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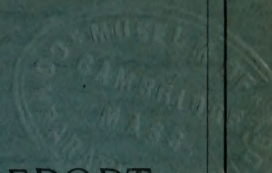
No. 6110

*May 26, 1891 — May 11, 1896*





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THE  
TWENTY-THIRD ANNUAL REPORT  
OF THE  
BOARD OF DIRECTORS  
OF THE  
ZOOLOGICAL SOCIETY  
OF PHILADELPHIA.

(INCORPORATED MARCH 21ST, 1859.)

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READ AT THE ANNUAL MEETING OF THE MEMBERS AND LOAN-  
HOLDERS OF THE SOCIETY.

APRIL 25th, 1895.

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PHILADELPHIA :  
ALLEN, LANE & SCOTT, PRINTERS,  
229 and 231 South Fifth Street.

1895.



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THE  
ZOOLOGICAL SOCIETY OF PHILADELPHIA.

OFFICE, FAIRMOUNT PARK.

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OFFICERS FOR THE YEAR ENDING APRIL 23d, 1896.

**PRESIDENT,**  
CHARLES PLATT.

**VICE-PRESIDENTS:**  
J. VAUGHAN MERRICK,            CHARLES W. TROTTER.

**CORRESPONDING SECRETARY,**  
PROF. HENRY C. CHAPMAN.

**RECORDING SECRETARY,**  
HENRY T. COATES.

**TREASURER,**  
WILLIAM HACKER.

**DIRECTORS:**

WILLIAM H. MERRICK,	CHRISTIAN C. FEBIGER,
ISAAC J. WISTAR,	DAVID W. SELLERS,
FRANCIS T. FASSITT,	SAMUEL G. DIXON, M. D.,
GALLOWAY C. MORRIS,	J. BAYARD HENRY,
FRANCIS W. LEWIS, M. D.,	JAMES B. LEONARD,
CHARLES M. LEA,	HARRY B. TYLER.

**ACTUARY,**  
CHARLES L. JEFFERSON.

**SUPERINTENDENT OF THE GARDEN,**  
ARTHUR ERWIN BROWN.

**SOLICITORS:**  
SAMUEL WAGNER,                    WM. W. MONTGOMERY.



# REPORT

OF THE

## BOARD OF DIRECTORS.

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PHILADELPHIA, April 25th, 1895.

THE Board of Directors of the Zoological Society of Philadelphia submit to the members and loan-certificate holders their Twenty-third Annual Report of the operations of the Society for the year ending on the 28th of February, 1895.

### MEMBERS.

The number of members at the close of the year was—

Annual members . . . . .	403
Life members . . . . .	1,345
Corresponding members . . . . .	9
Honorary members . . . . .	20
Perpetual members . . . . .	258
 Total . . . . .	 <u>2,035</u>

The following is a report in detail of the admissions and receipts for the year:—

Adults (paying at gates) . . . . .	120,396
Children (paying at gates) . . . . .	45,969
Members (including Life and Annual Members, loanholders' annual, and complimentary annual tickets) . . . . .	1,986
Loanholders' single tickets . . . . .	10,855
Free admissions (charitable institutions, donors' tickets, &c.)* . . . . .	2,757
Coupon tickets . . . . .	642
Excursion tickets . . . . .	18,104
	<u>200,709</u>

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\* In addition to these, 50,000 tickets were issued to the Board of Education, for the admission of pupils of the Public Schools.

*Monthly Record of Visitors for 1894-95, with corresponding account for 1893-94.*

MONTH.	1893-94.	1894-95.	COMPARISON.
March . . . . .	8,110	13,026	Increase . . 4,916
April . . . . .	17,686	16,202	Decrease . . 1,484
May . . . . .	27,608	23,195	" . . 4,413
June . . . . .	19,352	20,938	Increase . . 1,586
July . . . . .	31,711	22,018	Decrease . . 9,693
August . . . . .	26,634	31,151	Increase . . 4,517
September . . . . .	29,020	29,731	" . . 711
October . . . . .	17,333	20,917	" . . 3,584
November . . . . .	16,485	10,174	Decrease . . 6,311
December . . . . .	9,501	6,580	" . . 2,921
January . . . . .	6,787	3,587	" . . 3,200
February . . . . .	5,322	3,190	" . . 2,132
	215,549	200,709	Decrease . . 14,840

Average daily admissions . . . . . 550

The greatest number of visitors on any one day was  
on Saturday, October 6th . . . . . 4,772

*Monthly Record of Receipts from Admissions for 1894-95, with corresponding account for 1893-94.*

MONTH.	1893-94.	1894-95.	COMPARISON.
March . . . . .	\$1,503 90	\$2,056 82	Increase . . \$552 92
April . . . . .	2,810 66	2,509 11	Decrease . . 301 55
May . . . . .	3,743 76	2,966 10	" . . 777 66
June . . . . .	2,727 68	2,735 56	Increase . . 7 88
July . . . . .	4,795 67	3,272 97	Decrease . . 1,522 70
August . . . . .	3,743 46	4,129 28	Increase . . 385 82
September . . . . .	3,756 06	3,732 36	Decrease . . 23 70
October . . . . .	2,585 53	2,917 16	Increase . . 331 63
November . . . . .	1,996 29	1,399 09	Decrease . . 597 20
December . . . . .	1,207 64	1,013 85	" . . 193 79
January . . . . .	1,009 92	694 19	" . . 315 73
February, . . . . .	834 19	524 87	" . . 309 32
	\$30,714 76	\$27,951 36	Decrease . . \$2,763 40

Average daily receipts from admissions . . . . . \$76 58  
 The largest amount of receipts at the gates on any  
 one day was on Wednesday, July 4th . . . . . 679 19

*Total Receipts on the several days of the week, and their respective averages for 1894-95.*

RANK.	DAYS.	TOTAL RECEIPTS.	AVERAGE.
1	Sunday . . . . .	\$10,377 63	\$199 57
2	Saturday . . . . .	6,712 36	129 08
3	Wednesday . . . . .	2,821 76	54 26
4	Thursday . . . . .	2,424 43	45 74
5	Monday . . . . .	1,975 52	37 99
6	Friday . . . . .	1,847 12	35 52
7	Tuesday . . . . .	1,792 54	34 47
		\$27,951 36	

It may be regarded as certain that conditions more generally unfavorable to the financial prosperity of the Society have never existed than during the past year. The state of business deeply affecting the whole visiting public, the intense heat of the summer, and the length and severity of the winter, each played its part in reducing the admission receipts to a point so much below the necessary charges of maintenance that the opinion expressed in the report of last year may be emphasized—that the continuance of the Gardens through this term of depression would have been impossible, but for the appropriation made by the City Councils to the Commissioners of Fairmount Park.

The portion of this appropriation which was available only for permanent improvement of the grounds, was expended in building the foundations and walls of a house for monkeys. The construction of this building will be proceeded with during the coming year, and if any considerable reaction should take place in the affairs of the Society it is hoped that it may be ready for occupancy by the autumn of 1896.

By order of the Board.

HENRY T. COATES,

*Secretary.*

# APPENDIX A.

## INCOME AND EXPENDITURES.

For fiscal year ending March 1st, 1895.

### INCOME.

Members' fees and dues . . . . .	\$695 00	
Admission receipts . . . . .	27,951 36	
Rents at Garden . . . . .	1,000 00	
Interest, discount, &c. . . . .	1,307 48	
Sundry receipts . . . . .	838 61	
Sale of guide books . . . . .	136 05	
Special relief fund . . . . .	750 00	
Sales of animals . . . . .	598 50	
Received from the city of Philadelphia through the Commissioners of Fairmount Park . . . . .	10,000 00	
		<u>\$43,277 00</u>

### EXPENDITURES.

(Exclusive of Permanent Improvements, &c.)

Salaries and wages . . . . .	\$18,817 00	
Office expenses . . . . .	329 41	
General expenses . . . . .	17,365 96	
Purchase of animals . . . . .	6,638 87	
	<u>\$43,151 24</u>	
Balance to credit of profit and loss . . . . .	125 76	
		<u>\$43,277 00</u>

### CAPITAL.

Receipts and expenditures for the year ending March 1st, 1895.

### RECEIPTS.

Received from the city of Philadelphia through the Commissioners of Fairmount Park . . . . .	\$5,000 00	
Legacy, estate of John L. Neill, deceased . . . . .	1,537 48	
Legacy, estate of George S. Pepper, deceased . . . . .	1,875 00	
	<u>\$8,412 48</u>	

## EXPENDITURES.

New monkey house (on account of),	\$5,555 00	
Badger cage . . . . .	125 00	
	<u>          </u>	\$5,680 00
Balance (being excess of receipts over expenditure of capital and carried to investment account) . . . . .		2,732 48
		<u>          </u>
		<u><u>\$8,412 48</u></u>

WILLIAM HACKER,

*Treasurer.*

Examined and found correct.

GALLOWAY C. MORRIS,

HENRY T. COATES,

*Committee on Audit.*

## APPENDIX B.

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To the Board of Directors of the Zoological Society of Philadelphia:

GENTLEMEN:—I beg to submit to you my report of the conduct of the Gardens of the Society for the year ending on the 28th of February, 1895.

At that date the collection contained 251 mammals, 416 birds, and 245 reptiles and amphibians, or a total of 912 living specimens.

The full number received during the year, divided into classes, was:—

### MAMMALS:—

Purchased and exchanged . . . . .	72
Presented . . . . .	46
Bred in the Gardens . . . . .	16
	— 134

### BIRDS:—

Purchased and exchanged . . . . .	104
Presented . . . . .	46
Bred in the Gardens . . . . .	8
	— 158

### REPTILES AND AMPHIBIANS:—

Purchased and exchanged . . . . .	275
Presented . . . . .	120
Bred in the Gardens . . . . .	57
	— 452
	— 744

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The additions of especial interest were as follows:—

A young specimen of the eyra (*Felis eyra*), received from a dealer in New York on the 17th March, followed by a yaguarundi (*Felis yaguarundi*) on the 3d April, and a few



days later by a second, full-grown eyra. These cats, ranging from the Rio Grande region of Texas to Brazil, are rare in collections and have never previously been represented in our own. The arrival of these three specimens from independent sources within a few weeks was an interesting and fortunate incident.

Somewhat later in the season the purchase of a fishing cat (*Felis viverrina*) and a Bengalese cat (*Felis bengalensis*), both of India, raised the number of species of the cat family on exhibition at the time to thirteen.

On the 7th of April a young monkey was received from Mongnai, upper Burmah, which I have not satisfactorily identified, but which seems on the whole to resemble *Macacus leoninus* Blyth.

A pair of young red deer (*Cervus elaphus*) were purchased in April from A. E. Jamrach, of London. This fine species, the European representative of our wapiti, has not before been represented in the garden.

A pair of cereopsis geese (*Cereopsis novæ-hollandiæ*), from Australia, were purchased in April.

In the same month a lizard of unusual interest was received from Mr. Harold Hanauer, of London, to whose kind efforts the collection has owed many valuable specimens. This saurian (*Sphenodon punctatus*), found in New Zealand, is undoubtedly the oldest existing reptile, the group to which it belongs, being apparently the most primitive and generalized type known in the palæontological series, and containing probably the ancestors of most existing reptiles.

Two Texas cardinals (*Pyrrhuloxia sinuata*) were received in the same month by purchase.

In May a collection of water fowl was received from the Zoological Garden at Antwerp, and were placed in the new duck ponds constructed last year. Those which were new to the collection were the black-necked swan of South America (*Cygnus nigricollis*), the common sheldrake (*Tadorna tadorna*), and the ruddy sheldrake (*T. casarca*).

A rare parrot, the green-thighed caica (*Caica leucogastra*), from the Amazon, was also purchased, as were two Bahama

tanagers (*Spindalis zena*), and three black grosbeaks (*Loxigilla violacea*).

Two purple-capped lories (*Lorius domicella*), from the Moluccas, reached the Gardens in May.

A pair of the beautiful red-handed marmosets (*Midas rufimanus*), were purchased.

In June several valuable animals were purchased from Carl Hagenbeck, of Hamburg. Among them were a female bubaline antelope (*Alecephalus bubalis*), from North Africa, and a fine male beisa antelope (*Oryx beisa*), also from Africa. At the same time came a Derbian terrapin (*Sternothœrus derbianus*), and an Egyptian monitor (*Varanus niloticus*), presented by Herr Hagenbeck.

A specimen of a small but beautiful lizard from South America (*Cnemidophorus lemniscatus*) was purchased in June.

A female red brocket (*Cariacus rufus*) was received in July. Most of the known species of these small South American deer have now been exhibited in the collection.

A fine specimen of the Senegal touracou (*Turacus persa*) was received by purchase on the 19th of July, and is the first of the *Musophagidæ*, or plantain eaters, which has been in the possession of the Society.

Two lazuli buntings (*Passerina amoena*) were received from New Mexico in the same month.

One Cayenne jay (*Cyanocorax cayanus*), from Guiana, purchased in September.

To Mr. Harold Hanauer the collection is further indebted for three specimens of a mud turtle from South America, (*Cinosternum scorpioides*) and six examples of *Molge waltli*, a fine salamander found in Spain and Portugal.

Dr. Samuel G. Dixon presented on 1st October a gyrfalcon (*Falco candicans*), which was brought from Greenland by the Peary relief expedition of 1894.

A marsh hare (*Lepus palustris*), new to the collection, was deposited by the Wistar Institute of Anatomy.

Three Canada jays (*Perisoreus canadensis*) were purchased in January.

Other valuable additions were two young female cheetahs and an emu of the spotted variety, known as *Dromæus irrorata*, purchased in March; two wood ibis, a fine species from the southwestern States, rarely seen in collections; a yellow-crowned night heron from South America; a small hog-nosed snake (*Heterodon simus nasicus*), presented in June by Mr. H. W. Crawford, of San Marcial, New Mexico.

A pair of fine lions and two young European brown bears were purchased during the summer from Carl Hagenbeck, and a female ostrich was received in September.

Two cinereus sea eagles were presented on the 15th of January by Mr. John Bentz, of Philadelphia, and the second specimen of the tamandua anteater which the collection has contained was received on the same day. Unfortunately this specimen encountered severely cold weather on its way to the Gardens, and the results of exposure caused its early death.

The following animals were bred in the Gardens:—

1894.

May	2.	1 Monkey (Hybrid between <i>Macacus erythraeus</i> ♂ and <i>M. cynomolgus</i> ). ♀
"	4.	1 Hog Deer ( <i>Cervus porcinus</i> ).
"	21.	1 Virginia Deer ( <i>Cariacus virginianus</i> ).
"	22.	7 Golden Pheasants ( <i>Thaumalea picta</i> ).
"	23.	1 Hog Deer ( <i>Cervus porcinus</i> ).
June	3.	1 Hair Seal ( <i>Zalophus californianus</i> ).
"	9.	1 Fallow Deer ( <i>Cervus dama</i> ).
"	10.	1 Prairie Dog ( <i>Cynomys ludovicianus</i> ).
"	29.	1 Indian Antelope ( <i>Antelope cervicapra</i> ).
July	1.	1 Bison ( <i>Bison americanus</i> ).
"	4.	1 Indian Antelope ( <i>A. cervicapra</i> ).
"	21.	1 Ground Rattlesnake ( <i>Crotalophorus miliarius</i> ).
Aug.	6.	1 Raccoon ( <i>Procyon lotor</i> ).
"	25.	1 Llama ( <i>Lama peruana</i> ). ♂
"	29.	35 Water Snakes ( <i>Tropidonotus sipedon</i> ).
"	29.	7 Garter Snakes ( <i>Eutaenia sirtalis</i> ).
Sept.	12.	8 Diamond Rattlesnakes ( <i>Crotalus adamanteus</i> ).
"	18.	6 Ground Rattlesnakes ( <i>C. miliarius</i> ).

- Oct. 3. 1 Lion (*Felis leo*).  
 " 26. 1 Sing Sing Antelope (*Kobus sing-sing*).  
 Nov. 22. 1 Bison (*B. americanus*).♀

Work was begun in June on the new Monkey House which has been in contemplation for many years. The funds available were sufficient to put in the foundations and erect the greater part of the brick walls. Work will be continued during the coming summer, when it is hoped to place the whole structure under roof. The completed building will be 110 feet 10 inches in length by 53 feet 4 inches wide, including a conservatory 79 feet by 14 feet 6 inches, opening by wide arches into the main house. There will be large cages both inside and out, and the facilities and attractions of the Gardens will be much increased by its completion.

Respectfully,

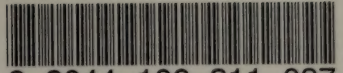
ARTHUR ERWIN BROWN,

*Superintendent.*

ZOOLOGICAL GARDENS, 1st March, 1895.







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