THE

Third and Fourth

ANNUAL REPORTS

OF THE

AMERICAN MUSEUM

OF

NATURAL HISTORY.

NOVEMBER, 1872.

New-York:

PRINTED FOR THE MUSEUM.

MDCCCLXXII.

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American Museum of Natural History.

Trustees and Officers.

ROBERT L. STUART.
ROBERT COLGATE.
BENJAMIN H. FIELD.
ADRIAN ISELIN.
BENJAMIN B. SHERMAN.
WILLIAM A. HAINES.
THEODORE ROOSEVELT.
HENRY G. STEBBINS.
HOWARD POTTER.
WILLIAM T. BLODGETT.
ANDREW H. GREEN.
MORRIS K. JESUP.
D. JACKSON STEWARD.
J. PIERPONT MORGAN.
JOSEPH H. CHOATE.
PERCY R. PYNE.
JOHN B. TREVOR.
JAMES M. CONSTABLE.
W. E. DODGE, Jr.
JOSEPH W. DREXEL.

President.

ROBERT L. STUART.

Vice-Presidents.

WILLIAM A. HAINES. | THEO. ROOSEVELT.

Secretary.

WILLIAM T. BLODGETT.

Treasurer.

HOWARD POTTER.

Executive Committee.

WILLIAM A. HAINES. | ANDREW H. GREEN.
THEODORE ROOSEVELT. | D. JACKSON STEWARD.
MORRIS K. JESUP.

Finance Committee.

HOWARD POTTER. | HENRY G. STEBBINS.
BENJAMIN B. SHERMAN.

Auditing Committee.

ROBERT COLGATE. | THEODORE ROOSEVELT.
JOSEPH H. CHOATE.

FOURTH REPORT.*

Since our last Annual Report, it has been our painful duty to record the loss of our honored associate and President, Mr. John David Wolfe. Having long held a distinguished place among New York's eminent citizens, he departed at last, full of years and honors, and left behind him a name and memory which will ever be gratefully cherished by all who knew him. Possessed of large wealth he gave it freely to every good cause; blessed with abundant leisure he devoted it to self culture, and to the development of whatever tended to the relief and improvement of those about him. A lover of Science he lent a friendly hand to its advocates and disciples. He entered with zeal into the project of this Museum of Natural History, hoping and believing that it would prove an honor to his native city, and an important means of education to its citizens and their children. It owes its foundation in a large measure to his liberal aid and wise counsels, and whatever success may be in store for it, it will always count among its best treasures the name and character of its first President.

The Institution has also sustained a great loss in the death of Mr. Coleman T. Robinson, its Curator of Entomology and one of its largest contributors.

*The Third Annual Report is added as an Appendix.

The past year has been one of marked growth and increasing prosperity to the Museum. Twenty thousand dollars have been raised to pay off all obligations on the collections, including the rare and artistically mounted specimens selected from the extensive property of Madame Verreaux and Madame Verdey, of Paris, and all these valnable collections have been safely received and are now placed on public exhibition. More donations of specimens have been received during the past few months than the three years previous. A list of them, many of which are of high value will be found later in the report.

To enable the Museum to exhibit these additions, the Department of Public Parks has completed several new cases on the upper two stories, filling up all the available room, and has also appropriated a part of the lower floor, which will soon be occupied.

The plans for the new building to be erected, have been completed, and the preparation of the ground is already far advanced.

The Trustees would express their thanks to the Department, its Architects, and to its Executive Officers on the Park for their uniform courtesy, and the personal interest they have displayed in the success of the institution.

The Mammals, Birds, and Insects have been so completely arranged by Professor Bickmore and Dr. Holder, as to give the whole exhibition an improved and very attractive character. Mr. Theodore L. Mead is kindly transferring to insect-proof boxes, the Robinson collection of Lepidoptera, which has been found to contain twenty thousand specimens, and includes many of his types.

The Museum is constantly receiving offers of specimens and books, at very reasonable prices, among which, we would refer to the very important letter annexed from Dr. John C. Jay, of Rye, offering to present his celebrated collection of shells, containing over 50,000 specimens, when our institution can purchase his library, consisting of Conchological and other scientific works.

A very important collection of the fossils of South Carolina, from the Pleiocene and Post Pleiocene periods, has been offered, and a large and choice collection of minerals, also rare mammals and skeletons; and the fact that one of the largest private collections of birds, and rare works on Ornithology in the world is soon to be offered for sale in Europe, compels us to ask that our present subscription list of $80,000 be increased to $200,000 at once.

On nearly every day during fair weather, our halls have been thronged by visitors, not only from our own city and state, but from all parts of the country, numbering frequently from 5,000 to 10,000. Large numbers of pupils from the common schools of our city and its suburbs have come in bodies to the Museum, under the care of their teachers, who have been enabled, by means of our collections, to impart much useful instruction.

Scientific men, and advanced scholars from several colleges, have come to the city solely to profit by the opportunity the Museum can already offer them, to examine rare and unique specimens.

The privileges which subscribers will hereafter enjoy are stated in the first By-Law. As the importance of this institution in promoting the study of

Natural History in America is now beginning to be made manifest, the Trustees confidently appeal to all who have at heart the interest of our city and country, for the means to enable it to accomplish its important mission.

R. L. STUART,
President.

THEODORE ROOSEVELT,
Secretary.

All communications should be addressed, AMERICAN MUSEUM OF NATURAL HISTORY, CENTRAL PARK, NEW-YORK.

RYE, WESTCHESTER CO., N. Y.
November 4th, 1871.

To the Trustees of the American Museum of Natural History,

GENTLEMEN—Having devoted a large part of my life to the science of Conchology, I am deeply interested in the great enterprise so nobly inaugurated by the citizens of New York, for the establishment of a Museum of Natural History which shall be fully worthy of our metropolitan city.

My collection of shells comprises fourteen thousand species, twenty thousand varieties, and fifty thousand specimens, and has cost me many years of continued labor, and over twenty-five thousand dollars.

My library consists of 850 bound volumes, many of them obtained by giving unlimited orders, and is probably the most complete of its kind in America. It has cost over $10,000, but if the friends of science in New York City will enable you to purchase it at that price, I will present to the Museum my entire collection of shells described above.

Believing that your institution will enjoy continued and increasing prosperity, and soon become of national importance, and awaiting the favor of an early reply, I am,

Very truly yours,

JOHN C. JAY.

Dr. **The American Museum of Natural History** *in account with* HOWARD POTTER, TREASURER. **Cr.**

1871.	To Balance per account Cash 1st November, 1871	$3,708 79	1871	By Cash from W. H. Gebhard	$ 100 00
	" Purchases in Europe,	2,966 21	"	" Peake, Opdycke & Co	100 00
	" Freight and Expenses on do	80 90	"	" Samuel Willets	100 00
	" Purchases in this Country	1,000 00	"	" Josiah Lane	100 00
	" Salaries and Labor	4,844 91	"	" D. J. Ely	1000 00
	" Insurance	900 00	"	" A. Iselin	500 00
	" Printing, Stationery, Postage and Expressage,	1,108 58	"	" Jno. D. Wolfe	2000 00
	" Architect's Bill	250 00	"	" R. A. Witthaus, Jr.	500 00
	" Commissions on Collections	745 00	"	" Percy R. Pyne	1100 00
	" Reception Expenses	906 76	"	" Robert Colgate	1000 00
	" Travelling "	45 25	"	" H. K. Corning	500 00
	" Mounting Birds, stands and perches	1,458 15	"	" B. B. Sherman	500 00
	" " Wild Boar	20 00	"	" Robert Gordon	500 00
	" Iron Box	102 50	"	" B. Aymar	500 00
	" Interest	14 86	"	" M. K. Jesup	250 00
	" Balance	158 09	"	" Hugh Auchincloss	500 00
			"	" A. G. P. Dodge	500 00
			"	" Theo. Roosevelt	500 00
			"	" Jonathan Thorne	500 00
			"	" A. H. Barney	1000 00
			"	" Stewart Brown	500 00
			"	" Trevor & Colgate	2000 00
			"	" Tiffany & Co.	500 00
			"	" Abram Dubois	500 00
			"	" Lucius Tuckerman	500 00
			"	" Hezekiah King	10 00
			"	" John A. C. Gray	500 00
			"	" Morris K. Jesup	250 00
			"	" Jonas J. Clark	1000 00
			"	" Robt. L. Stuart	400 00
		$17,810 00			$17,810 00
Nov. 1,	By Balance Cash 1st Nov. 1872	$158 09			

NEW YORK, *November 1st*, 1872.

Examined and approved, { ROBERT COLGATE, JOSEPH H. CHOATE, } *Auditing Committee.*

Signed, HOWARD POTTER, Treasurer.

INCORPORATION.

AN ACT

TO INCORPORATE THE AMERICAN MUSEUM OF NATURAL HISTORY.

Passed April 6, 1869.

The People of the State of New-York, represented in Senate and Assembly, do enact as follows:

SECTION 1. John David Wolfe, Robert Colgate, Benjamin H. Field, Robert L. Stuart, Adrian Iselin, Benjamin B. Sherman, William A. Haines, Theodore Roosevelt, Howard Potter, William T. Blodgett, Morris K. Jesup, D. Jackson Steward, J. Pierpont Morgan, A. G. P. Dodge, Charles A. Dana, Joseph H. Choate, and Henry Parish, and such persons as may hereafter become members of the corporation hereby created, are hereby created a body corporate, by the name of "The American Museum of Natural History," to be located in the City of New-York, for the purpose of establishing and maintaining in said city a Museum and Library of Natural History; of encouraging and developing the study of Natural Science; of advancing the general knowledge of kindred subjects, and to that end of furnishing popular instruction and recreation.

SEC. 2. Said Corporation shall have power to make and adopt a Constitution and By-Laws, and to make rules and regulations for the admission, suspension, and expulsion of its members, and their government, the number and election of its officers, and to define their duties, and for the safe keeping of its property, and, from time to time, to alter and modify such Constitution, By-Laws, Rules and Regulations. Until an election shall be held pursuant to such Constitution and By-Laws, the persons named in the first section of this Act, shall be, and are hereby declared to be the Trustees and Managers of said Corporation and its property.

SEC. 3. Said Corporation may purchase and hold, or lease any real and personal estate necessary and proper for the purposes of its incorporation, provided they shall not hold real estate which shall exceed one hundred thousand dollars in value.

SEC. 4. Said Corporation shall possess the general powers, and be subject to the restrictions and liabilities prescribed in the Third Title of the Eighteenth Chapter of the First Part of the Revised Statutes.

SEC. 5. This Act shall take effect immediately.

STATE OF NEW YORK,
OFFICE OF THE SECRETARY OF STATE, } ss.

I have compared the preceding with the original law on file in this office, and do hereby certify that the same is a correct transcript therefrom, and of the whole of said original law.

{ SEAL. } Given under my hand and seal of office at the city of Albany, this fourteenth day of April, in the year one thousand eight hundred and sixty-nine.

D. WILLERS, JR.,
Deputy Secretary of State.

At a meeting of the Trustees, held at the residence of Theodore Roosevelt, Esq., April 8, 1869, the above charter was unanimously accepted by a majority of the Trustees.

AN ACT

TO DONATE TO THE AMERICAN MUSEUM OF NATURAL HISTORY A COLLECTION FROM THE DUPLICATE SPECIMENS OF NATURAL HISTORY BELONGING TO THE STATE.

Passed May 8, 1869, by a two-thirds vote.

The People of the State of New-York, represented in Senate and Assembly do enact as follows:

SEC. 1. The Curator of the State Cabinet, under direction of the Regents of the University, is hereby authorized to select from the duplicate specimens of natural history belonging to the State, and those which the State may acquire, and from all other specimens of natural history which may be disposed of by the Regents of the State, the first and best series of specimens, subject, however, to the rights of other institutions under existing laws, and label the same with their proper scientific names, and present them in the name of the State to the American Museum of Natural History, in the City of New-York, all of which is to be done at the expense of said Museum.

SEC. 2. This Act shall take effect immediately.

STATE OF NEW-YORK,
OFFICE OF THE SECRETARY OF STATE, } ss.

I have compared the preceding with the original law on file in this office, and do hereby certify that the same is a correct transcript therefrom, and of the whole of said original law.

{ SEAL. } Given under my hand and seal of office, at the City of Albany, this seventeenth day of August, in the year one thousand eight hundred and sixty-nine.

D. WILLERS, JR.,
Deputy Secretary of State.

NEW-YORK, *December* 23, 1869.

ANDREW H. GREEN, Esq., *Comptroller of the Central Park:*

DEAR SIR—The Trustees of the American Museum of Natural History having purchased the extensive collection of Mammals, Birds, Fishes, &c., belonging to the late Prince of Neuwied, the Elliot collection of Birds, besides a part of the Verreaux and other collections of specimens of Natural History, desire to know if the Commissioners of the Central Park will receive them on deposit within the Central Park, and they would suggest the following as the conditions upon which they would like to deposit them, namely:

First—The Commissioners of the Park to provide accommodations in the two upper stories of the building known as the Arsenal and snch other rooms as shall from time to time be necessary for the exhibition of the collections deposited by the American Museum, and shall cause them to be furnished with glass cases suitable for the preservation and exhibition of such collections.

Second—The Trustees of the American Museum to employ their own Curators, for the care and arrangement of their collection, and to pay them their salaries all such persons to be subject to the regulations of the Park Commissioners.

Third—The Police force for the protection of the property, and the employees for the cleansing and general care of the rooms, to be employed and paid by the Park Commissioners.

Fourth—The Trustees and Curators of the American Museum to have free access at all reasonable times to the rooms occupied by their collections.

Fifth—The collections so deposited to be exhibited to the public at least three days in the week in the name of the American Museum of Natural History, the Trustees to have the right to close the collections at such times as shall be necessary for the arrangement and rearranging of the specimens, subject to the regulations of the Park Commissioners.

Sixth—The collections already acquired, and those which may from time to time be acquired and so deposited, to remain the property of the American Museum of Natural History, to be removed by them immediately after the expiration of six months' previous notice in writing to the Commissioners of the Park, or within six months' after receiving a written notice from the Commissioners, asking them to withdraw their property from the Park.

Awaiting the favor of an early reply, I am,

Very truly yours,

W. A. HAINES,

Chairman Executive Committee.

OFFICE OF THE BOARD OF COMMISSIONERS OF THE CENTRAL PARK,
BANK OF COMMERCE BUILDING,
31 NASSAU ST., NEW-YORK, *Jan.* 21, 1870.

DEAR SIR—I have the pleasure to acknowledge the receipt of your letter of the 23d ultimo, relating to the deposits of certain collections with the Park Commissioners by the American Museum of Natural History. The terms upon which it is proposed to make these deposits are such as will, I think, secure the object that the Museum and the Park Commissioners equally desire, to wit, an establishment that shall afford opportunity for popular instruction and amusement, and for the advancement of the Natural Sciences. If the plan which insures and combines in this enterprise the interests and means of the private citizen, with those of the public, is productive of all the good results that may reasonably be expected, it will probably be made at once an example and incentive for uniting the energies of those interested in other branches of science and art in similar undertakings.

In accepting these extensive and valuable collections on the conditions specified, permit me to express, on behalf of the Park Commissioners, their high appreciation of the enlightened sentiment that has provided so generously for all interested in this department of science, and, at the same time, the hope that this auspicious beginning may, by the continued augmentation of similar liberalities, become an unequalled treasury of science, alike honorable to the public spirit of the citizens by whom it has been inaugurated, and an indispensable aid to those engaged in efforts to increase the knowledge of the science that it is intended to illustrate.

Very respectfully and truly,

ANDREW H. GREEN,
Comptroller of the Park.

W. A. HAINES, Esq.,
Chairman of the Executive Committee of the American Museum.

To the Honorable the Legislature of the State of New-York:

The undersigned, citizens of the City of New-York, respectfully petition that authority may be given to the Department of Public Parks in said city to erect suitable fire-proof buildings upon the public lands in said city under their charge, for the establishment and maintenance therein of a Museum of Art by THE METROPOLITAN MUSEUM OF ART, incorporated by Act of April 13, 1870, and a Museum of Natural History by the AMERICAN MUSEUM OF NATURAL HISTORY, incorporated

by Act of April 6, 1869, at an aggregate cost not exceeding five hundred thousand dollars for each corporation.

JOHN DAVID WOLFE	13 Madison Avenue.
JOHN TAYLOR JOHNSTON	8 Fifth Avenue.
JAMES BROWN	38 East 37th Street.
ROBERT L. STUART	154 Fifth Avenue.
WILSON G. HUNT	82 White Street.
S. J. TILDEN	15 Gramercy Park.
WM. C. BRYANT	Roslyn, L. I.
ROBERT COLGATE	14 West 23d Street.
D. JACKSON STEWARD	150 Fifth Avenue.
E. D. MORGAN	411 Fifth Avenue.
ADRIAN ISELIN	23 East 26th Street.
WILLIAM T. BLODGETT	182 Broadway.
BENJ. H. FIELD	21 East 26th Street.
JOHN A. DIX	3 West 21st Street.
I. N. PHELPS	229 Madison Avenue.
JAMES STOKES	37 Madison Avenue.
RICHARD MORTIMER	20 East 23d Street.
SAMUEL B. F. MORSE	5 West 22d Street
JAMES B. COLGATE	22 East 23d Street.
DARLING, GRISWOLD & CO	Fifth Avenue Hotel.
ARNOLD, CONSTABLE & CO	Canal Street.
SAMUEL L. M. BARLOW	1 Madison Avenue.
W. M. HALSTED	584 Fifth Avenue.
WM. S. GAIDLER	8 East 23d Street.
B. H. HUTTON	144 Duane Street.
D. WILLIS JAMES	Park Avenue, 39th Street.
W. E. DODGE, JR	262 Madison Avenue.
BENJ. B. SHERMAN	16 West 20th Street.
THEODORE ROOSEVELT	28 East 20th Street.
EDWARD MATTHEWS	101 Fifth Avenue.
MORTON, BLISS & CO	30 Broad Street.
J. PIERPONT MORGAN	6 East 40th Street.
JAMES M. BROWN	31 East 30th Street.
HOWARD POTTER	37 East 37th Street.
A. A. LOW	31 Burling Slip.
W. A. HAINES	376 Broadway.
S. H. WALES	520 Fifth Avenue.
RICHARD BUTLER	45 West 46th Street.
J. F. KENSETT	Association Building.
C. L. TIFFANY	255 Madison Avenue.
WILLIAM S. ANDREWS	7 Murray Street.
GEORGE OPDYKE	50 West 47th Street.
PARKER HANDY	22 West 10th Street.
JOHN H. HALL	63 Park Avenue.
WM. L. ANDREWS	16 East 38th Street.
WILLIAM J. HOPPIN	878 Broadway.
SAMUEL G. WARD	103 Madison Avenue.
LUCIUS TUCKERMAN	220 Madison Avenue.
GEORGE WILLIAM CURTIS	Roslyn, L. I.
HENRY G. MARQUAND	21 West 20th Street.
HENRY CLEWS	42 Wall Street.
ROBERT HOE, JR	29 West 19th Street.
WM. H. RAYNOR	137 West 42d Street.

EXTRACT

FROM

LAW RELATIVE TO DEPARTMENT OF PARKS.

SECTION 2. The Board of Commissioners of the Department of Public Parks, in the City of New-York, is hereby authorized to contract, erect, and maintain in and upon that portion of the Central Park formerly known as Manhattan Square, or any other public park, square or place in said city, a suitable fire-proof building for the purpose of establishing and maintaining therein, under suitable rules and regulations, to be prescribed by the said Board from time to time, a Museum and Gallery of Art, by the Metropolitan Museum of Art, incorporated by chapter one hundred and ninety-seven, laws of eighteen hundred and seventy, or other institutions of like character; also, a suitable fire-proof building for the purpose of establishing and maintaining therein, under rules and regulations to be prescribed by the said Board from time to time, a Museum of Natural History, by the American Museum of Natural History, incorporated by chapter one hundred and nineteen, laws of eighteen hundred and sixty-nine, or other institutions of a like character, at an aggregate cost not exceeding a sum of which the annual interest at the rate of interest at which a fund or stock shall be issued, is thirty-five thousand dollars for each of said buildings, for the use of said corporations or other institutions of a like character; and it shall be the dnty of and lawful for the Comptroller of the City of New-York to create and issue in the manner in this Act provided, such additional amounts of a public fund or stock, to be denominated the "Museums of Art and Natural History stock," as shall be necessary to provide the money required for erecting said buildings by an amount not exceeding the aforesaid limitations.

CONSTITUTION

OF THE

American Museum of Natural History.

IN THE CITY OF NEW YORK.

ARTICLE I.

This Corporation shall be styled the American Museum of Natural History.

ARTICLE II.

The several persons named in the Charter, and such others as they may add to their number, which shall not exceed twenty-five in all at one time, shall be the Trustees to manage the affairs, property and business of the Corporation, and in case of the death, accepted resignation, or removal from the State of any Trustee, a new Trustee shall be elected to fill his place by the remaining Trustees; but no election of a Trustee shall be held except at a quarterly meeting of the Trustees, on written notice of not less than one week, specifying that such election is to be held, and the vacancy which is to be filled; and every election of Trustees shall be by ballot, and no person shall be deemed to be elected a Trustee unless he shall receive the votes of at least three-fourths of the Trustees present.

ARTICLE III.

The Trustees shall meet quarterly on the second Monday of every February, May, August and November, at an hour and place to be designated on at least one week's written notice from the Secretary, and shall, annually, at the quarterly meeting in November, elect the officers and committees for the ensuing year. They shall also meet at any other time to transact special business on a call of the Secretary, who shall issue such call whenever requested so to do, in writing, by five Trustees or by the President, and give written notice to each Trustee of such special meeting, and of the object thereof, at least three days before the meeting is held.

ARTICLE IV.

The officers of the said Corporation shall be a President, a First and Second Vice-President, a Secretary and a Treasurer, an Executive Committee, an Auditing Committee, and a Finance Committee, all to be elected from the Trustees. All these officers shall hold their offices for one year, and until their successors shall be elected.

The election of officers shall be by ballot, and the persons having a majority of the votes cast, shall be deemed duly elected.

ARTICLE V.

The President, and in his absence, the First or Second Vice-President, shall preside at all the meetings of the Museum and of the Trustees.

The Secretary shall keep a record of the proceedings of the Trustees, of the Executive Committee, and of the Auditing Committee, and shall preserve the seal, archives and correspondence of the Museum, shall issue notices for all meetings of the Trustees, and attend the same.

The Treasurer shall receive and disburse the funds of the Museum. He shall keep the accounts of the Museum in

books belonging to it, which shall be at all times open to the inspection of the Trustees. He shall report in writing, at each quarterly meeting of the Trustees, the balance of money on hand, and the outstanding obligations of the Museum, as far as practicable; and shall make a full report, at the annual meeting, of the receipts and disbursements of the past year, with such suggestions, as to the financial management of the Museum, as he may deem proper.

ARTICLE VI.

The Executive Committee shall consist of five, who shall have the control and regulation of the Collections, Library and other property of the Museum; and shall have power to purchase, sell and exchange specimens and books, to employ agents, to regulate the manner and terms of exhibiting the Museum to the public, and generally to carry out in detail the directions of the Trustees; but the Executive Committee shall not incur any expense or liability for the Museum exceeding two thousand dollars at one time, or exceeding, in all, ten thousand dollars, in the interval between the quarterly meetings of the Trustees, without the express sanction of the Trustees.

ARTICLE VII.

The Auditing Committee shall consist of three, and it shall be their duty to examine and certify all bills presented against the Corporation; and no bills shall be paid unless first approved in writing by at least two members of this Committee.

ARTICLE VIII.

The Finance Committee shall consist of three, including the Treasurer, and it shall be their duty to take charge of and invest the funds of the Museum in its name, and to take all proper measures to provide means for its support.

ARTICLE IX.

A majority of the Trustees for the time being shall constitute a quorum for the transaction of business, but five Trustees meeting may adjourn and transact current business, subject to the subsequent approval of a meeting at which a quorum shall be present.

ARTICLE X.

By-Laws may, from time to time, be made by the Trustees, providing for the care and management of the property of the Corporation, and for the government of its affairs.

Such By-Laws, when once adopted, may be amended at any meeting of the Trustees by a vote of a majority of those present, after a month's notice in writing of such proposed amendment.

ARTICLE XI.

The contribution of two thousand five hundred dollars to the funds of the Museum at one time, shall entitle the person giving the same to be a Patron of the Museum.

The contribution of one thousand dollars, at one time, shall entitle the person giving the same to be a Fellow in Perpetuity.

The contribution of five hundred dollars, at one time, shall entitle the person giving the same to be a Fellow for Life.

Any person may be elected by the Trustees to either of the above degrees, who shall have donated to the Museum Books or Specimens to the value of twice the amount in money requisite to his admission to the same degree, and the President and Secretary shall issue Diplomas accordingly, under the seal of the Museum. The Trustees may also elect Honorary Fellows of the Museum in their discretion.

All persons receiving such degrees and diplomas shall be entitled, at all times, to free admission to the Museum and its Exhibitions, but shall not, by virtue of such degrees or diplomas, become members of the Corporation.

ARTICLE XII.

No alterations shall be made in this Constitution, unless at a regular quarterly meeting of the Trustees; nor by the votes of less than two-thirds of all the Trustees; nor without notice in writing of the proposed alteration, embodying the amendment proposed to be made, having been given at a regular meeting.

BY-LAWS.

I.

Patrons giving $2,500, each receive 10 (blank) Season Tickets and 1 Subscriber's Ticket.

Fellows in Perpetuity giving $1000, each receive 5 (blank) Season Tickets and 1 Subscriber's Ticket.

Fellows for Life giving $500, each receive 4 (blank) Season Tickets and 1 Subscriber's Ticket.

Members giving $250, each receive 3 (blank) Season Tickets and 1 Subscriber's Ticket.

Associate Members giving $100, each receive 2 (blank) Season Tickets and 1 Subscriber's Ticket.

Annual Subscribers of $10 yearly, each receive 1 (blank) Season Ticket and 1 Subscriber's Ticket.

II.

Any Trustee who shall fail to attend three consecutive Regular Quarterly Meetings of the Board, shall cease to be a Trustee, unless excused by the Board.

III.

No gentleman shall hereafter be eligible to the position of a Trustee who shall not be a "Fellow in Perpetuity" of the Museum, unless by a unanimous vote of a quorum of the Board, excepting Trustees *ex-officio*.

DONATIONS.

1871.

Nov. 8.—Mrs. R. A. WITTHAUS, New York City.
12 Crustaceans.

Nov. 10.—Mrs. BENSON, New York City.
1 Case Insects and Dried Fish.

Dec. 1.—HALLOWELL GRANITE CO., Hallowell, Me.
1 Block Granite.

Dec. 1.—Mr. CHAS. GISSLER, Hoboken, N. J.
1 Collection, small Marine Crustaceans.

Dec. 5.—Mrs. JOS. R. REED, New Bedford, Mass.
1 Collection Shells.

1872.

Jan. 10.—Mr. H. W. McCOON.
2 Hornet's Nests.

Jan. 18.—Mr. JOSIAH DOW, through G. W. Dow.
1 Stuffed Crocodile.
1 Bottle Shaped Bird's Nest.
1 Crocodile Skin.
2 Squirrel Skins, Hindostan.

Jan. 22.—Mr. THEODORE L. MEAD, New York City.
55 Species, 81 Specimens Diptera—Colorado, West Virginia and Florida.

Jan. 22.—Messrs. SINCLAIR & MILNE, New York City.
4 Blocks Sandstone.
1 Block Marble.

Jan. 31.—BODWELL GRANITE CO., Fox Islands, Me.
2 Blocks Granite, Fox Island, Me.
1 Block Red Granite, Jonesboro, Me.

Feb. 2.—BIGELOW BLUESTONE CO., Malden, Ulster Co., N.Y.
2 Blocks Bluestone.

Feb. 2.—Mr. GEO. N. LAWRENCE, New York City.
1 Monkey's Skin.

Feb. 14.—The Misses BRUCE, New York City.
1 Collection Shells.

Feb. 14.—Dr. A. M. LORYEA, East Portland, Oregon.
1 Vertebra of Whale.

Feb. 15.—Mr. G. M. BRAINERD, Rockland, Me.
Fragments of Meteorite from Searsmont, Me.

Feb. 19.—Mr. J. P. BERRIDGE, Hudson, N. Y.
1 Block Shell Marble.

Feb. 19.—Mr. THEODORE L. MEAD, New York City.
3 Specimens Silicified Wood, South Park, Colorado.

Feb. 28.—Mr. H. HERRICK, New York City.
3 Birds Nests.
12 Species, 29 Specimens Birds Eggs.

Mar. 1.—Mr. CHARLES BUNTING, New York City.
Blade of Saw-Fish.

Mar. 4.—Mrs. WILLARD PARKER, New York City.
2 Specimens Phyllium.
2 " Phasmida.

Mar. 5.—Mr. J. H. BATTY, New York City.
3 Birds Nests.

Mar. 5.—Mr. D. JACKSON STEWARD, New York City.
2 very large Specimens Crystalized Quartz.
2 Specimens Ammonites.

Mar. 15.—Mr. ALEX. C. LANIER, through CHAS. LANIER, Lafayette, Ind.
1 Whooping Crane.
1 Hornet's Nest.

Mar. 15.—Mr. CHAS. GISSLER, Hoboken, N. J.
2 Specimens Crustacea.

Mar. 27.—MUSEUM COMP. ZOOLOGY, Cambridge, Mass.
Bulletin No. 2.

Apr. 4.—Mr. D. JACKSON STEWARD, New York City.
3 Esquimaux Fish and Bird Spears.
11 War Lances.
3 " " Fiji Islands.
4 Obsidian Lances, New Zealand.
1 War Club.
2 Wooden Flags, Fiji Islands.
1 Fish Spear, Kingsmills Islands.
1 Esquimaux Harpoon.
1 Sharks-Teeth Sword.

Apr. 10.—Mr. P. T. BARNUM, N. Y. City.
1 Fur Seal, mounted.
1 Giraffe, "
1 Baboon and Skull of do.

Apr. 10.—Mr. JOHN WALLACE, New York City.
1 Virginia Deer, mounted.

Apr. 12.—CONCORD GRANITE CO., Concord, N. H.
1 Block Granite.

Apr. 25.—Mr. A. H. UNDERHILL, New York City.
1 Pair Moose Antlers.

Apr. 26.—Dr. R. E. KUNZE, New York City.
47 Species, 60 Specimens Birds Eggs.

Apr. 29—Mrs. JOHN S. KENYON, Tremont, Westchester Co.
1 Collection Shells and Minerals.

Apr. 29.—Mr. N. H. BISHOP, Manahawkin, N. J.
1 Snake, mounted, from Cuba.
1 Skin, Turkey Buzzard.

Apr. 29.—Dr. F. W. LEWIS, Philadelphia, Pa.
Fragment Antler used in Stone Age,—Zurich.

May 1.—Mr. J. H. BATTY, New York City.
4 Birds Eggs.

May 1.—Mr. FULLER, New York City.
2 Specimens Insect Architecture.

May 1.—VAN AMBURGH & CO'S MENAGERIE.
2 Emu Eggs.

May 9.—Mr. D. P. WEBSTER, New York City.
1 Specimen Jamesonite,—Utah.

May 9.—Mr. D. JACKSON STEWARD, New York City.
1 Specimen Madrepora.

May 9.—MINNESOTA HIST. SOCIETY.
Annual Report.

May 14.—Mr. W. W. DREW, Blissfield, Mich., through HYATT FROST, Esq.
Map of New York City in 1728.

May 17.—Mr. D. P. WEBSTER, New York City.
Specimens of Lead and Silver Ore, Bismuth.

May 24.—Mrs. JUSTUS LAWRENCE, Yonkers, N. Y.
1 Specimen Silicified Wood, Calistoga, Cal.

May 31.—Mr. N. R. MOSELEY, New York City.
Bones of 4 Human Ears.

May. 31.—Mr. CHAS. B. HILLHOUSE, New York City.
16 Species, 19 Specimens Birds Eggs.

May 31.—Mr. CHAS. F. CRARY, New York City.
1 White Egret,—Florida.

May 31.—Mr. P. T. BARNUM, New York City.
1 Iguana.
1 Human Hand.
2 Snakes,
1 Phasmida.

May 31.—RUTLAND MARBLE CO., West Rutland, Vt.
7 Blocks Marble.

May 31.—FRANCESTOWN SOAPSTONE CO., Nashua, N. H.
1 Block Soapstone.

May 31.—Mr. JNO. M. MASTERTON, Tuckahoe, N. Y.
1 Block Westchester Marble.

June 1.—Mr. LEOPOLD SAND, New York City.
1 Wild Boar, Europe.

June 1.—Mr. L. LEVI.
1 Fossil Shark Tooth.

June 1.—Mr. STUART, New Orleans, La.
1 Specimen Cinnamon Garnet.

June 1.—Mr. CHARLES DRAKE, New York City.
25 Specimens Echinoderms, Pacific O.

June 1.—Mr. DURAND, through ROBT. COLGATE.
1 Specimen Double Cocoanut.

June 4.—Dr. J. SIMMS, West Exeter, N. Y.
34 Skulls Flat Head Indians,—Columbia R.
1 Pair Horns Rocky Mountain Sheep.
1 Vertebra Cetacean,—Pacific Ocean.
3 Embalmed Flat Head Indians.

June 19.—Miss EVELYN G. & Mr. WENDELL BAKER & EVERT J. WENDELL.
38 Nests, Canaan, Ct.

June 4.—Mr. FRANK CARRYL, Franklin, N. J.
1 Nest with 3 Eggs.

June 6.—Mrs. J. C. THOMPSON, through Capt. MILLS.
1 Specimen Iron Ore—Washington Mts., Morris Co., N. J.

June 6.—PACIFIC MAIL S. S. CO. Collected by J. A. McNEIL, Esq.
24 Gorgonias.
10 Shells.
3 Starfish.
Carophylia.

June 7.—ALEX. MACDONALD, FIELD & CO., Aberdeen, Scotland.
4 Polished Blocks Granite.

June 12.—Dr. N. R. MOSELEY, New York City.
1 Adult Skull showing spongy layer.
1 Infant Skull.

June 28.—Capt. JOHN BICKMORE, Tenant's Harbor, Me.
1 Stone Bowl, Owensville, Ohio.

July 3.—Mr. FRANK CARRYL, Franklin, N. J.
20 Birds Nests and 30 Eggs of various species.

July 6.—Mr. OZIAS CRAIN, Fillmore, Minn.
1 Specimen Cecropia Moth,—Long Branch, N. J.

July 6.—Mr. CHAS. GISSLER, Hoboken, N. J.
12 Bottles Specimens Crustacea.

July 6.—Mr. JOHN RICE, Albany, N. Y.
1 Specimen Plotus anhinga, Florida.

July 6.—Prof. F. S. HOLMES, Charleston, S. C.
Plates of Holbrook's Icthyology.

July 10.—Mr. C. FRED. HOLDER, New York City.
Jaw of White Shark, Tortugas, Fla.

July 11.—Mr. WILLIAM GRAU, New York City.
1 Alligator Mounted,—Florida.

July 26.—VAN AMBURGH & CO'S MENAGERIE.
Skulls of Gnu and Baboon.

July 29.—Mr. J. W. SHACKFORD, New York City.
1 Specimen Moss,—Catskill Mts.

Aug. 1.—Received from EUROPE through the SMITHSONIAN INSTITUTION, Washington, D. C.
HUNGARIAN ROYAL SOCIETY OF NATURAL HISTORY, Pesth, Report for 1870, and 2d Vol. Nos. 10–18.

OFFENBACH SOCIETY OF NATURAL HISTORY, 11th and 12th Reports. 2 Vols.

INSTITUTE OF THE GRAND DUCHY OF LUXEMBOURG, Publications. Vol. 12th, 1872.

FRANCIS-CAROLINE MUSEUM, Austria—On the Ems, Linz, 1871. 1 Vol.

STEIRMARK, Nat. History Proceedings, Vol. 2, Part 3, 1871. 1 Vol.

ROYAL SOCIETY OF TASMANIA, Monthly Notices of Meetings for 1870. 1 Vol.

ROYAL GEOLOGICAL INSTITUTE, Vienna Proceedings, 1871. 1 Vol.

Monograph on the Chrysomelidae, by C. STAL. From the Author. 1 Vol.

NATURAL HISTORY SOCIETY OF LUNEBERG, 1868, 1869. Reports.

Aug. 3.—Mr. A. W. VOGDES, Lexington, Ky.

Collection Shells and Indian Ornaments, Ft. Fetterman, Wyoming Territory.

Sept. 2.—Mrs. BENJAMIN H. FIELD, New York City.

1 Stalactite, Antiparos, Greece.

Sept. 4.—Prof. ALBERT S. BICKMORE, Museum, Central Park.

1 Complete Skeleton Irish Deer, mounted.

Sept. 7.—OSWEGO FALLS BROWN STONE QUARRY CO. Fulton, N. Y.

1 Block Brown Stone.

Sept. 24.—P. T. BARNUM, New York City.

1 Giraffe Skull.

Sept. 26.—Messrs. AUGUSTUS TABER & BROS., New York City.

2 Blocks Scotch Granite,—Aberdeen, Scotland.

3 " Marble, Red, Green and Black,—Kilkenny, Ireland.

4 Blocks Marble,—Levantine, Dove, Black and Gold, Bardilla,—Italy.

Sept. 28.—Professor F. NAGLE.

1 Collection Marine Shells—Curacao, Oruba, Buen-Ayre.

Sept. 28.—Mr. F. G. MEYER, Brooklyn, N. Y.
7 Spiders, 1 Scorpion.
2 Whip Scorpions, 1 Lizard.
12 Insects.—Para and Rio.

Sept. 28.—Mr. WM. M. HALSTEAD, New York City.
7 Ichthyosaurus tenuirostris,—Wurtemburg.

Sept 28.—Mr. A. C. VANALSTYNE, Johnston, Fulton Co., N. Y.
Fragment Granite Bowlder

Sept. 28.—Mr. J. VERREAUX, Paris.—586 Insects, viz:
209 Coleoptera, 180 Lepidoptera.
60 Hymenoptera, 51 Hemiptera.
36 Neuroptera, 34 Diptera.
16 Orthoptera,—Paris.

Sept. 28.—VAN AMBURGH & CO'S MENAGERIE,
1 Skin of large Lioness.

Sept. 28.—Mrs. JOSHUA GILBERT, St. Augustine, Fla.
1 Vase of Shell Limestone.

Oct. 9.—Mr. JORDAN DOWNS, North Louisburg, O.
1 Polished Stone Axe.
2 Lance Heads.

Oct. 9.—Mr. THEODORE ROOSEVELT, Jr., New York City.
1 Bat, 12 Mice, 1 Turtle.
1 Skull, Red Squirrel.
4 Birds Eggs.

Oct. 9.—Central Park Zoological Collection.
1 Wapiti.
1 South American Deer.
1 Fawn.
1 Young Leopard.
1 Musk Deer.
1 Prairie Wolf.
1 Small Baboon.
9 Monkeys.
1 Coatimundi.
1 Ichneumon.
1 Swan.
1 Guinea Pig.
1 Hog Snake.

Oct. 9.—Mr. FRANK CARRYL, Franklin, N. J.
9 Birds Eggs.

Oct. 10.—Mr. J. D. CHEEVER, New York City.
30 Birds Eggs.
1 Humming Bird's Nest.

Oct. 14.—Mr. CHAS. BINNINGER.
20 Stone Arrow Heads.

Oct. 21.—Mr. R. H. DELAFIELD, New York City.
2 Hornet's Nests.

Oct. 28.—Lieut. A. W. VOGDES, U. S. A., Lexington, Ky.
43 Fossils.

Oct. 29.—Mr. THOMAS C. ACTON, New York City.
5 large ears Corn.

Patrons,

By the payment of Twenty-Five Hundred Dollars.

JOHN DAVID WOLFE.*
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LUCIUS TUCKERMAN.

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*Deceased.

APPENDIX.

THIRD ANNUAL REPORT, 1871.

The Trustees of the AMERICAN MUSEUM OF NATURAL HISTORY have the pleasure of presenting this, their Third Annual Report, with copies of their Charter, Constitution, By-Laws, the letters received—presenting property to the Museum—and the Report of the Treasurer. The remaining part of the Verreaux Collection, purchased in Paris, which was delayed by the Franco-Prussian war, and subsequent seizure of the French capital, has been received in perfect order and safely deposited with the other Museum property in the Arsenal Building on Central Park.

The most valuable donation which the Museum has received during the year, is the Great Auk, now extinct, presented by Robert L. Stuart, Esq. It is the rarest specimen in our large collection of birds.

A full series of the corals of Florida has been purchased of Capt. Medary, U. S. A.

The cases for exhibiting the Museum specimens, commenced last year by the Department of Public Parks, were completed in the Spring, and a temporary arrangement of most of the collections was made, and a Reception, to which our subscribers were invited, was held on 27th of April; and though a severe storm occurred on that day, so large a number of our prominent citizens were present that the hearty interest of all classes in the prosperity of our institution was assured at its very opening. Since that date the Museum has been open every week-day to the public, and on Wednesdays and Saturdays it has been literally thronged by hundreds and even thousands, not only of our own citizens, but by visitors from every land to our metropolitan city. The attendance on many days may be safely estimated at over 10,000.

The exhibition cases first completed proving insufficient for the proper display of the entensive collections of birds and mammals, the Department built similar cases around the octagons at the corners of the building, increasing the exhibition space for such specimens in the second story nearly two-thirds, and in the upper story one-third, and giving both halls a pleasing effect of completeness. This work was finished on the first of August, and since that time the large collections of birds and mammals have been entirely re-arranged, and the specimens not previously exhibited have been placed in their proper families. The birds are divided into four principal groups, according to their geographical distribution. On the second floor are the birds of South America, and of Africa; on the third floor those of North America, and of Europe, arranged according to the system of Professor Lilljeborg, each family having a large label containing its scientific and common name. The North American birds have each a label with its scientific name, sex and *habitat*, and its common name in large type; and this system of labelling, alike acceptable to the scientific and cursory observer, will be extended as rapidly as possible throughout the collections on exhibition.

The Curators have been greatly assisted in their work by the kindness of the Superintendent, the Superintending Architect, and other executive officers of the Department at the Arsenal.

A letter endorsed by a large number of our leading citizens, has been addressed to the Department, asking, in accordance with our original agreement with the Park Commissioners, "that Monday and Tuesday of each week be reserved for the Commissioners of Parks, the Trustees of the Museum, all persons contributing or desiring to contribute money or specimens, those wishing to examine the Museum specimens for the purpose of special study, the teachers and pupils of public schools and the inmates of charitable and benevolent institutions of the city, the admission on those days to be by tickets issued by the Trustees, in accordance with a plan to be approved by the Department," in order that the Museum may be used for educational purposes as well as to afford recreation for the public. These propositions, which will combine both of these desirable objects, have been agreed to by the Department, and a special notice to that effect

has been posted at the Arsenal Building, informing the public that tickets for those days can be obtained by calling at the office of the Department of Public Parks, No. 265 Broadway, or of the Secretary of the Museum. A similar notice has been sent to all the Natural History Societies in the country. This arrangement, by furnishing opportunities to teachers to explain the specimens to their classes, will make the Museum an important part of the educational system of onr city, and afford facilities for students from other places.

JOHN DAVID WOLFE, *President.*
THEODORE ROOSEVELT, *Secretary.*

NEW-YORK, *November* 14*th*, 1871.

Dr. **The American Museum of Natural History** *in account with* HOWARD POTTER, TREASURER. **Cr.**

1871.	To Mounting Birds, Stands and Perches	$1,077 26	1871.	By Balance per Account, Cash 31st Dec., 1870	$762 36
	" Purchases in Europe	639 60		" Cash from John D. Wolfe	500 00
	" Freight and Expenses on do	150 72		" " Theodore Roosevelt	250 00
	" Purchases in this Country	260 00		" " A. G. P. Dodge	250 00
	" Salaries and Labor	2,813 38		" " Coleman T. Robinson	1,000 00
	" Insurance	262 50		" " James W. Pinchot	250 00
	" Printing, Stationery and Postage	344 75	Nov. 1,	Balance	3,708 79
	" Labels	121 20			
	" Architect's Bill	472 50			
	" Safe, and moving same	266 00			
	" Commissions on Collections	112 74			
	" Reception and Miscellaneous Expenses	165 51			
Nov. 1,	" Interest	34 99			
		$6,721 15			$6,721 15
"	" Balance, Cash 31st December, 1871	$3,708 79			

HOWARD POTTER.

NEW-YORK, *January 2d*, 1872.

Examined and approved. { ROBERT COLGATE. MORRIS K. JESUP. THEODORE ROOSEVELT. } *Auditing Committee.*