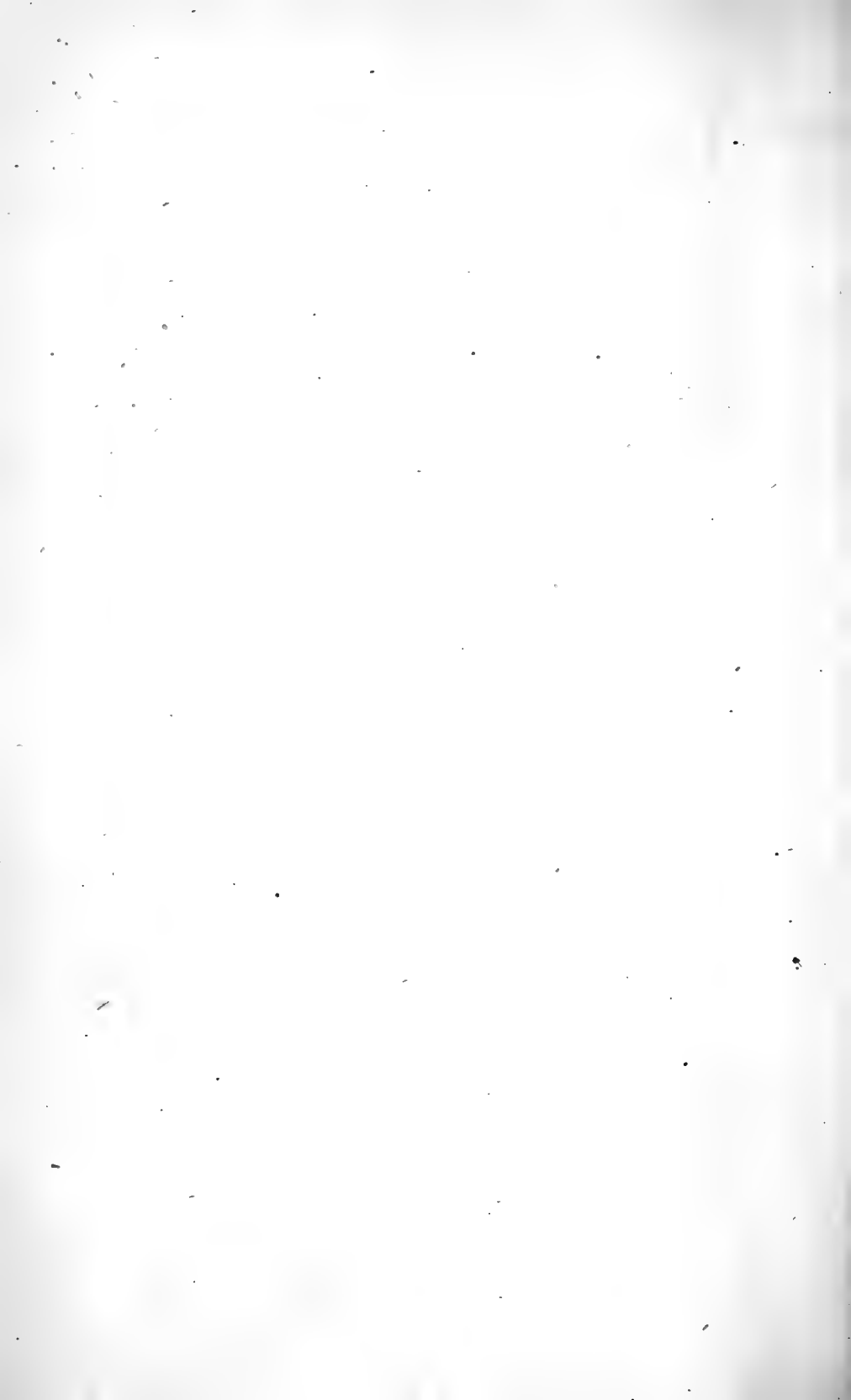
During the past year 27 live horses, 117 dead cattle, and 5 dead pigs and sheep were presented to the Society for the use of the animals.

Among the most interesting animals added to the Gardens during the year, may be mentioned Burchell's Zebra, a fine male, born in the Antwerp Gardens. The Acclimatation Societies of France and Belgium are now directing attention to this Zebra as a means of improving our breed of mules. A Danish Boar Hound from the King of Denmark's own kennel, presented by Captain Boxer, R.N., forms an attractive addition to the collection of animals.

The Council have received plans and estimates for the construction of an Elephant Compound, on the plan of those so well known in the London Gardens. The total cost will amount to £150, but it will add much to the health and comfort of the animal, and will form a permanent improvement in the arrangements of the Gardens.

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APPENDIX II.

RETURN OF ANIMALS PRESENTED

TO THE

Royal Zoological Society of Ireland,

DURING THE YEAR 1874.

| 1874.    | ANIMALS, ETC.               | BY WHOM PRESENTED.                                  |
|----------|-----------------------------|-----------------------------------------------------|
| Jan. 1st | Pair of Frizzly Fowl,       | William Corbet, Esq., Castleconnell.                |
| „ 2nd    | Pair Common Pheasants,      | Major Sandys Lindesay.                              |
| „ 5th    | 1 African Ring Dove,        | Miss McKnight, 1, Lorne-terrace.                    |
| „ 8th    | 1 Red Deer,                 | Wm. P. Garnett, Esq., Green Park, Co. Meath.        |
| „ 27th   | 1 Sulphur-crested Cockatoo, | George Sutherland, Jun., Esq., Priorsland.          |
| „ 28th   | 2 Ring Doves,               | Master Carter, Phœnix Park.                         |
| Feb. 3rd | 1 Kingfisher,               | J. F. Shackleton, Esq., Lucan.                      |
| „ „      | Slender-billed Cockatoo,    | Miss G. Denny, Kilgobbin Rectory, Tralee.           |
| „ 4th    | 1 West African Python,      | } M. A. Boyd, M.D., 3, Leinster-terrace, Kingstown. |
| „ „      | 1 Crocodile,                |                                                     |
| „ 25th   | 2 Red Squirrels,            | Mrs. Carter, Phœnix Park.                           |
| Mar. 2nd | 1 Bonnet Monkey,            | Mitchell Henry, M.P., Co. Galway                    |
| „ 8th    | 1 Sparrow Hawk,             | Miss Maud A. Carter, Phœnix Park.                   |
| Apl. 2nd | 2 Agouties,                 | Rev. J. Mc G. Ward, H.M.S. <i>Egmont</i> .          |
| „ 4th    | Gold Carp,                  | D. W. Johnston, Esq., Jennymount Mills, Belfast.    |
| „ „      | 1 Snow Bunting,             | Captain John Sweeney, Barque <i>Boreas</i> .        |
| „ 6th    | 1 Hedgehog,                 | T. H. Purell, Esq., 155, Rathgar-road.              |
| „ „      | 1 Mongoos,                  | Surgeon Markey, 25th Regt., India.                  |

| 1874.     | ANIMALS, ETC.                         | BY WHOM PRESENTED.                                     |
|-----------|---------------------------------------|--------------------------------------------------------|
| Apl. 16th | Quantity of Fishes for }<br>Aquarium, | Robert M. Chamney, Esq.                                |
| " "       | A Kangaroo,                           | } William Corbet, Esq., Castleconnell.                 |
| " 17th    | A Goshawk,                            |                                                        |
| " 24th    | 2 Emeus,                              | Sir C. Gavan Duffy, Melbourne.                         |
| " "       | 2 Wedge-tailed Eagles,                | J. J. Casey, Esq., Melbourne                           |
| May 1st   | 1 Agouti,                             | Rev. J. Mc G. Ward, H.M.S. <i>Egmont</i> .             |
| " 4th     | 2 Barn Owls,                          | R. S. Wogan, Esq., 51, North King-<br>street.          |
| " 15th    | Pheasant,                             | Major Sandys Lindesay, Loughry,<br>Tyrone.             |
| " 17th    | 3 Black Francolins,                   | Mr. Richd. Kenny, Schoolmaster, Cold-<br>streams.      |
| " 27th    | 1 Pig-tailed Monkey,                  | Joseph Digges, Esq., 27, Lincoln-place.                |
| June 5th  | 1 Badger,                             | W. J. Kelly, Esq., Mullingar.                          |
| " 10th    | 1 Sparrow Hawk,                       | Mr. W. Williams, Naturalist, 2, Dame-<br>street.       |
| " 12th    | 1 Hooded Crow,                        | R. Warren, Esq., Jun., Moyview,<br>Ballina.            |
| " 14th    | 1 Hooded Crow,                        | Master L. A. Carter, Phoenix Park.                     |
| " 16th    | 4 Jack-daws,                          | Master George Champany L'Estrange,<br>Mohill.          |
| " 17th    | 1 Danish Boar Hound,                  | Captain Boxer, R.N., Netley, Black-<br>rock.           |
| Jul. 2nd  | Russian Rabbit,                       | Miss Berry, Phoenix Park.                              |
| " "       | 2 Cormorants,                         | William Corbet, Esq., Castleconnell.                   |
| " 3rd     | 1 Rhesus Monkey,                      | A. W. Browne, Esq., City of Dublin<br>Hospital.        |
| " 6th     | 1 Sulphur-crested Cocka-<br>too,      | C. D. Ingham, Esq., 58, Great Charles-<br>street.      |
| " 9th     | 1 Chameleon,                          | J. J. Holland, M.D., 1, Mary-street,<br>Galway.        |
| " "       | 1 Kestrel,                            | } J. Irwin Whitty, LL.D., 94, Lr. Baggot-st.           |
| " "       | 1 Magpie,                             |                                                        |
| " "       | 1 Ringdove,                           |                                                        |
| " 13th    | 2 Sparrow Hawks,                      | Master Scriven, 33, Stephen's-green.                   |
| " "       | 4 Cormorants,                         | William Corbet, Esq., Castleconnell.                   |
| " 19th    | 2 Rheas,                              | Dr. Armstrong, Leeson Park, Corres-<br>ponding Member. |
| " 20th    | 1 Egret Monkey,                       | Mr. Carter, Superintendent.                            |
| Aug. 2d   | 2 Alexandrine Parrakeets,             | A. Courtney, Esq., Provincial Bank.                    |
| " 7th     | 1 Virginian Opossum,                  | W. L. Erson, Esq., 39, Henry-street.                   |
| " "       | English Toads and Newts,              | Master R. W. Penrose, Downham,<br>Norfolk.             |

## 1874.            ANIMALS, ETC.

Aug. 7th 3 Bullfinches,  
 „ 14th 1 Kestrel,  
 „ 15th 1 Sparrow Hawk,  
 „ 23rd 2 Barn Owls,  
 „ 25th 1 Curlew,  
 „ 31st 1 Kestrel,  
 Sep. 6th 1 Hedgehog,  
 „ „ 1 Long-eared Bat,  
 „ 8th 1 Tawney Owl,  
 „ 16th 3 Royal Pythons,  
 „ „ 2 Patas Monkeys,  
 „ „ 2 Senegal Parrots,  
 „ „ 1 West African Kite,  
 „ 18th 1 Fox,  
 „ „ 1 Hooded Crow,  
 „ 25th 1 Macaw, Blue & Yellow,  
 „ „ 1 Badger,  
 „ 29th 1 Egyptian Goat,  
 Oct. 1st 1 Sparrow Hawk,  
 „ 2nd 1 Egret Monkey,  
 „ „ 1 Rhesus Monkey,  
 „ 5th 2 Red Squirrels,  
 „ 10th 5 Rain Quails,  
 „ 15th 1 Hedgehog,  
 „ 23rd 1 Peacock,  
 „ 27th 2 Indian Crows,  
 Nov. 5th 1 Otter,  
 „ 8th 1 Heron,  
 „ 10th 3 Hybrid Ducks,  
 „ „ 1 Grey Partridge,  
 „ 12th 1 Sparrow Hawk,  
 14th 1 Sparrow Hawk,

## BY WHOM PRESENTED.

Mr. E. O'Keefe, 3, Mill-street.  
 Master Eyre, Eyre Court, Galway.  
 Dr. Armstrong, Leeson Park, Corresponding Member.  
 Thomas Leonard, Esq., Highfield Lodge, Rathfarnham.  
 Charles Corbet, Esq., 27, Upper Gardiner-street  
 L. Boyhan, Esq., Mullingar.  
 F. Herbert Nash, A.M., 9, Synnot-place.  
 Mrs. Morris, Fortview House, Clontarf.  
 Master H. W. Humphries, Mona, Loughlinstown.  
 Surgeon-Major C. B. Mosse, Corresponding Member.  
 Mr. A. Murray, Carton, Maynooth.  
 C. Langtry, Esq., 29, Kenyon-terrace, Birkenhead.  
 William Corbet, Esq., Castleconnell.  
 Dr. Tweedy, 16, Rutland-square.  
 Master Edward Fottrell, 2, Idrone-terrace, Blackrock.  
 Dr. St. George Tyner, Downpatrick.  
 Mrs. Bushe, Glencairne Abbey, Lismore.  
 J. Lentaigue, C.B., Vice-President, R.Z.S.  
 Master H. B. Rathborne, Dunsinea.  
 Mrs. Pryor, Bloomfield Retreat, Donybrook.  
 William Corbet, Esq., Castleconnell.  
 J. W. Pepper, S.I., R.I.C., Claremorris.  
 Master F. P. Carter, Phoenix Park.  
 H. C. Joly, Esq., Clenbologue, Kildare.  
 S. Gordon, Jun., M.D., 13, Hume-street.  
 Master H. B. Rathborne, Dunsinea.  
 Mr. A. Williams, Naturalist, 2, Dame-street.

| 1874.     | ANIMALS, ETC.                  | BY WHOM PRESENTED.                            |
|-----------|--------------------------------|-----------------------------------------------|
| Nov. 23rd | 1 Iceland Falcon,              | William Corbet, Esq., Castleconnell.          |
| „ 26th    | 1 Black-winged Peacock,        | A. L. G. Cumming, Esq., Rostrevor.            |
| „ „       | 1 Burmese Bantam,              | Miss Lilly Gildea, Mackney, Ballinasloe.      |
| Dec. 2d   | 2 Crested Parrakeets,          | } Mr. E. O'Keefe, 3, Mill-street.             |
| „ „       | 2 Guinea Fowl,                 |                                               |
| „ 12th    | 1 Red-headed Cardinal<br>Bird, | } John Hingston, Esq., Trinity College.       |
| „ 22nd    | 1 Rhesus Monkey,               | } Thomas Chambers, Esq., Abeefoyle,<br>Derry. |
| „ „       | 1 Green Monkey,                |                                               |

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# List of Members

OF THE

ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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## HONORARY MEMBERS.

Agassiz, Professor, Cambridge, Massachusetts

Bell, Professor, F.R.S., Selborne

Carus, M. Victor, Museum, Leipsic

- Gould, John, F.R.S., 26, Charlotte-st., Bedford-square,  
London

Gray, J. E., Ph.D., British Museum

Jenyns, the Rev. L., F.R.S.

Jones, Professor Rymer, F.R.S., King's College, London

Just, Wm., Pacific Steam Navigation Co., Liverpool

Lea, Isaac, LL.D., Philadelphia

Leach, Colonel, R.E., Highgate, London .

Lisgar, Rt. Hon. Lord, K.C.B., The Castle, Bailieborough

Mayo, Rt. Hon. The Earl of, Palmerstown house, Naas

Montgomery, General G. S., H.M. Indian Army, C.S.I.

Owen, Professor, F.R.S., British Museum, London

Rupell, M. M., Frankfort

Selator, P. Lutley, Ph.D., F.R.S., Secretary, London  
Zoological Society

Trevelyan, Sir Charles, K.C.B., Indian Service

## CORRESPONDING MEMBERS.

- James Armstrong, M.B., 8, Leeson-park  
 William Armstrong, Surgeon-Major, 1st Battalion,  
 16th Regiment  
 Colonel Collingwood, 21st Fusiliers  
 John P. Denton, Jun., West Hartlepool  
 George S. Dobson, Assistant Staff Surgeon, India, Royal  
 Victoria Hospital, Netley, Southampton  
 Dr. Doyle, Assistant Surgeon, "Serapis"  
 Col. Dwyer, 1st Battalion, 14th Regiment  
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 Colonia, South America  
 J. B. Hamilton, Esq., M.D., Royal Artillery  
 His Excellency J. Pope Hennessy  
 E. C. Markey, Esq., M.D., 25th Regiment  
 F. A. Montgomery Moore, late 1st West Indian Regt.,  
 care of — Given, Esq., Office, Aughnacloy  
 C. B. Mosse, Staff-Surgeon  
 J. M. Price, Surveyor-General, Hong-Kong  
 Captain Seymour, Chief Commissioner of Police,  
 Queensland  
 E. Guy Selby Smythe, Sunbury-on-Thames  
 Rev. John Mac G. Ward, Chaplain H.M.S., Egmont

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\* *Indicates Life Members.*

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 \* His Grace the Duke of Abercorn  
 \* The Right Hon. the Earl of Kimberley  
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- 5 Alexander, Alfred J., Richmond-villa, Monkstown  
 Alexander, William, 10, Belgrave-square, Monkstown  
 Allen, Alexander, 20, Upper Bridge-street  
 \* Allen, Richard Purdy, 11, Bessboro'-terrace, North Circular-road  
 Allen, Richard, 28, Lower Sackville-street
- 10 Andrews, William, Ashton, Monkstown  
 Andrews, Arthur, 4, New Brighton, Monkstown  
 Andrews, Henry, Hastings, Blackrock  
 \* Archer, William, 21, Upper Pembroke-street  
 \* Armstrong, Andrew, J.P., St. Andrew's, Temple-road, Upper Rathmines
- 15 \* Arthur, Lieutenant-Colonel, 3rd Dragoon Guards  
 Athill, Lombe, M.D., F.R.C.S., 11, Upper Merrion-street  
 \* Atkinson, John, Ely-place  
 Aungier, Robert, 66, Eccles-street  
 Ayres, Rev. George, Cappagh house, Finglas
- 20 Babington, William, 25, Upper Fitzwilliam-street  
 Bagnall, J. J., University Club  
 Bagot, John, 57, William-street  
 Baily, John, C.E., 3, Blackhall-place  
 Ball, J. B., 12, Merrion-square, east
- 25 \* Ball, Robert Stawell, LL.D., Observatory, Dunsink  
 \* Bangor, Right Honorable Lord, Castle Ward, Downpatrick  
 \* Banks, John T., M.D., 11, Merrion-square, east  
 \* Barker, H. O., LL.D., 6, Gardiner's-row  
 \* Barker, William Oliver, M.D., 6, Gardiner's-row
- 30 \* Barker, Richard Oliver, 6, Gardiner's-row  
 \* Barker, John, M.D., 83, Waterloo-road  
 Barrington, Edward, Great Britain-street  
 Barrington, Sir Croker, Bart., 60, Fitzwilliam-square, north  
 Barrington, Sir John, Great Britain-street
- 35 Barrington, William L., Glasnevin lodge

- Barry, Right Hon. Mr. Justice, Fitzwilliam-square  
 Barton, Freeman, 38, Upper Fitzwilliam-street  
 Barton, Henry M., 4, Foster-place  
 Barton, John K., M.D., 24, Lower Fitzwilliam-street  
 40 \* Beach, Sir M. E. Hicks, M.P., Chief Secretary's Lodge,  
 Phoenix Park  
 Belas, George Henry, 18, Leinster-road  
 Bennett, Edward H., M.D., 26, Lower Fitzwilliam-  
 street  
 Bentham, William, 66, Upper Sackville-street  
 \* Bewley, Samuel, Jun., 6, Dame-street  
 45 Bewley, William Henry, 22, Clyde-road  
 Bianconi, Charles, Longfield, Cashel  
 Blake, John A., 6, Ely-place  
 \* Blood, Bagot, 38, Wellington-road  
 \* Blood, J. L. H., Mountjoy-square  
 50 Blood, Frederick, Mountjoy-Brewery  
 \* Bookey, Wm. Thos. E., Major, Derrybane, Rathdrum  
 \* Bookey, Mrs. William, Beauchamp, Bray  
 Boland, E. H., M.D., Ruby hall, Monkstown  
 \* Bomford, George, Oakley Park, Kells  
 55 Bourke, Hon. C. F., Dublin Castle  
 Bowles, Robert, 40, York-road, Kingstown  
 Boyd, Alexander, 29, Rutland-square  
 Boyd, R. Macrory, Walworth, Grand Canal  
 Boyd, Samuel, Sloperton, Kingstown  
 60 Boyle, Courtney  
 Boyle, Richard W., College-green  
 Brady, Thomas F., 6, Percy-place  
 \* Brady, Maziere, J., 2, Wilton-place  
 Brady, James, M.D., 38, Harcourt-street  
 65 Brennan, Charles, Watling-street  
 Brennen, Henry, 8, Gardiner's-place  
 \* Bridgeford, W. B., 148, Sackville-street  
 Brinkley, Captain, Knockmaroon House, Castleknock  
 \* Brooke, Sir Victor, Bart., Colebrook, Brookboro'  
 70 \* Brooke, William, Taney-hill, Dundrum



- \* Browne, R. C., Viewmount, Carlow
- \* Browne, Hugh, Oatlands, Rathgar  
Browning, Jeffery, 9, Suffolk-street
- Burke, Edward F., 20, Merrion-square, north
- 75 \* Burke, T. H., Under-Secretary, Dublin Castle
- Burke, William, M.D., 12, Great George's-street
- \* Burke, Sir Bernard (Ulster), Dublin Castle
- \* Burton, Decimus, F.R.S., 37, Gloucester Gardens,  
Bayswater, London
- Burns, Gilbert, Mary-street, and Knockmaroon Cottage
- 80 Busby, Alphonso, 4 Burlington-road
- Bushé, Arthur, 18, Elgin-road
- Bussell, Henry, St. Leonard's, Avoca avenue, Blackrock
- Butler, E., Hollywood, Dundrum
- \* Butler, Lord James, Drumcondra Castle
- 85 Callwell, Nathaniel, 39, Fitzwilliam-place
- Campbell, Alderman, Mountjoy-square
- Carleton, Henry, 1 Seapoint villa, Monkstown
- \* Carlingford, Right Hon. Lord, Carlton Gardens, London
- Carolin, Robinson, 14, Abbey-street, lower
- 90 Carroll, Coote Alex., Boston Spa, Tadcaster, Yorkshire
- Carte, Alexander, M.D., Royal Dublin Society
- \* Carte, William, M.D., J.P., Royal Hospital
- Cassidy, John V., 50, Upper Mount-street
- Caulfeild, Edward H., City Marshalsea
- 95 \* Cavendish, Lord Edward
- Chambre, John, 45, Mountjoy-square
- \* Charlemont, Right Hon. the Earl of, Marino
- Chatterton, Right Hon. the Vice-Chancellor, Fitzwilliam-place
- Claridge, James, 35, Wellington-place
- 100 Clarke, Surgeon-Major, 22, Eccles-street
- \* Close, H. W., Bank, Henry-street
- \* Close, S. H., Bank, Henry-street
- Close, Rev. M. H., Newtown Park, Blackrock
- Colles, G. C., 38, Fitzwilliam square
- 105 Colles, William, M.D., 21, St. Stephen's-green

- Collins, Thomas, M.D., 28, Harcourt-street  
 Colville, James C., Bachelor's-walk
- 110 \* Connor, John, Anatomical Museum, Trinity College  
 Copland, Charles, Royal Bank  
 Copland, J. W., Belgrave-square, Monkstown  
 Corballis, J. R., LL.D., Q.C., Rosemount, Roebuck  
 Corbet, Daniel, 12, Clare-street  
 Corbett, William J., Spring Farm, Delgany  
 Corley, A. H., M.D., 30, Baggot-street
- 115 \* Cornwall, Gustavus, General Post Office  
 \* Cornwall, Robert, 36, Rutland-square  
 \* Corrigan, Sir Dominic, Bart., 4, Merrion-square, west  
 \* Corrigan, William J., 25, Upper Fitzwilliam-street  
 Cosgrave, W. A., 73, Eccles-street
- 120 Cotton, Charles P., C.E., 36, Westland-row  
 \* Cowper, Henry A., 29, Fitzwilliam-place  
 Crampton, Sir John, Bart., Bushey Park, Enniskerry  
 \* Creed, James, M.D., Assistant-Surgeon, 2nd Battalion  
 20th Regiment, 176, Rathgar-road  
 Cruise, Francis R., M.D., 3, Merrion-square, west
- 125 Cryan, Robert, M.D., 54, Rutland-square  
 \* Cusack, Sir Ralph S., J.P., 24, Rutland-square, north  
 D'Arcy, Matthew P., 6, Merrion-square, east  
 Denham, John, M.D., 30, Merrion-square, north  
 Dickson, Rev. Dr., Kildare-place
- 130 Dobbin, Charles E., 27, Gardiner's-place  
 Doherty, W. Izod, M.D., 21, Westland-row  
 \* Dowse, Richard, Right Hon. Baron, 38, Mountjoy-sq.  
 Drumm, Thomas, 4, Sackville-place  
 Drury, George, Dartry, Upper Rathmines
- 135 Drury, John G., do. do.  
 DuBedat, John, 45, Pembroke-road  
 DuBedat, W. G., Ailesbury-road, Merrion  
 Dudgeon, H. James, 113, Grafton-street  
 Duffy, G. F., M.B., 30, Fitzwilliam-place
- 140 \* Dufferin, The Right Hon. the Earl of, Clandeboye,  
 County Down

- \* Dunalley, Dowager Lady, 6, Belgrave-square, south,  
Monkstown
  - \* Dunnill, Benjamin, 1, Clifton-place, Monkstown
  - Dwyer, Henry, Chesterfield, Blackrock
  - \* Ellis, George, M.D., 91, Leeson-street
- 145 Elrington, J. F., LL.D., 24, Fitzwilliam-street, upper  
Enniskillen, Right Hon. Earl of, Florence-court  
Eustace, John, M.D., Highfield, Drumcondra
- \* Evatt, Robert B., D.L., Mount Louise, Monaghan
  - \* Farrell, E. Walter, 3, Merrion-square, east
- 150 \* Farrell, James, 3, Merrion-square, east
- \* Farrell, Mrs., 3, Merrion-square, east
  - \* Faulkner, Bolton W., 95th Regiment
  - Fennell, Joshua G., 7, Longford-place, Monkstown
  - Ferguson, J. H., 105, Grafton-street
- 155 Fetherston, H. S. Radcliffe, 17, Eccles-street
- \* Findlater, Adam S., The Slopes, Kingstown
  - \* Findlater, John, Mulbeach, Monkstown, co. Dublin
  - Findlater, William, 22, Fitzwilliam-square
  - Fitzgerald, Right Hon. Mr. Justice, 7, Merrion-sq., east
- 160 \* Fitzgerald, Thomas, 22, Fitzwilliam-place
- Fitzsimon, Francis, 15, Bridgefoot-street
  - Fitzpatrick, William J., J.P., 75, Pembroke-road
  - Flanagan, Hon. Stephen Woulfe, Judge, Landed Estates  
Court, 20, Fitzwilliam-place
  - Fleming, Christopher, M.D., 6, Merrion-square, north
- 165 Foot, Arthur Wynne, M.D., 21, Lower Pembroke-street
- \* Forrest, J. K., M.D., 13, Clare-street
  - Forrest, James, Grafton-street
  - Foster, John, St. Mary's, Temple-road, Rathmines
  - Fottrell, Edward, J.P., 46, Fleet-street
- 170 Galbraith, Rev. Joseph A., Trinity College
- Gamble, Geo. Francis, Major, Mount Jerome, Harold's-  
cross
  - Geale, William, Four Courts
  - Gerrard, Thomas, 11, Oakland Villas, Rathgar
  - Geoghegan, Thomas G., 81, James's-street

- 175 Gill, Henry Joseph, 3, St. John's-terrace, North Circular-road  
 Gordon, Samuel, M.D., 13, Hume-street  
 \* Granard, Right Hon. Earl of, Castle Forbes, County Longford  
 Grattan, Dr. Richard, Drummin House, Carbury, Enfield, Co. Kildare  
 Graves, Major Percy, 8, Merrion-square, north
- 180 Green, William, 30, Upper Sackville-street  
 \* Greer, Thomas, J.P., Bushy Park, Terenure  
 \* Greer, A. J., 17th Lancers  
 \* Gregory, Right Hon. W. H., Governor of Ceylon, Coole Park, Gort  
 Greene, Thomas, 49, Stephen's-green
- 185 Griffith, Sir Richard, Bart., 2, Fitzwilliam-place  
 \* Guinness, Sir A. E., Bart., M.P., St. Anne's, Clontarf  
 \* Guinness, The Lady Olive, St. Anne's, Clontarf  
 \* Guinness, Edward Cecil, St. Stephen's-green Hall, General, Merville, Donnybrook
- 190 Hamerton, J. Tayler, 5, Ailesbury-road, Merrion  
 Hamilton, J. T., M.D., Brighton-terrace, Monkstown  
 Hamilton, C. W., Hamwood House, Dunboyne  
 \* Hamilton, John, M.D., 14, Merrion-square  
 Hamilton, Edward, M.D., 120, St. Stephen's-green
- 195 \* Hamilton, Ion Trant, M.P., Abbotstown  
 Hamilton, Miss Sidney, 5, Victori -terrace, Clontarf  
 Hanson, Henry C., C.E., The Laurels, New Kilmainham  
 \* Harmon, Mrs., Inchicore  
 \* Hartington, Most Hon. the Marquess of, 78, Piccadilly, London
- 200 Harvey, Reuben, M.B., 7, Upper Merrion-street  
 Hatchell, George W., M.D., 16, Elgin-road  
 \* Haughton, Rev. Samuel, M.D., F.R.S., Trinity College  
 Haughton, William, 27, City-quay  
 Hayden, Thomas, M.D., 30, Harcourt-street
- 205 Hayes, Major, 12, Ely-place  
 Head, Henry, M.D., 7, Fitzwilliam-square

- Heinekey, Lewis, East-view, New Brighton, Monkstown  
 Heiton, Thomas, Melrose, Leinster-road  
 \* Henry, Mitchell, M.P., Kylemore, Galway  
 210 \* Henry, F. H., Park-lodge, Straffan, Co. Kildare  
 Henshaw, Alfred, Hatherton, Rathmines  
 Heron, Denis Caulfeild, 7, Upper Fitzwilliam-street  
 Hewatt, Thomas, 7, Belgrave-square, Monkstown  
 Hime, Maurice, C.E., Diocesan School, Monaghan  
 215 Hodges, H. Burleigh, Alma-road, Monkstown  
 Hodges, John, 16, Westmoreland-street  
 \* Hodson, R. A., Hollybrook, Bray  
 Hogg, Jonathan, Craigemore, Blackrock  
 Hone, Brindley, Vevay House, Ballybrack  
 220 \* Hone, Nathaniel, St. Doulough's Park  
 \* Hone Thomas, J.P., Yapton, Monkstown  
 \* Hudson, Alfred, M.D., 2, Merrion-square, north  
 Hudson, Edward, 28, Gardiner's-place  
 Hughes, James S., M.D., 1, Merrion-square, west  
 225 Hull, Edward, M.A., Director of the Geological Survey,  
 Ireland, 5, Raglan-road  
 \* Hutton, Mrs., 4, Fitzwilliam-place  
 \* Hutton, Thomas Maxwell, J.P., 3, Fitzwilliam-place  
 \* Hutton, Mrs. Thomas Maxwell, 3, Fitzwilliam-place  
 \* Hutton, Lucius O., 8, Fitzwilliam-place  
 230 \* Hyland, James K., 13, Rutland-square, east  
 Ilbery, George E., St. John's, Island-bridge  
 Inglis, J. Malcolm, 3, Brighton-terrace, Monkstown  
 \* Ireland, Richard S., M.D., 121, St. Stephen's-green  
 Irvine, Hans, M.D., 1, Rutland-square  
 235 \* Jacob Archibald H., M.D., 23, Ely-place  
 Jameson, Henry, Hermitage, Roebuck  
 \* Jameson, James, Airfield, Donnybrook  
 \* Jameson, John, St. Marnock's, Malahide  
 \* Jameson, William, Montrose, Donnybrook  
 240 Jellett, Hewett Poole, Q.C., Upper Pembroke-street  
 Jellett, Rev. J. H., F.T.C.D., 64, Lower Leeson-street  
 Johnston, John B., 8, Clyde-road

- ✱ Johnston, Maziere, 2, Knapton-road, Kingstown
- Johnston, George, M.D., Rotundo
- 245 ✱ Jones, John, 6, Dawson-street
- Jones, John, 26, Blessington-street
- Jury, H.; 7, College-green
- Kane, John, 49, Lower Leeson-street
- ✱ Kane, Sir Robert, 21, Raglan-road
- 250 ✱ Kavanagh, Arthur, M.P., Borris House, Carlow
- Kelly, Denis H., 51, Upper Mount street
- Kelly, Thomas L., Lower Gardiner-street
- Kelly, Charles, Q.C., 34, Fitzwilliam-square
- Kelly, F. C., 89, Lower Gardiner-street
- 255 ✱ Kelly, Richard W., Cope-street
- Kelly, Thomas A., 5, Vesey-place, Kingstown
- ✱ Kennedy, Evory, M.D., Belgard, Clondalkin
- Kennedy, Henry, M.D., Rutland-square
- ✱ Kenny, Matthias, 3, Clifton-terrace, Monkstown
- 260 Kerr, Robert C., 17, Lower Baggot-street
- Kidd, George H., M.D., 30, Merrion-square south
- Killeen, Thomas, 19, St. Andrew-street
- Kinahan, George, Roebuck-hill, Dundrum
- Kinahan, Edward H., 11, Merrion-square, north
- 265 Kinahan, Thomas W., Abercorn-terrace
- ✱ King, Charles Croker, M.D., Belgrave-place, Cork
- Kirkpatrick, J. Rutherford, M.B., 4, Upper Merrion-st.
- Kirkpatrick, William H., Coolmine House, Castleknock
- Knox, Captain, Castle Lacken, Killala
- 270 ✱ Lacy, Miss Frances, Inchicore Lodge
- ✱ Lalor, John J., Monkstown
- ✱ Lalor, Mrs., Monkstown
- Lane, Hugh, J.P., 13, Mountjoy-square
- ✱ Larcom, Major-General Sir Thomas, K.C.B., Heathfield, Farnham, Hants
- 275 ✱ Latouche, J. W., 27, Bloomfield avenue
- Lawson, Right Hon. Mr. Justice, 27, Upper Fitzwilliam-street
- Lee, Robert C., 12, Upper Merrion-street

- Le Fanu, William R., 59, Fitzwilliam-square
- 280 \* Leinster, His Grace the Duke of, Carton, Maynooth  
Lentaigne, John, D.L., C.B., 1, Great Denmark-street  
Leslie, Rev. John, F.T.C.D., Trinity College
- \* Lisgar, Right Hon. Lord, The Castle, Bailieborough  
Little, James, M.D., 24, Lower Baggot-street  
Little, T. E., M.D., 42, Great Brunswick-street
- 285 Littledale, William F., 9, Ormond-quay  
Lloyd, Rev. Humphrey, D.D., Provost of Trinity  
College  
Lowe, Francis, 35, Colledge-green
- \* Lurgan, Right Hon. Lord, Brownlow House, Lurgan  
Lyle, James Acheson, 13, Pembroke-road
- 290 \* Lyons, Robert D., M.B., 8, Merrion-square, west  
Lyons, Henry F., 5, Fleet-street, and 3, Rathmines-  
road  
Lytle, Rev. Thomas, 54, Tritonville-road, Sandymount  
Macalister, Alexander, M.D., 15, Palmerston-road
- \* Macartney, J. W. Ellison, The Palace, Clogher, county  
Tyrone
- 295 Macau, Arthur V., M.B., Rotundo Hospital
- \* M'Crea, Edward D., 50, William-street  
M'Curdy, John, 7, Leinster-street  
M'Cullagh, Andrew, 25, Mountjoy-square  
MacDonnell, Alexander, C.E., Saint John's, Island-  
bridge
- 300 MacDonnell, John, M.D., Upper Fitzwilliam-street
- \* MacDonnell, James, 66, Lower Leeson-street  
\* MacDonnell, Robert, M.D., F.R.S., 14, Lower Pembroke-  
street  
MacDonnell, Luke, 4, Merrion-square, east  
MacDonnell, Randal, Ailesbury-road, Merrion
- 305 \* McComas, Archibald, Cliff Castle, Dalkey  
McDermott, Alfred, 43, Fitzwilliam-square  
M'Dougal, William, Carriekbrack, Howth
- \* M'Dowel, Benjamin George, M.D., 5, Merrion-sq., south  
Mackey, James Vokes, J.P., 19, Merrion-square, south

- 310 M'Kerlie, Colonel, Custom House  
 M'Nee, Rev. J. A., 79, Stephen's-green  
 MacSwiney, Stephen M., M.D., 1, Hume-street  
 \* Madden, Thomas Walter, Surgeon, 18, Westland-row  
 Madden, Thomas More, M.D., M.R.I.A., Cavendish-row,  
 Rutland-square
- 315 Mahaffy, Rev. John P., F.T.C.D., Trinity College  
 Mahony, Richard, D.L., Dromon Castle, Kenmare  
 Malley, G. O., Q.C., 26, Temple-street  
 \* Malone, Mrs. O'Connor, Bowenstown, Mullingar  
 Manly, Joseph, 43, Pembroke-road
- 320 Manders, Richard, Brackenstown House, Swords  
 \* Mapother, E. D., M.D., 18, Merrion-square, north  
 Martin, Charles, North-wall  
 Martin, James, North-wall  
 \* Martin, Richard, 7, Merrion-square, south
- 325 Martin, Thomas, North-wall  
 Mason, Thomas P., M.D., 92, Harcourt-street  
 Mathews, Jehu, 9, Lower Dominick-street  
 Maunsell, Henry, M.D., Parliament-street  
 May, George A. C., Q.C., 13, Fitzwilliam-square
- 330 Maxwell, William, Cruicerath, Cloughranhuddart  
 Meldon, Charles H., M.P., Newtown House, Blackrock,  
 and 25, Rutland-square  
 Millar, J. M., Monkstown  
 Millner, J. K., Cherbury, Blackrock  
 Mitchell, George, 20, Lower Sackville-street
- 335 Mollan, John, M.D., 60, Fitzwilliam-square  
 Molloy, Arthur, 3, Ruby-place, Kingstown  
 \* Molloy, Very Rev. Dr., Catholic University, St. Stephen's-  
 green, south  
 \* Molyneux, Sir Capel, Bart., Castle Dillon, Armagh  
 \* Monck, Right Hon. Viscount, Charleville, Bray
- 340 Monks, J. H., M.D., 31, Harcourt-street  
 \* Monteagle, Right Hon. Lord, Mount Trenchard, Foynes  
 Montgomery, Robert John, 50, Grosvenor-sq., Rathmines  
 Moore, M. J., M.D., 57, Amiens-street



- \* Moore, Robert H., F.R.C.S.I., 29, Upper Merrion-st.
- 345 \* Moore, Thomas J., Director Museum, Liverpool  
Moreton, Captain the Hon. A., Eastwood, Bagnalstown
- \* Morrogh, Leonard, 5, Great Denmark-street  
Moses, Marcus, Leeson-park  
Murland, James W., 25, Fitzwilliam-square
- 350 Murphy, Michael, 17, Eden-quay  
Murray, Herbert, H., Elgin House, Elgin-road  
Murray, J. Marshal, 24, College-green
- \* Napier, Right Hon. Sir Joseph, Bart., Merrion-square
- \* Neilson, James, 104, Middle Abbey-street
- 355 Nolar, Edward, 24, Nassau-street  
Nolan, Henry P., M.D., Lower Baggot-street  
Nolan, William, 24, Nassau-street  
Norman, Francis, 16, Granby-row  
Nugent, John, M.D., 14, Rutland-square
- 360 O'Brien, Hon. Mr. Justice, St. Stephen's-green
- \* O'Brien, Edward William, Cahirmoyle, Newcastle  
west  
O'Donnell, James, 37, Lower Leeson-street
- \* O'Ferrall, James, 3, Gresham-terrace, Kingstown  
Ogle, John, 59, Dawson-street
- 365 O'Hagan, John, Q.C., 22, Upper Fitzwilliam-street  
O'Hagan, Right Hon. Lord, 34, Rutland-square  
O'Leary, W. H., M.D., M.P., 38, York-street  
O'Neill, L. Gordon, Sandford park, Cullenswood
- \* O'Rorke, Hugh, 4, Breffni-terrace, Sandycove
- 370 \* Ormond, Most Hon. Marquess of, Kilkenny Castle  
Oldham, Eldred, 12, Westmoreland-street
- \* Palgrave, Charles, 17, Eden-quay  
Palmer, Sir Roger, Bart., Kenure Park, Rush
- \* Parker, Alexander, 46, Rathmines-terrace
- 375 Patterson, James, 20, Elgin-road  
Pattison, Henry, Druid Lodge, Loughlinstown
- \* Peebles, Robert W., 9, North Frederick-street
- \* Peebles, William E., 9, North Frederick-street
- \* Perceval, Charles, M.D., 5, Wilton-terrace

- 380 Perrin, Mark, Rutland-square  
 Perry, James, Dean's Grange, Monkstown  
 Pigot, D. R., Dundrum House, Dundrum  
 Pigot, J. E., Mrs., 14, Fitzwilliam-place  
 Pike, W. H., Pill-lane
- 385 Pim, Frederick W., 4 Richmond-hill, Monkstown  
 Pim, Richard, 4, Queen's-park, Monkstown  
 Pim, George, Brennanstown, Cabinteely  
 Pim, Henry, 62, Lower Baggot-street  
 Pim, Jonathan, William-street
- 390 Pim, Joseph Todhunter, Greenbank, Monkstown  
 Pim, Thomas, William-street  
 Pim, Thomas, jun., William-street  
 Pim, W. Harvey, William-street  
 Poole, Rev. Hewitt R., F.T.C.D., 15, Lower Fitzwilliam-street
- 395 \* Porter, George H., M.D., 3, Merrion-square, north  
 Power, Sir James, Bart., 27, Merrion-square, north  
 Power, Sir Alfred, K.C.B., 35, Raglan-road  
 \* Powerscourt, Right Honorable Viscount, Powerscourt, Enniskerry  
 Proud, Nicholas, Rostrevor-terrace, Rathgar
- 400 Quain, John, 85, Harcourt-street  
 Rathborne, H. B., Dunsink, Castleknock  
 \* Rathborne, John G., Dunsinea, Phoenix Park  
 Redmond, Alderman Philip, 11, Wexford-street  
 Reeves, Robert, 22, Upper Mount-street
- 405 Reside, William, 21, College-green  
 Rigby, John, 24, Suffolk-street  
 Ringland, John, M.D., 14, Harcourt-street  
 Roberts, S. U., C.E., 6, Burlington-road  
 Robertson, William, Fitzwilliam-square
- 410 Robinson, T. J., 21, College-green  
 Robinson, William Henry, 16, Vesey-place, Kingstown  
 \* Roe, Henry, Mount Anville Park, Dundrum  
 Roe, Mrs. G., Nutley, Donnybrook  
 \* Rowley, Captain Thomas Taylor

- 415 Russell, Edward, 12, Lansdowne-road  
 Ryan, T. E., 70, Abbey-street  
 Salmon, Rev. Dr., F.T.C.D., Wellington-road  
 \* Sandhurst, Lieut.-General Right Hon. Lord, G.C.B.,  
 Royal Hospital  
 Sanger, Thomas H., Belgrave-square, Monkstown
- 420 Savage, Mrs., 4, Fitzwilliam-place  
 Scott, Francis M., J.P., Island-bridge House  
 Scott, Robert D., Phœnix-hill, Island-bridge  
 \* Scriven, W. B., M.D., 33, St. Stephen's-green  
 Sewell, Edward, 60, Lower Mount-street
- 425 \* Shackleton, Joseph F., Anna Liffey Mills, Lucan  
 \* Shackleton, Abraham, Clonbrone, Temple-road, Rath-  
 mines  
 Shaw, Henry, 1, Waterloo-road  
 \* Shirley, Evelyn J., D.L., Carrickmacross  
 Sinclair, Edward B., M.D., 45, Upper Sackville-street
- 430 \* Sligo, Most Hon. the Marquess of, Westport House,  
 Westport  
 \* Smith, Aquilla, M.D., 121, Lower Baggot-street  
 \* Smith, R. Sainthill, 121, Lower Baggot-street  
 \* Smith, Walter G., M.D., 34, Lower Baggot-street  
 \* Smyth, Edward Webber, 7, St. Stephen's-green
- 435 \* Smyth, Robert William, 3, Seaview-terrace, Donnybrook  
 Smyley, P. Crampton, M.D., 4, Merrion-square, north  
 Smyth, George, 81, Pembroke-road  
 \* Southwell, Right Hon. Viscount, Killiney Castle,  
 Killiney  
 \* Speedy, A. Ormsby, M.D., 28, North Frederick-street
- 440 \* Spottiswode, Lieutenant-Colonel A.  
 Stapleton, Edward, 75, Lower Mount-street, and 28,  
 College-green  
 \* Staunton, C. F., M.D., Salisbury  
 \* Stewart, Henry H., M.D., Lucan  
 \* Stewart, Alexander J. R., D.L., J.P., Ards House, Co.  
 Donegal
- 445 Stephens, H. C., 26, Rathmines road  
 Stoker, E. A., M.B., 49, Rutland-square, west

- ✱ Stoker, William Thornley, M.D., 16, Harcourt-street
- ✱ Stokes, F., J.P., Belgrave House, Monkstown
- ✱ Stokes, William, M.D., 3, Clare-street
- ✱ Stoney, Bindon, C.E., 42, Wellington-road
- 450 Stoney, Loftie, M.D., 89, Lower Baggot-street
- Sullivan, E., Right Hon., the Master of the Rolls,  
Fitzwilliam-place
- ✱ Sullivan, W. K., Queen's College, Cork
- Swanzy, H. R., 16, Upper Mount-street
- 455 Swanzy, John, 12, Waterloo-road
- Sweetman, Patrick, 23, Francis-street
- ✱ Sweetman, Walter, 4, Mountjoy-square, north
- Sykes, George, Dame-street
- ✱ Talbot de Malahide, Right Hon. Lord, The Castle,  
Malahide
- 460 Taylor, Thomas H., 36, Wellington-road
- ✱ Tickell, George, 18, Mary-street
- ✱ Tighe, The Right Hon. W. F., Woodstock, Innistogue
- ✱ Thom, Alexander, Middle Abbey-street
- ✱ Thompson, H. Yates
- 465 Thompson, Henry, 13, Fitzwilliam-place
- Thornton, Lieut-Colonel J. H., Granitefield House,  
Rochestown avenue, Kingstown
- Todd, Andrew, Clonliffe, Jones's-road
- Todhunter, Joseph, 3, College-green
- Todhunter, Joshua E., 116, Lower Baggot-street
- 470 ✱ Toole, Charles, 41, Westmoreland-street
- Toomey, Edward, Parkgate-street
- Torney, Thomas, M.D., 8, Blackhall-street
- Turbett, Robert E., 3, Bachelor's-walk
- Tweedy, Henry, M.D., 16, Rutland-square
- 475 ✱ Tyrrell, James, Kildare-street
- Vance, Thomas, 9, Bridge-street
- ✱ Vandeleur, Colonel C. Moore, Kilrush House,  
Kilrush
- ✱ Vigors, H. M.
- Wade, Robert, M.D., 208, Great Brunswick-street

- 480 \* Waldron, Laurence, D.L., 38, Rutland-square  
 Waller, Edmund W., Brewery, James's-gate, and 9,  
 Conyngham-road  
 Walpole, E., Windsor Lodge, Seafield avenue, Monks-  
 town  
 Walpole, George, 8, Suffolk-street
- \* Warren, Robert, J.P., 40, Rutland-square
- 485 Waterhouse, Samuel, 25, Dame-street  
 Watson, Henry Stewart, 13, Vesey-place, Kingstown  
 Wardell, John, Thomas-street  
 Weekes, Francis, 94, Grafton-street
- \* West, George Aug., Altadore, Blackrock
- 490 Westropp, W. H. Stackpoole, Lisdoonvarna
- \* White, Hon. Colonel, Woodlands, Clonsilla
- \* Whyte, William, George's-hill, Balbriggan
- \* Whitty, J. Irwin, LL.D., 94, Lower Baggot-street  
 Wigham, Henry, 33, Capel-street
- 495 Wigham, J. R., Albany House, Monkstown
- \* Williams, J. E., R.A.  
 Williams, R. P., 38, Dame-street  
 Wilson, George Orr, Dunardagh, Blackrock  
 Wilson, Henry, M.D., 29, Lower Baggot-street
- 500 \* Wilson John, 5, Durham Villas, Kensington, W.  
 Wilson, Joseph, D.L., 15, Upper Temple-street  
 Wilson, James, LL.B., 65, Fitzwilliam-square, north  
 Wilson, Thomas, 65, Fitzwilliam-square, north  
 Winstanley, James, 23, Park avenue, Sandymount
- 505 Wogan, R. S., Donaghmore Lodge, Ashbourne  
 Woodlock, Joseph, 42, Dame-street  
 Woodlock, T., 42, Dame-street  
 Woodlock, Very Rev. Dr., Catholic Univ., Stephen's-  
 green
- \* Woodlock, William, 1, Temple-street, upper
- 510 \* Woods, George, J.P., Milverton, Balbriggan
- \* Woods, H. Hamilton, J.P., Whitestone House, Bal-  
 briggan  
 Wright, E. P., Lansdowne-road
- \* Wright, Joseph, Edenvale, Conyngham-road

Wright, Edward, LL.D., 23, The Boltons, West  
Brompton

- 515 \* Wybrants, Robert, 47, Rutland-square  
Wynyard, Col. H. B., Hibernian School, Phœnix Park  
\* Yeates, Stephen, 2, Grafton-street

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## GARDEN SUBSCRIBERS.

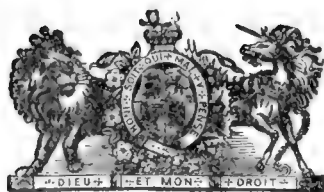
- Aitken, William, 106, Salem House, Rathmines  
Alison, Sir Archibald, K.C.B., Royal Hospital  
Anderson, Samuel Lee, 74, Lower Baggot-street  
Andrews, G., Williamstown Castle, Blackrock  
5 Armstrong, Richard, First Sergeant-at-law, 32, Stephen's-  
green  
Arundell, Richard W., 3, Lochlomond, Circular-road  
Atkinson, Richard William, Coldblow house, Donnybrook  
Bayley, Captain, D.L., Rockwood, Athleague, Roscommon  
Bailey, Elisha, 11, George's-hill  
10 Barrington, Frederick, Ringsend Foundry  
Beach, Rev. Canon, 5, Belfast-terrace  
Beare, G. H., 7, Conyngham-road  
Billington, Major G., 6th Dragoon Guards, 5, Prince  
Patrick-terrace. N.C.R.  
Blood, Neptune Edward, 19, Sherrard-street  
15 Boyd, Walter, LL.D., 22, Merrion-square, south  
Browne, Valentine, 24, Harcourt-street  
Burke, Captain John, Belleville House, Ashtown,  
Phœnix Park  
Bury, William, 9, Mountjoy-square, north  
Clibborn, James, Woodville, Sandford-road  
20 Connolly, Albert, 5, Prince Patrick-terrace, North Circu-  
lar-road, Aughrim-street  
Cotton, Charles, Imperial Hotel, Cork  
Courtenay, Mrs. Mary, 7, Upper Gloucester-st.  
Courtney, John R., 44, Haddington-road  
Crawford, John C., 108, Pembroke-road  
25 Crawford, Robert, 5, St. John's-terrace, N. C. road

- Donnelly, Joseph, Everton, Cabra  
 Drew, Edwin, Surgeon-General, Hospital, Phoenix-park  
 Duncan, Captain, Commandant R.I.C., Phoenix-park  
 Dunphy, Thomas, 161, Phibsborough-road  
 30 Franklin, William, 12, Conyngham-road  
 Frazer, John F., 4, Eblana-terrace  
 Gamble, R. Wilson, 51, Fitzwilliam-square  
 Garland, Edward, 9, Belfast-terrace  
 Gibson, Edward, Q.C., M.P., 23, Fitzwilliam-square  
 35 Goodbody, Robert, Raglan-road  
 Haffield, Arthur, 3, Madras-terrace, Ranelagh  
 Hansom, Mrs., 6, Spencer-terrace, new Kilmainham  
 Hardinge, William H., Woodlands, Monkstown  
 Hartrick, Mrs., 2, Cambridge-terrace, Leeson-park  
 40 Haughton, Wilfred, 15, Northumberland-road  
 Haughton, Mrs., 30, Hardwicke-street  
 Hopkins, Nicholas, 80, Grafton street  
 Hume, Arthur, 63, Dawson-street  
 Hurford, John, 8, Besborough-terrace, N. Circular-road  
 45 Johnston, Dr., 4, Belfast-terrace, North Circular-road  
 Jordon, Colonel Joseph, 34th Regiment  
 Journeaux, Benjamin, 2, St. John's-terrace, N. C. road  
 Kennedy, John, 11, Merrion-row  
 Lawless, Edmund, M D., St. Patrick's Hospital  
 50 Leishman, Miss, 50, Rutland-square  
 Lube, Wm. Francis, 30, Mountjoy-square  
 M'Cann, Mrs., 43, Montpelier-hill  
 MacDowell, William, 13, Corrig-avenue, Kingstown  
 Maher, John, 11, Russell-street  
 55 Martelli, Charles, Monte Video, Bray  
 M'Garry, Patrick, Ashtown House, Phoenix-park  
 M'Gill, Capt. and Adjutant, Royal Hospital  
 MacIvers, James, 27, Middle Gardiner street  
 MacNeill, Rev. J. G. S., 14, Blackhall-street  
 60 M'Neight, H. G., 1, Lorne-terrace, North Circular road  
 Meath, Right Hon. Earl of, Killruddery, Bray  
 Meldon, James D., 24, Merrion-square, north  
 Millea, Edward, 25, Parkgate-street

- Montgomery, Capt. Robert J., Hollybank, Drumcondra
- 65 Morris, Hon. Mr. Justice, 22, Lower Fitzwilliam-st.  
Morrison, Henry, 17, Westmoreland-street  
Murphy, Michael, Parkgate-street  
Nash, Francis Herbert, A.M., 9, Synnot-place  
Nedley, Thomas, M.D., Cavendish-row
- 70 Nevin, Mrs., St. Andrew's, Claremont-road, Sandy-  
mount  
Newman, Miss, 61, Lower Baggot-street  
O'Brien, Timothy, Ailesbury House, Merrion  
O'Grady, Richard, M.D., Friendly Brothers' Club  
O'Keefe, Edward, 3, Mill-street
- 75 Orpen, John H., LL.D., 58, St. Stephen's green, east  
O'Shaughnessy, Michael, jun., 81, Harcourt street  
O'Sullivan, M. D., Victoria-terrace, Kingstown  
Pakenham, William S., 8, Ely-place  
Perrin, Richard, 50, Lower Sackville-street
- 80 Primrose, Colonel James M., Deputy-Assistant Adjutant-  
General, Royal Hospital  
Robinson, John, 3, Wilton-place  
Smith, Thomas, 148, Capel-street, and Cremorne House,  
Terenure-road  
Smith, Mrs., 3, Cabra-terrace  
Speedy, Colonel, Royal Hibernian School, Phoenix Park
- 85 Symms, Wm., 34, Mountjoy-square, south  
Thorburn, John, 8, Wodehouse-terrace, North Circular-  
road  
Turner, Wm., Hammersmith Works, Ball's Bridge  
Turner, Geo. D., 46, Morehampton-terrace, Donnybrook  
Tweedy, John J., 29, North Frederick-street
- 90 Vincent, Mrs., Wasdale, Rathfarnham-road  
Walker, John, Chapelizod  
Walker, Joseph, Royal Bank, 14, Corn Market  
Watson, Wm., 5, Lower Sackville-street  
Weir, James, Blackrock
- 95 Warren, Frederick, M.D., Steevens' Hospital  
Wogan, James J., 51 & 52, North King-street  
Yeo, Henry, M.B., 27, Upper Merrion-street



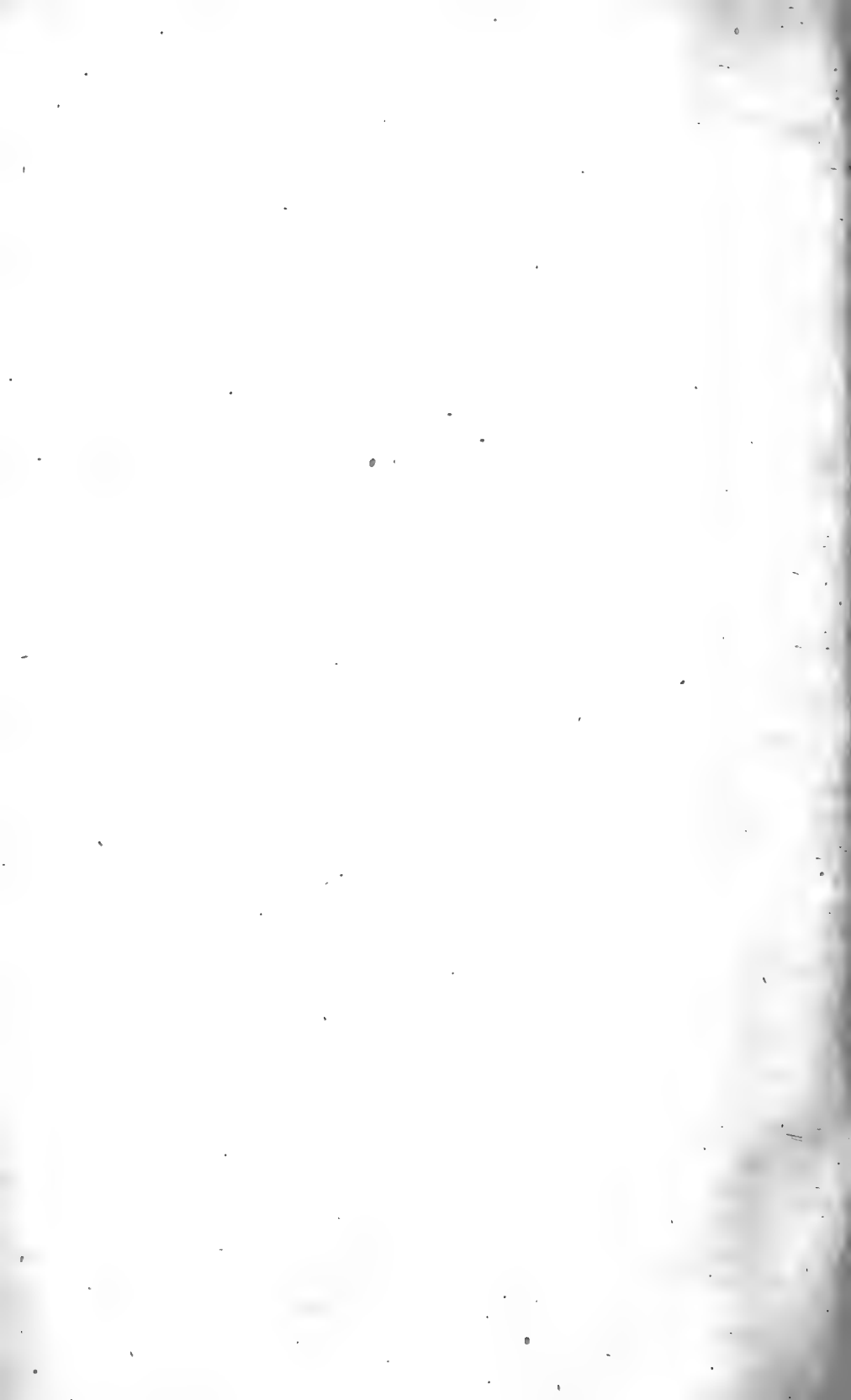




The Forty-fourth  
ANNUAL REPORT  
OF  
The Royal Zoological Society  
OF IRELAND,  
FOR THE YEAR ENDED 31<sup>ST</sup> DECEMBER, 1875.



DUBLIN:  
BROWNE & NOLAN, PRINTERS, NASSAU-STREET.  
1876.



# OFFICERS AND COUNCIL, 11th JANUARY, 1876.

~~~~~  
*PATRONESS.*

HER MAJESTY THE QUEEN.

*Ex-Presidents.*

HIS GRACE THE DUKE OF LEINSTER.  
LORD TALBOT DE MALAHIDE.  
SIR DOMINIC CORRIGAN, BART., M.D.  
VISCOUNT POWERSCOURT.  
EARL SPENCER, K.G.

*President.*

J. W. MURLAND, M.A.

*Vice-Presidents.*

BALL, ROBERT S., LL.D.  
HAYES, MAJOR.  
LEFANU, W. R., Esq.  
LENTAIGNE, J., C.B.  
MACDONNELL, ROBERT, M.D.

*Secretary.*

HAUGHTON, REV. S., M.D., D.C.L.

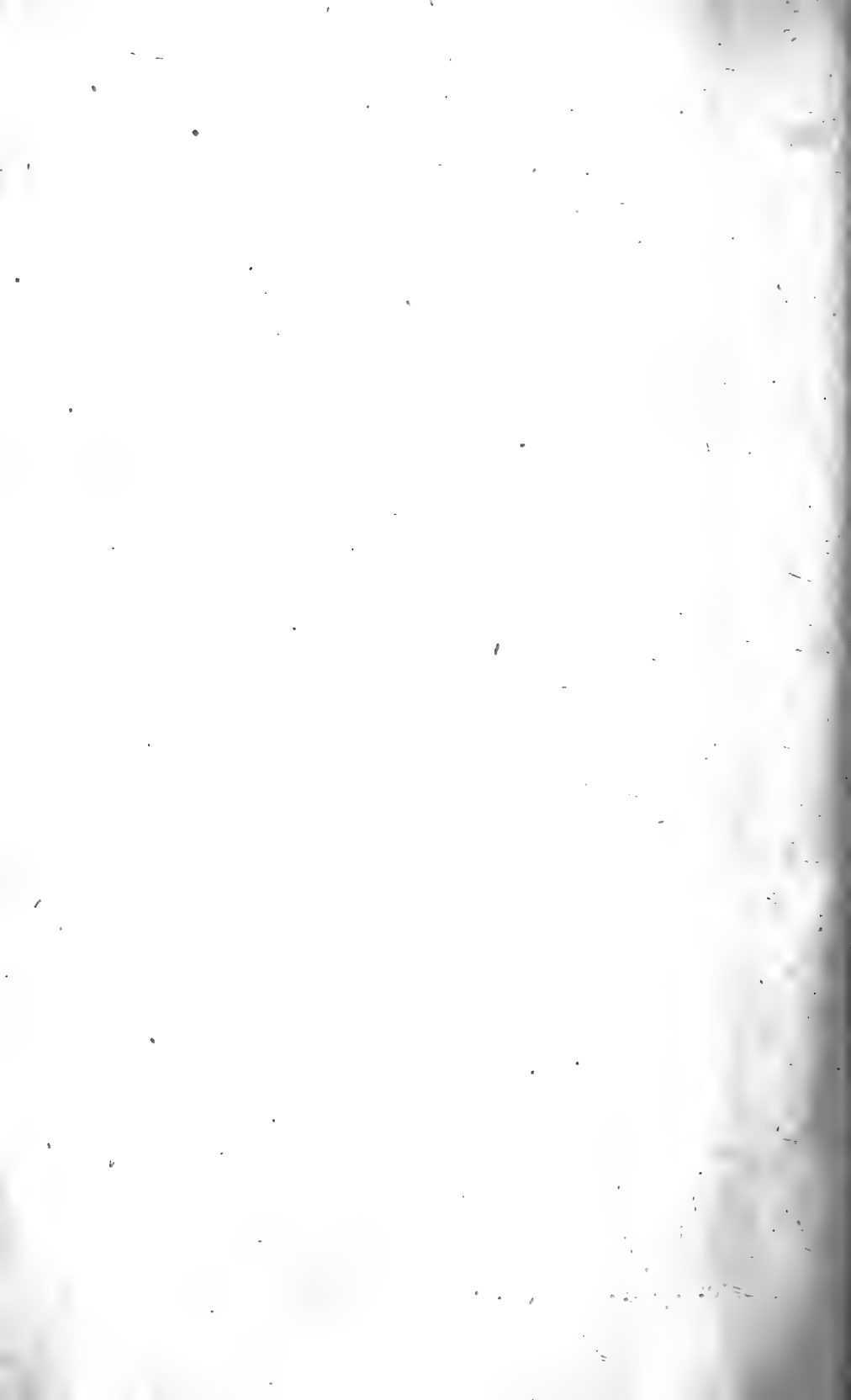
*Treasurer:*

HUTTON, T. MAXWELL, Esq., J.P.

*Council.*

BANKS, J. T., M.D.  
BARTON, H. M., Esq.  
CARTE, WILLIAM, J.P.  
ELRINGTON, J. FAVIERE, Q.C.  
FINDLATER, WILLIAM, Esq.  
GALBRAITH, REV. J. A., F.T.C.D.  
GORDON, S., M.B.  
LALOR, J. J., Esq.  
MACALISTER, A., M.B.  
MACDONNELL, ALEXANDER, C.E.  
MAPOTHER, E. D., M.D.  
PIM, J. TODHUNTER, Esq.  
REEVES, ROBERT, Esq.  
ROBERTS, S. U., Esq.  
SCOTT, F. M., J.P.

R. J. MONTGOMERY, *Assistant Secretary.*



# Laws and Regulations

OF

## THE ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

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### CHAPTER I.—THE CONSTITUTION.

1. The Society consists of Ordinary Members and Honorary Members.

2. The Officers shall be chosen from amongst the Ordinary Members, and shall be—

A President,  
Five Vice-Presidents,  
A Secretary, and  
A Treasurer,

who, together with fifteen other Ordinary Members of the Society, shall constitute the Council.

3. The Officers and Council for each year shall be elected at the Annual General Meeting of the Members of the Society.

4. But in case any Officer, or other Member of the Council, shall die or resign, the Council may appoint a Member to supply his place until the next Annual Meeting.

### CHAPTER II.—THE MEMBERS.

1. Every person wishing to become a Member of the Society must be proposed in writing to the Council by one Member of Council, and seconded by another; and upon election and payment of his admission fee, such person shall be a Member of the Society.

2. But he shall not exercise the privileges of a Member until his first year's Subscription is paid in advance.

3. The Admission Fee shall be *One Pound*, the Annual Subscription *One Pound*, and the Composition for life in lieu thereof, *Ten Pounds*.

4. The Annual Subscription shall be due on the first of January in each year, and shall be payable in advance.

5. If the Subscription of any Member is not paid within one year after it is due, he shall cease to be a Member until he shall have paid up his arrears.

6. No person becoming a Member after the first day of October in any year, shall be liable for the Subscription for that year.

7. No person shall exercise the privilege of a Member until he shall have paid his Subscription for the current year.

8. Ladies may be admitted as Members upon the same terms, and with the same privileges, as gentlemen.

9. Members of the Society, Wives of Members, and Children of Members, while resident with their parents, shall have the privilege of free admission to the Gardens, on their names and addresses being inserted in the Admission Book; and, in the case of children of Members under twelve years of age, the name of the person in charge of them being also signed.

#### CHAPTER III.—HONORARY MEMBERS.

1. Distinguished persons may be elected Honorary Members without annual or other payment, by a vote of the Society, at any of its Meetings, upon the previous recommendation of the Council.

2. Honorary Members shall have the same privileges as other Members, except that of voting at the Meetings.

3. The number of Honorary Members shall be limited to twenty.

#### CHAPTER IV.—THE OFFICERS.

##### *The President.*

1. The President shall preside at all Meetings of the Society and Council, when present, and shall generally superintend the affairs of the Society.

2. The same person shall not be President for more than five successive years.

3. Ex-Presidents shall continue to be Honorary Members of Council.

*Vice-Presidents.*

1. Of the five Vice-Presidents, two at least shall go out at each election, but this shall not prevent their continuing Members of Council in another capacity.

2. The Vice-Presidents shall supply the place of the President in his absence.

*The Secretary.*

It shall be the duty of the Secretary to see to the execution of the rules, orders, and directions of the Society and Council.

*The Treasurer.*

No money shall be paid by the Treasurer, except upon the written order of the Council, signed by at least three of its Members.

CHAPTER V.—THE COUNCIL.

1. Three Members shall form a Quorum.

2. The Council shall meet at such times as they themselves shall determine.

3. It shall be the duty of the Council to conduct the business of the Society, subject to the laws and regulations of the Society at large.

4. All questions shall be decided by the majority of voices ; and where the numbers are equal, the Chairman shall have a casting voice ; but he shall not vote except in such case.

5. The Council may summon a Meeting of the Society for scientific purposes whenever they think fit, stating the object of such Meeting ; and at such meeting no business but that stated in the notice shall be discussed.

6. At least three of the Council shall go out at each election.

7. No Member of the Society having any contract with the

Society or Council for which payment is to be made, shall be eligible to a seat in the Council in any capacity; and if the name of any Member of the Society having a contract with the Society, or receiving any fee or emolument from the Society, shall be found in the ballot, that name shall be set aside by the Chairman, notwithstanding any number of votes that may be appended to it; and if any Member or Officer of the Council enter into any contract with the Society, or receive from it any fee, payment, or emolument, his seat shall become, *ipso facto*, vacant in the Council, and the Council shall immediately summon a Meeting of the Society to elect a Member to the vacant place.

#### CHAPTER VI.—THE ANNUAL MEETING.

The Annual Meeting shall be held on the second Tuesday in January in each year, for the purpose of electing the Council and Officers for the ensuing year, and of hearing the Report of the Council read, and auditing the accounts.

##### *Election of Officers.*

1. The Council for the time being shall annually cause to be prepared a list of persons whom they recommend to be Officers and Council for the ensuing year.

2. The list shall distinguish the three or more Members proposed to be removed, and the three or more proposed to be elected in their room, and it shall be transmitted to each Member residing in Dublin, by post, along with the notice of the time and place of the General Meeting, to be sent at least seven days before the day of meeting.

3. The Chair shall be taken at four o'clock, when the ballot shall commence, and continue open for one hour, at the expiration of which time the Chairman shall proclaim that the time had arrived when the ballot should close, and order the porter not to admit any other Members into the room, and then the Chairman shall call on the Members in the room who have not balloted, to come forward and ballot, and the scrutiny shall forthwith take place; and those persons to whose names the



greater number of marks shall have been affixed, shall be declared duly elected, in the order and places in which they stand, provided at least three new Members be elected, but if not, then those of the proposed Members who have the least number of marks shall be rejected, until at least three former Members are excluded, and their places shall be filled by those who have the next greatest number of marks.

4. If two or more names have the same number of marks, the order of preference shall be decided by lot.

#### *General Business.*

1. No motion respecting a change in the laws or constitution of the Society shall be discussed or voted upon at the Annual or other Meeting, except as hereafter provided, unless notice thereof be given in writing to the Council, at least one month before such Meeting; the Council to give seven days' notice to the Members, as before ordered.

2. But the Council may propose, and bring to the vote, any measure or question, at any of the Meetings of the Society, provided it shall have been under their consideration for at least one month, and that notice thereof be given to the Members in the circular notice of such Meeting, at least seven days previous to the day of Meeting.

#### CHAPTER VII.—THE GARDENS.

1. Any person enrolling his name in a book kept at the gate of the Gardens, and paying One Pound a year, shall be a Subscriber, and shall have the same privileges of ingress to the Gardens as a Member of the Society.

2. The Council shall have the power of suspending all rights of free entrance to the Gardens upon the day of a public fête, or similar occasion, when such shall be given for the benefit of the Society.

3. During frost, the Council shall have power to suspend all privileges of Members and Garden Subscribers, except that of personal admission.

4. The Council shall have power from time to time to vary, as may seem fit to them, the rates of admission to non-subscribers.



# ROYAL ZOOLOGICAL SOCIETY

## OF IRELAND.

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THE Forty-fourth Annual Meeting of the ROYAL ZOOLOGICAL SOCIETY OF IRELAND was held in the College of Physicians, on Tuesday, 11th January, 1876.

MR. J. W. MURLAND, PRESIDENT,  
IN THE CHAIR.

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## REPORT OF COUNCIL.

During the year 1875 the numbers of visitors to the Gardens, and the receipts at the entrance gate, were as follows :—

1. Members	...	6,118			
2. Public Institutions	...	3,351			
3. Visitors on Tickets	...	326			
4. Visitors at One Shilling	...	16,854	...	£842 14	0
5. Visitors at Sixpence	...	3,688	...	92 4	0
6. Schools at Threepence	...	303	...	3 15	9
7. Visitors at Twopence	...	60,466	...	503 17	8
8. Visitors at One Penny	...	13,839	...	57 13	3
<hr style="width: 50%; margin: 0 auto;"/>					
Total Admissions	...	104,945	...	£1,500 4	8

During the preceding year (1874) the corresponding numbers and receipts were as follows:—

1. Members	...	7,245		
2. Public Institutions	...	3,811		
3. Visitors on Tickets	...	407		
4. Visitors at One Shilling	...	16,677	...	£833 17 0
5. Visitors at Sixpence	...	4,278	...	106 19 0
6. Schools at Threepence	...	360	...	4 10 0
7. Visitors at Twopence	...	42,235	...	351 19 2
8. Visitors at One Penny	...	34,910	...	145 9 2
				<hr/>
Total Admissions	...	109,923	...	£1,442 14 4

The total numbers of visitors and receipts at gate during the past ten years were as follows:—

Year.	Visitors.	Receipts.
1866	111,789	£778 10 10
1867	125,010	1,006 19 1
1868	127,900	938 18 6
1869	136,052	1,046 8 4
1870	151,785	1,359 16 6
1871	167,692	1,352 0 5
1872	147,184	1,502 9 10
1873	147,762	1,450 4 3
1874	109,923	1,442 14 4
1875	104,945	1,500 4 8

During the corresponding years the total receipts from Entrance Fees and Subscriptions were as follows:—

Year.	Entrance Fees and Subscriptions.	
1866	...	432
1867	...	291
1868	...	343
1869	...	369
1870	...	378
1871	...	435
1872	...	496
1873	...	404
1874	...	610
1875	...	429

The stock of animals in the Gardens during the past seven years was as follows :—

Year.	Mammals.	Birds.	Reptiles.	Total.
1869	143	219	25	387
1870	182	222	22	426
1871	173	245	30	448
1872	174	220	9	403
1873	153	216	12	381
1874	152	240	4	396
1875	136	237	9	382

The sums expended in the purchase of animals during the past ten years were as follows :—

Year.				£	s.	d.
1866	...	...	...	73	19	7
1867	...	...	...	404	7	6
1868	...	...	...	145	16	3
1869	...	...	...	294	19	3
1870	...	...	...	435	6	6
1871	...	...	...	351	13	8
1872	...	...	...	416	6	11
1873	...	...	...	143	0	0
1874	...	...	...	234	18	9
1875	...	...	...	107	6	4

The promenades of May, June, and July were continued in 1875; the day being changed from Thursday to Saturday.

The numbers of members and visitors on the promenade days of each year were as follows :—

Year.	Members.	Visitors.	Total.	Receipts.
1869	902	2,946	3,848	£73 13 10
1870	986	3,633	4,619	88 3 6
1871	2,030	4,193	6,223	104 16 6
1872	1,488	2,710	4,198	135 10 0
1873	1,738	2,075	3,813	99 5 0
1874	1,814	1,741	3,555	86 2 6
1875	1,390	1,572	2,962	78 12 0

During the past year, 21 live horses, 173 dead cattle, and 36 dead pigs and sheep, were presented to the Society for the use of the animals.

The experiment of charging two pence to adults visiting the Gardens, instead of one penny, as heretofore, which was commenced in 1874, was continued during the last year, with the satisfactory result of adding a considerable sum to the income of the Society.

In consequence of the rise in price of all the articles of food used in the Gardens, it became necessary to secure a permanent addition to the yearly income of the Society; leaving the precarious resources of special subscriptions to supply the occasional wants of the Gardens for buildings and purchase of animals.

This permanent addition to the income of the Society has been attained by doubling the price of admission for adults only, both on Week Days and Sundays. The receipts from Sunday admissions, during the past ten years, have been—

Year.				£	s.	d.
1866	...	...	..	378	19	10
1867	...	...	...	396	8	1
1868	...	...	...	417	5	6
1869	...	...	...	431	15	4
1870	...	...	...	472	6	6
1871	...	...	...	515	1	5
1872	...	...	...	471	14	7
1873	...	...	...	476	1	3
1874	...	..	...	497	8	4
1875	...	...	..	553	4	7

The Elephant Compound, built in front of the Giraffe House, has been completed, and forms a permanent and valuable addition to the resources of the Gardens, as an enclosure for the use of any of the large Pachyderms.

During the course of the year, the Gardens sustained a heavy loss in the death of the beautiful Lioness, familiarly called "Old Girl," by her friends and admirers. She was born in the Gardens, of South African stock, on the 8th September, 1859, and died on the 7th October, 1875, after six weeks of prostration from chronic bronchitis. During her long and honoured career, she presented the Gardens with fifty-four cubs, of which she actually reared fifty, losing only four. This is a feat unprecedented in the history of Menageries and Gardens. She was a Lioness of very high spirit, although very gentle, and was admitted by judges to be the handsomest Lioness they had ever seen. It may be added, that her offspring, not only added to the attractions of the Gardens, but that the judicious sale of a portion of them, brought £1,400, in cash, for the benefit of the Society. The closing weeks of her useful life, were marked by a touching incident worthy of being recorded. The large Cats, or Carnivores, when in health, have no objection to the presence of rats in their Cages, on the contrary, they rather welcome them, as a relief to the monotony of existence which constitutes the chief trial of a wild animal in

confinement. Thus, it is a common sight to see half a dozen rats gnawing the bones off which the Lions have dined, while the satisfied Carnivores look on contentedly, giving the poor rats an occasional wink with their sleepy eyes. In illness the case is different, for the ungrateful rats begin to nibble the toes of the Lord of the Forest before his death, and add considerably to his discomfort. To save our Lioness from this annoyance, we placed in her cage a fine little Rat Tan Terrier, who was at first received with a sulky growl; but when the first rat appeared, and the Lioness saw the little Terrier toss him into the air, catching him with professional skill across the loins with a snap as he came down, she began to understand what the Terrier was for; she coaxed him to her side, folded her paw around him, and each night the little Terrier slept at the breast of the Lioness enfolded with her paws, and watching that his natural enemies did not disturb the rest of his mistress. The rats had a bad time during those six weeks.

Owing to the liberality of the authorities of Trinity College, an opportunity was afforded the Visitors of the Gardens, during the past year, of seeing a most interesting animal. It was the Klipdas of the Cape of Good Hope, which is very closely allied to the Shaphan, or Rock Coney, of Holy Scripture. This specimen was purchased for the Museum of Trinity College, and during life was exhibited in the Zoological Gardens. The



celebrated Cuvier first pointed out the singular position of this little animal, which was formerly believed to be rodent (allied to the rabbit), but which is now known to possess for its nearest relatives the Tapir, Hippopotamus, and Rhinoceros. Professor Marsh, of Yale College, has recently discovered in the Rocky Mountains, fossil remains of pachydermatous animals, of great size, closely allied to the Klipdas, or Shaphan. The Klipdas is not much larger than a rabbit, and (unfortunately for itself) is considered a great delicacy when properly cooked. It lives in caves of mountainous districts, such as Table Mount, at the Cape of Good Hope, or the hill country of Judea. It is also found in Abyssinia among rocky caves, and is there called *Ashkoko*, from the long hedgehog like hairs that grow along its back, which in Amhara are called "ashkok." Its modern name in Palestine and Arabia is "gamu Israel," or sheep of Israel. The Hebrew name of this remarkable little animal, *Shaphan*, signifies the "hider," and implies cunning. The Shaphan is mentioned four times in Holy Scripture, and is called in the authorised version *Coney* (rabbit). The Septuagint translators in all four places used the word "chærogryllus," which implies a sort of grunting pig, and shows that they had a dim notion of its zoological peculiarities. St. Jerome also states that the Shaphan is somewhat larger than a hedgehog, and that it resembled both a mouse and a bear (probably from its feet, which have four round soft toes on the front, and three toes

on the hind). In the Vulgate the word *Shaphan* is variously translated “chœrogryllus,” “erinaeus” (hedgehog), “cuniculus” (coney), “lepusculus” (little hare). The Jews are not allowed to eat the Shaphan. “And the Shaphan, because he cheweth the cud, but divideth not the hoof, he is unclean to you.”—Levit. xi., 5, repeated in Deut. xiv., 7. “The high hills are a refuge for the wild goats and the rocks for the Shaphan.”—Ps. civ., 18. The cunning of the Shaphan is alluded to by Agur, the son of Jakeh, as follows:—“there be four things which are little upon the earth, but they are exceeding wise. The Shaphan are a feeble folk, yet make *they* their houses in the rocks.” Prov. xxx., 24, 26. The other cunning animals named by Agur are the Ant, the Locust, and the Spider. The molar teeth of the Klipdas resemble those of the Rhinoceros; there are two strong incisors, without recurved roots, in the upper jaw and two canines in youth; and there are four incisors in the lower jaw, two of which are prominent and horizontal; the body is covered with thick hair, with hedgehog bristles here and there; the tail is represented by a little tubercle; and there are six teats, two pectoral, and four ventral. Bruce says that in Abyssinia they live in airy caverns and holes in the rocks; that they are gregarious, and that frequently several dozen of them sit upon large stones at the entrance of their caves, warming themselves in the sun, and coming out to enjoy the freshness

of a summer's evening. They do not stand upright upon their feet, but seem to steal along as in fear, their belly being nearly close to the ground, advancing a few steps at a time, and then pausing. They have something very mild, feeble-like, and timid in their deportment, are gentle and easily tamed, though when roughly handled at first they bite severely. The eyes of the Klipdas are so bright that they assist the aim of the Cape sportsmen in the dusk of the evening. It is said by *gourmets* that Providence made one mistake in the creation of the world in not making the Snipe as large as a Swan; if the Cape cooks be right, the Klipdas should have been as large as his cousin, the Rhinoceros.

The most remarkable additions to the Gardens, during the year, were the following:—a fine young Tiger, presented by General Montgomery, a fine Male Red Kangaroo, and the following animals born in the Gardens:—1 Stanley Musk Deer Fawn, 1 Sambur Fawn, 2 Llamas, 4 Wolves, Red Deer Fawn, Guanacco.

# BALANCE SHEET, 31st DECEMBER, 1875.

INCOME.	£	s.	d.	EXPENDITURE.	£	s.	d.
ADMISSION TO GARDENS—							
Members ..	6,118			Due to Bank from last Account ..		61	7 6
Public Institutions ..	3,351			Purchase of Fish for Aquarium ..		6	0 2
Visitors' Tickets ..	326			Animals ..		102	10 6
" at 1s. ..	16,854	14	0	Provisions for Animals ..		1,071	11 7
" at 6d. ..	3,688	92	4 0	Incidentals, including Printing, Advertisements, Men's Clothing, &c. ..		240	13 2
Schools at 3d. ..	393	3	15 9	Coal and Coke ..		73	7 6
Visitors at 2d. ..	60,466	503	17 8	Salaries and Wages ..		771	12 2
" at 1d. ..	13,839	57	13 3	Buildings and Plantations ..		243	14 1
Total Admission ..	104,915			Water Rent, per Meter ..		37	17 6
Books of Admission Tickets ..				Cost of Promenades ..		45	19 6
Government Grant ..				Fire Insurance ..		1	1 0
Members' Subscriptions ..							
Donations ..							
Animals sold ..							
Incidentals ..							
Balance due to Bank ..							
per Bank Book ..	163	1	1				
Amount of Cheques ..							
not yet gone in ..	5	7	8				
Cash in hands ..	168	8	9				
	8	0	0				
	160	8	9				
	42,655	14	8				
	42,655	14	8				

I certify that I have examined this account, compared the several items therein, and find the same correct, and the balance due by the Society to be £160 8s. 9d.

20th January, 1876.  
J. J. LALOR.

APPENDIX II.

RETURN OF ANIMALS PRESENTED

TO THE

Royal Zoological Society of Ireland,

DURING THE YEAR 1875.

1875.	ANIMALS, ETC.	BY WHOM PRESENTED.
Jan. 1st	1 Bonnet Monkey,	C. Chambers, Esq., 40, Grosvenor road.
„ 2nd	1 Bonnet Monkey,	Dr. Brereton, Fairfield, Herbert-road. Sandymount.
„ „	1 Chameleon,	Dr. Mapother, 18, Merrion-square north.
„ 19th	1 Bittern,	Miss Reeves, Tramore, Douglas, Cork.
„ 29th	1 Guan,	Wm. Corbet, Esq., Castleconnell.
Feb. 9th	1 Moor Harrier,	Captain Scarlett, Castlegar, Ahascragh.
„ 26th	1 Male Tiger,	General G. S. Montgomery, C.S.I.H.M. Indian Army.
Mar. 6th	1 Red Hind,	Earl of Kenmare.
„ 17th	1 Japanese Hind,	Viscount Powerscourt.
„ 31st	1 Peregrine Falcon.	G. W. Hatchell, Esq., Westport.
Ap. 2nd	1 Badger,	Robert E. Reeves, Esq., Cappard, Queen's County.
„ 19th	1 Otter,	Albert Courtnay, Esq., Manager, Provincial Bank, Clogheen.
„ 21st	1 Pair Zebra Parrakeets,	} Mr. Edward O'Keefe, Mill street.
„ „	2 Pair African Love Birds,	
„ „	1 Saffron Finch,	
„ 22nd	2 Siskins, 1 Bullfinch,	Mr. Thomas Hanna, Rehoboth Reformatory.

1875.	ANIMALS, ETC.	BY WHOM PRESENTED.
Ap.24th	1 Pheasant,	F. R. Maunsell, Esq., 35, Lower Ormond-quay.
„ 29th	1 Emeu, 1 Opossum,	Harry Seton West, Esq., Loughlinstown.
May13th	2 Green Winged Doves,	— Ayles, R. N., Paymaster.
„ „	1 Mongoos, 1 Jackal, )	Rev. John Mac G. Ward, R.N.
„ „	1 Lesser Kestrel, )	
„ 19th	1 Grouse, 1 Californian, and 2 Rain Quails,	W. Corbet, Esq., Castleconnell.
„ „	4 Magpies,	C. O'Farrell, Esq., Dalystown
„ 26th	1 Woodcock,	J. Luard Pattison, Esq., Clandeboye.
June7th	Cinnamon Finch,	Miss Haughton, 30, Hardwicke-street.
„ 15th	1 Hare,	Mr. Thomas Hanna, Rehoboth Reformatory.
„ 21st	1 Pair Black-winged Pea Fowl,	R. W. Boyle, Esq., Milltown House.
„ 22nd	1 Badger,	Hon. A. L. G. Canning, Rostrevor.
„ 24th	1 Wood Pigeon,	Mr. Conroy, 3, Sterling-street.
July2nd	1 Alligator,	Dr. Forrest, 13, Clare-street.
„ 7th	3 Persian Cats,	Mrs. Stewart, Leighlinbridge.
„ 9th	8 Hedgehogs (old and young).	Master Dunne, Phœnix-park.
„ 17th	1 Hedgehog,	Wm. North, Royal Hibernian Military School, Phœnix-park.
„ 20th	1 Horned Lizard from Texas,	W. J. Dillon, Esq., 4, Lr. Jervis-street.
„ „	1 Hare,	William M'Dermott, Esq., 64, Great Britain-street.
July 21	5 Kingfishers,	J. F. Shackleton, Esq., Anna Liffey House, Lucan.
„ „	35 White Rats,	C. H. Bourne, Esq., Sth. Dublin Union.
„ „	1 Cuckoo,	W. M'Dermott, Esq., 64, Great Britain street.
„ 23	5 Horned Lizards from Texas,	Stephen Eaton, Esq., Mount Salus, Dalkey.
„ 30	1 Rhesus Monkey,	Charles Gray, Esq., R.H.A., 4, Lower Gardiner-street.
Aug. 3	2 Egret Monkeys,	Masters Boyd, 53, Mountjoy-square.
„ 8	3 Common Toads,	Master R. W. Penrose.
„ 11	1 Guinea Pig,	Master P. Lawler, 27, Ellis's-quay.

1875.	ANIMALS, ETC.	BY WHOM PRESENTED.
Aug. 14	1 Hedge Hog,	T. S. Montgomery, Esq., James's-gate Brewery.
„ 16	1 Jackdaw,	Master E. Millea, 25, Parkgate-street
„ 17	1 Hedgehog,	Mr. James Williams, 7, Stirrup-lane.
„ „	2 Jackdaws,	Master H. A. Carter, Phoenix Park.
„ 18	1 Pair Fantail Pigeons,	Charles Whiteland, Esq., 39, North Cumberland-street.
„ 19	1 Rhesus Monkey,	Charles Scott, Esq., M.D., Bagnalstown
„ „	1 Bantam Cock,	Miss Fulton, 1 Rialto-place, South Cir- cular-road.
„ 28	1 Peacock,	Mrs. Atkinson, Carrickbrennan, Monkstown.
„ 29	1 American Black Bear,	Captain W. Redmond, Brig <i>Xanthus</i> .
„ 30	1 Hedgehog,	R. Bowles, Esq., 40 York-road, Kings- town.
	31 1 Sparrow Hawk,	Mr. Thomas Kelly, R.I.C. Depot, Phoenix Park.
„	A quantity of Sea Anemonies,	Master Carter, Phoenix Park.
„ „	A quantity of Whelks, Soldier Crabs,	Mr. John Glennon, Naturalist, 46, Wicklow-street.
„ „	A quantity of Sea Anemonies,	Mr. Mortimer Glynn, Kingstown.
Sep. 7	1 Rosella Parrakeet,	Mrs. Robert Carter, Cable-st., London.
„ 8	1 Otter,	David Fitzgerald, Esq., Marlay House, Rathfarnham.
„ 14	1 Magpie,	Miss Carter, Phoenix Park.
„ 20	1 Newt,	Master J. White, Dunbell, Kilkenny.
„ 21	1 Raven,	Mr. David Scully, Naturalist, 38, Castle-street.
	24 1 Kestrel,	Master L. A. Carter, Phoenix Park.
	27 2 Hares,	Mr. Thomas Hanna, Reboth Refor- matory.
„ 28	1 Partridge,	S. J. Connolly, Esq., Woodstock Lodge, Athy.
Oct. 4	1 Sparrow Hawk,	Mr. John Nolan, 6, Pitt-street.
„ 11	Short-eared Owl,	George Nugent, Esq., Greenville, Bel- turbet.
„ 30	1 Gannet,	Master L. A. Carter, Phoenix Park.
Nov. 8	1 Iceland Fox,	William Corbet, Esq., Castleconnell.
„ 18	1 Kestrel,	E. M. Dodd, Esq., Castlemoate, Count Dublin.
	„ 1 Red-necked Grebe,	H. S. Sankey, Esq., 18, Merri- on-square, south.

1875	ANIMALS, ETC.	BY WHOM PRESENTED.
Nov. 20	5 White Fantailed Pigeons	W. M'Dermott, Esq., 64, Great Britain-street.
„ 25	1 Macaque Monkey,	Richard Barter, J.P., Studio, St. Anne's, Blarney.
Dec. 1	6 Persian Cats,	Mrs. Stewart, Stewart's Lodge, Leighlin-bridge.
„ 2	1 Female Ass,	John Lentaigne, Esq., C.B., 1, Great Denmark-street.
„ 4	1 Water Rail,	Dr. B. J. Neary, 1 Victoria-terrace, Howth.
„ 9	1 Bhesus Monkey,	George MacDowell, Esq., 16, Upper Clanbrassil-street.
„ 11	2 Merlin Falcons,	T. F. Brady, Esq., Fishery Commissioner, 11, Percy-place.
13	1 Black-winged Peafowl,	Hon. A. L. G. Canning, The Lodge, Rostrevor.
„ 18	1 Peregrine Falcon,	Master E. A. Carter, Phoenix Park.
„ 31	1 Badger,	Francis Fawcett, Esq., Rowantree Hill, Belleek.
„ „	2 Badgers,	Right Hon. Colonel Tighe, Woodstock.

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 315 Meldon, Charles H., M.P., Newtown House, Blackrock,  
 and 25, Rutland-square  
 Millar, J. M., Monkstown  
 Millner, J. K., Cherbury, Blackrock  
 Mitchell, George, 20, Lower Sackville-street  
 Mollan, John, M.D., 60, Fitzwilliam-square  
 320 Molloy, Arthur, 3, Ruby-place, Kingstown  
 \* Molloy, Very Rev. Dr., Catholic University, St. Stephen's-  
 green, south  
 \* Molyneux, Sir Capel, Bart., Castle Dillon, Armagh  
 \* Monck, Right Hon. Viscount, Charleville, Bray  
 \* Monteagle, Right Hon. Lord, Mount Trenchard, Foynes  
 325 Montgomery, Robert John, 50, Grosvenor-sq., Rathmines  
 Moore, M. J., M.D., 5, Cavendish-row  
 \* Moore, Robert H., F.R.C.S.I., 29, Upper Merrion-st.  
 \* Moore, Thomas J., Director, Museum, Liverpool  
 Moreton, Captain the Hon. A., Eastwood, Bagnalstown  
 330 \* Morrogh, Leonard, 5, Great Denmark-street  
 Moses, Marcus, Leeson-park  
 Murland, James W., 25, Fitzwilliam-square  
 Murphy, Michael, 17, Eden-quay  
 Murray, Herbert H., Elgin House, Elgin-road  
 335 Murray, J. Marshal, 24, College-green  
 \* Napier, Right Hon. Sir Joseph, Bart., Merrion-square  
 \* Neilson, James, 104, Middle Abbey-street  
 Nolan, Edward, 24, Nassau-street  
 Nolan, Henry P., M.D., Lower Baggot-street  
 340 Nolan, William, 24, Nassau-street  
 Norman, Francis, 16, Granby-row  
 Nugent, John, M.D., 14, Rutland-square  
 O'Brien, Hon. Mr. Justice, St. Stephen's-green  
 \* O'Brien, Edward William, Cahirmoyle, Newcastle  
 West  
 345 O'Donnell, James, 37, Lower Leeson-street

- \* O'Ferrall, James, 3, Gresham-terrace, Kingstown
  - Ogle, John, 59, Dawson-street
  - O'Hagan, John, Q.C., 22, Upper Fitzwilliam-street
  - O'Hagan, Right Hon. Lord, 34, Rutland-square
- 350 O'Leary, W. H., M.D., M.P., 38, York-street
- O'Neill, L. Gordon, Sandford park, Cullenswood
  - \* O'Rorke, Hugh, 4, Breffni-terrace, Sandycove
  - \* Ormond, Most Hon. Marquess of, Kilkenny Castle
  - Oldham, Eldred, 12, Westmoreland-street
- 355 \* Palgrave, Charles, 17, Eden-quay
- Palmer, Sir Roger, Bart., Kenure Park, Rush
  - \* Parker, Alexander, 46, Rathmines-terrace
  - Patterson, James, 20, Elgin-road
  - Pattison, Henry, Druid Lodge, Loughlinstown
- 360 \* Peebles, Robert W., 9, North Frederick-street
- \* Peebles, William E., 9, North Frederick-street
- \* Perceval, Charles, M.D., 5, Wilton-terrace
- Perrin, Mark, Knockdronnin, Rush
  - Perry, James, Dean's Grange, Monkstown
- 365 Pigot, D. R., Dundrum House, Dundrum
- Pigot, J. E., Mrs., 14, Fitzwilliam-place
  - Pim, Frederick W., 4, Richmond-hill, Monkstown
  - Pim, Richard, 4, Queen's-park, Monkstown
  - Pim, George, Brenanstown, Cabinteely
- 370 Pim, Greenwood, Esq., Easton Lodge, Monkstown
- Pim, Henry, 62, Lower Baggot-street
  - Pim, Jonathan, William-street
  - Pim, Joseph Todhunter, Greenbank, Monkstown
  - Pim, Thomas, William-street
- 375 Pim, Thomas, jun., William-street
- Pim, W. Harvey, William-street
  - Poole, Rev. Hewitt R., F.T.C.D., 15, Lower Fitzwilliam-street
  - \* Porter, George H., M.D., 3, Merrion-square, north
  - Power, Sir James., Bart., 27, Merrion-square, north
- 380 Power, Sir Alfred, K.C.B., 35, Raglan-road
- \* Powerscourt, Right Hon. Viscount, Powerscourt, Enniskerry

- Proud, Nicholas, Rostrevor-terrace, Rathgar  
 Quain, John, 85, Harcourt-street
- 385 \* Rathborne, John G., Dunsinea, Phoenix Park  
 Redmond, Alderman Philip, 11, Wexford-street  
 Reeves, Robert, 5, Fitzwilliam-place  
 Reside, William, 21, College-green  
 Rigby, John, 24, Suffolk-street  
 Ringland, John, M.D., 14, Harcourt-street
- 390 Roberts, S. U., C.E., 6, Burlington-road  
 Robertson, William, Fitzwilliam-square  
 Robinson, T. J., 21, College-green  
 Robinson, William Henry, 16, Vesey-place, Kingstown
- \* Roe, Henry, Mount Anville Park, Dundrum
- 395 Roe, Mrs. G., Nutley, Donnybrook
- \* Rowley, Captain Thomas Taylor  
 Ryan, T. E., 70, Abbey-street  
 Salmon, Rev. Dr., F.T.C.D., Wellington-road
- \* Sandhurst, Lieut.-General Right Hon. Lord, G.C.B.,  
 18, Grosvenor Gardens, London
- 400 Sanger, Thomas H., Belgrave-square, Monkstown  
 Savage, Mrs., 4, Fitzwilliam-place  
 Scott, Francis M., J.P., Island-bridge House
- \* Scriven, W. B., M.D., 33, St. Stephen's-green  
 Sewell, Edward, 60, Lower Mount-street
- 405 \* Shackleton, Joseph F., Anna Liffey Mills, Lucan  
 \* Shackleton, Abraham, Clonbrone, Temple-road, Rath-  
 mines  
 Shaw, Henry, 1, Waterloo-road
- \* Shirley, Evelyn J., D.L., Carrickmacross  
 Sinclair, Edward B., M.D., 45, Upper Sackville-street
- 410 \* Sligo, Most Hon. the Marquess of, Westport House,  
 Westport
- \* Smith, Aquilla, M.D., 121, Lower Baggot-street  
 \* Smith, R. Sainthill, 121, Lower Baggot-street  
 \* Smith, Walter G., M.D., 34, Lower Baggot-street  
 \* Smyth, Edward Webber, 7, St. Stephen's-green
- 415 \* Smyth, Robert William, 3, Seaview-terrace, Donnybrook

- Smyley, P. Crampton, M.D., 4, Merrion-square, north  
Smyth, George, 81, Pembroke-road
- \* Southwell, Right Hon. Viscount, Killiney Castle,  
Killiney
  - \* Spottiswode, Lieutenant-Colonel A.
- 420 Stapleton, Edward, 75, Lower Mount-street
- \* Staunton, C. F., M.D.
  - \* Stewart, Henry H., M.D., Lucan
  - \* Stewart, Alexander J. R., D.L., J.P., Ards House, Co.  
Donegal
- Stephens, H. C., 26, Rathmines-road
- 425 Stoker, E. A., M.B., 49, Rutland-square, west
- \* Stoker, William Thornley, M.D., 16, Harcourt-street
  - \* Stokes, F., J.P., Walthamstow, Donnybrook
  - \* Stokes, William, M.D., 3, Clare-street
  - \* Stoney, Bindon, C.E., 42, Wellington-road
- 430 Stoney, Loftie, M.D., 89, Lower Baggot-street
- \* Sullivan, A. M., M.P., 11, Great George's-street, north
- Sullivan, E., Right Hon., the Master of the Rolls,  
Fitzwilliam-place
- \* Sullivan, W. K., Queen's College, Cork
- Swanzy, H. R., 16, Upper Mount-street
- 435 Swanzy, John, 12, Waterloo-road
- Sweetman, Patrick, 23, Francis-street
- \* Sweetman, Walter, 4, Mountjoy-square, north
- Sykes, George, Dame-street
- \* Talbot de Malahide, Right Hon. Lord, The Castle,  
Malahide
- 440 Taylor, Thomas H., 36, Wellington-road
- \* Tickell, George, 18, Mary-street
  - \* Tighe, The Right Hon. W. F., Woodstock, Innistigue
  - \* Thom, Alexander, Middle Abbey-street
  - \* Thompson, H. Yates, Ennismore Gardens, Prince's  
Gate, London
- 445 Thompson, Henry, 13, Fitzwilliam-place
- Thornton, Colonel Henry Todd, Granitefield House,  
Rochestown avenue, Kingstown
- Todd, Andrew, Clonliffe, Jones's-road

- Todhunter, Joseph, 3, College-green  
 Todhunter, Joshua E., 116, Lower Baggot-street
- 450 \* Toole, Charles, 41, Westmoreland-street  
 Toomey, Edward, Parkgate-street  
 Torney, Thomas, M.D., 8, Blackhall-street  
 Turbett, Robert E., 3, Bachelor's-walk  
 Tweedy, Henry, M.D., 16, Rutland-square
- 455 \* Tyrrell, James, Kildare-street  
 Vance, Thomas, 9, Bridge-street  
 \* Vandeleur, Colonel C. Moore, Kilrush House,  
 Kilrush  
 \* Vigors, H. M.  
 Wade, Robert, M.D., 208, Great Brunswick-street
- 460 Waller, Edmund W., Brewery, James's-gate, and 9,  
 Conyngham-road  
 Walpole, E., Winsdor Lodge, Seafield avenue, Monks-  
 town  
 Walpole, George, 8, Suffolk-street  
 \* Warren, Robert, J.P., 40, Rutland-square  
 Waterhouse, Samuel, 25, Dame-street
- 465 Watson, Henry Stewart, 13, Vesey-place, Kingstown  
 Wardell, John, Thomas-street  
 \* West, George Aug., Altadore, Blackrock  
 Westropp, W. H. Stackpoole, Lisdoonvarna  
 \* White, Hon. Colonel, Woodlands, Clonsilla
- 470 \* Whyte, William, George's-hill, Balbriggan  
 \* Whitty, J. Irwin, LL.D., 94, Lower Baggot-street  
 Wigham, Henry, 33, Capel-street  
 Wigham, J. R., Albany House, Monkstown  
 \* Williams, J. E., R.A.
- 475 Williams, R. P., 38, Dame-street  
 Wilson, George Orr, Dunardagh, Blackrock  
 Wilson, Henry, M.D., 29, Lower Baggot-street  
 \* Wilson, John, 5, Durham Villas, Kensington, W.  
 Wilson, Joseph, D.L., 15, Upper Temple-street
- 480 Wilson, James, LL.B., 65, Fitzwilliam-square, north  
 Wilson, Thomas, 65, Fitzwilliam-square, north



- Winstanley, James, 23, Park avenue, Sandymount  
 Woodlock, Joseph, 42, Dame-street  
 Woodlock, T., 42, Dame-street  
 485 Woodlock, Very Rev. Dr., Catholic University,  
 Stephen's-green  
 Woodlock, William, 1, Temple-street, upper  
 \* Woods, George, J.P., Milverton, Balbriggan  
 \* Woods, H. Hamilton, J.P., Whitestone House, Bal-  
 briggan  
 Wright, E. P., Lansdowne-road  
 490 \* Wright, Joseph, Edenvale, Conyngham-road  
 \* Yeates, Stephen, 2, Grafton-street

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## GARDEN SUBSCRIBERS.

- Aitken, William, 106, Salem House, Rathmines  
 Alison, Sir Archibald, K.C.B., Royal Hospital  
 Anderson, Samuel Lee, 74, Lower Baggot-street  
 Andrews, G., Williamstown Castle, Blackrock  
 5 Armstrong, Richard, First Sergeant-at-Law, 32, Stephen's-  
 green  
 Atkinson, Richard William, Coldblow house, Donnybrook  
 Bayley, Captain, D.L., Rockwood, Athleague, Roscommon  
 Barrington, Frederick, Ringsend Foundry  
 Beach, Rev. Canon, 5, Belfast-terrace  
 10 Beare, G. H., 7, Conyngham-road  
 Bourne, Charles Henry, South Dublin Union.  
 Boyd, Walter, LL.D., 22, Merrion-square, south  
 Browne, Valentine, 24, Harcourt-street  
 Bryson, Mrs., 1, Prince Patrick-terrace, North Circular-  
 road  
 15 Burke, Captain John, 3, Eblana-terrace, North  
 Circular-road

- Bury, William, 9, Mountjoy-square, north  
 Clibborn, James, Woodville, Sandford-road  
 Connolly, Albert, 6, Cumberland-place, North Circular-  
 road  
 Courtenay, Mrs. Mary, 7, Upper Gloucester-st.  
 20 Courtney, John R., 44, Haddington-road  
 Donnelly, Joseph, Everton, Cabra  
 Downing, Charles, 2, Abercorn-terrace, North Circular-rd  
 Drew, Edwin, Surgeon-General, Hospital, Phoenix-park  
 Duncan, Captain, Commandant R.I.C., Phoenix-park  
 25 Duncan, Captain, 10, Eblana-terrace, North Circular-  
 road  
 Dunphy, Thomas, 161, Phibsborough-road  
 Edmundson, Mrs., Foxrock  
 Franklin, William, 12, Conyngham-road  
 Frazer, John F., 4, Eblana-terrace  
 30 Gamble, R. Wilson, 51, Fitzwilliam-square  
 Garland, Edward, 9, Belfast-terrace  
 Gilbert, Thomas Bruce, 1, Abercorn-terrace  
 Gore, Staff-Surgeon, 2, Woodhouse-terrace  
 Hardinge, William H., Woodlands, Monkstown  
 35 Halligan, John, Usher's Island  
 Haughton, Wilfred, 15, Northumberland-road  
 Haughton, Mrs., 30, Hardwicke-street  
 Hume, Arthur, 63, Dawson-street  
 Hurford, John, 8, Besborough-terrace, N. Circular-road  
 40 Jameson, William, 68, Harcourt-street  
 Johnston, Dr., 3, Lorne-terrace, North Circular-road  
 Jordon, Colonel Joseph, 34th Regiment  
 Lawless, Edmund, M.D., St. Patrick's Hospital  
 Lube, Wm. Francis, 30, Mountjoy-square  
 45 Marter, Captain D. A. A. G., Royal Barracks  
 Martelli, Charles, Monte Video, Bray  
 M'Garry, Patrick, Ashtown House, Phoenix-park  
 M'Gill, Capt. and Adjutant, Royal Hospital  
 MacIvers, James, 27, Middle Gardiner street

- 50 M'Neight, H. G., 1, Lorne-terrace, North Circular-road  
 Meath, Right Hon. Earl of, Kilruddery, Bray  
 Meldon, James D., 24, Merrion-square, north
- Montgomery, Captain Robert J., Hollybank, Drumcondra  
 Morris, Hon. Mr. Justice, 22, Lower Fitzwilliam-street
- 55 Morrison, Henry, 17, Westmoreland-street  
 Murphy, Michael, Parkgate-street  
 Nash, Francis Herbert, A.M., 9, Synnot-place  
 Nedley, Thomas, M.D., Cavendish-row  
 Newland, G. E., 4, St. John's-terrace
- 60 Newman, Miss, 61, Lower Baggot-street  
 O'Brien, Timothy, Ailesbury House, Merrion  
 O'Keefe, Edward, 3, Mill-street  
 Orpen, John H., LL.D., 58, St. Stephen's green, east  
 Perrin, Richard, 50, Lower Sackville-street
- 65 Stewart, Richard P., 7, Upper Baggot-street  
 Smith, Thomas, 148, Capel-street, and Cremorne House,  
 Terenure-road  
 Smith, Mrs., 3, Cabra-terrace  
 Scott, William, 2, Lower Sackville-street  
 Symms, Wm., 34, Mountjoy-square, south
- 70 Thorburn, John, 8, Wodehouse-terrace, North Circular-  
 road  
 Vincent, Mrs., Wasdale, Rathfarnham-road  
 Walker, Joseph, Royal Bank, 14, Corn Market  
 Walker, William B., Chapelizod  
 Watson, Wm., 5, Lower Sackville-street
- 75 Weir, James, Blackrock





