

EXPENDITURES FOR "INTERNATIONAL EXCHANGES," "AMERICAN ETHNOLOGY," ETC., FOR THE FISCAL YEAR ENDED JUNE 30, 1914.

LETTER FROM THE SECRETARY OF THE SMITHSONIAN INSTITUTION TRANSMITTING A DETAILED STATEMENT OF EXPENDITURES UNDER THE APPROPRIATIONS FOR "INTERNATIONAL EXCHANGES," "AMERICAN ETHNOLOGY," ETC., FOR THE FISCAL YEAR ENDED JUNE 30, 1914.

DECEMBER 9, 1914.—Referred to the Committee on Appropriations and ordered to be printed.

SMITHSONIAN INSTITUTION,
Washington, December 4, 1914.

SIR: I have the honor to submit herewith, in accordance with the provisions in the sundry civil acts of October 2, 1888, August 5, 1892, and March 3, 1899, a detailed statement of the expenditures for the fiscal year ended June 30, 1914, under the appropriations for "International Exchanges," "American Ethnology," the "Astrophysical Observatory," the "International Catalogue of Scientific Literature," the "National Museum," the "National Zoological Park," etc.

I have the honor to be,
Your obedient servant,

C. D. WALCOTT, *Secretary.*

Hon. CHAMP CLARK,
Speaker of the House of Representatives,
Washington, D. C.

International exchanges, Smithsonian Institution, 1914.

RECEIPTS.

Appropriation "International Exchanges, Smithsonian Institution, 1914"
(sundry civil act approved June 23, 1913).....\$32,000.00

DISBURSEMENTS.

Salaries or compensation:

1 assistant secretary, at \$250.....	\$2,958.33
1 chief clerk, at \$166.66 $\frac{2}{3}$	2,000.00
1 correspondence clerk, at \$150.....	1,800.00
1 clerk, at \$125.....	1,500.00
2 clerks, at \$120.....	1,920.00
1 clerk, at \$100.....	1,200.00
1 clerk, at \$80.....	960.00
1 clerk, at \$75.....	900.00
1 stenographer and typewriter, at \$83.33 $\frac{1}{3}$	1,000.00
1 library cataloguer, at \$80 and \$90.....	965.00
1 library cataloguer, at \$75.....	857.50
1 messenger boy at \$60.....	720.00
1 messenger boy, at \$40.....	26.67
1 messenger boy, at \$30.....	343.00
1 skilled laborer, at \$80.....	960.00
1 skilled laborer, at \$65.....	780.00
1 laborer, at \$50.....	600.00
1 carpenter, at \$95.....	285.00
1 agent, at \$75.....	900.00
1 agent, at \$20.83 $\frac{1}{3}$	250.00

Total salaries or compensation.....\$20,925.50

General expenses:

Books (directories, etc.).....	59.35
Boxes (packing).....	1,218.25
Freight, agency expenses, etc.....	6,918.51
Furniture, fixtures, tools, etc.....	203.29
Postage.....	700.00
Stationery.....	100.35
Supplies.....	235.03
Telephones.....	17.50

Total general expenses.....9,452.28

Total disbursements.....30,377.78

Balance July 1, 1914.....1,622.22

International exchanges, Smithsonian Institution, 1913.

Balance July 1, 1913, as per last report.....\$4,065.41

DISBURSEMENTS.

Salaries or compensation:

1 agent, at \$75.....	\$450.00
1 agent, at \$20.83 $\frac{1}{3}$	125.00
	<u>\$575.00</u>

General expenses:

Books (directories, etc.).....	36.35
Boxes (packing).....	588.00
Freight, agency expenses, etc.....	2,831.83
Furniture, fixtures, tools, etc.....	.50
Supplies.....	19.65
Stationery.....	9.81
Telephones and telegrams.....	4.25
	<u>3,490.39</u>
	<u>4,065.39</u>

Balance July 1, 1914......02

International exchanges, Smithsonian Institution, 1912.

Balance July 1, 1913, as per last report.....	\$0.31
No disbursements. Balance carried to credit of surplus fund.	

American Ethnology, Smithsonian Institution, 1914.

RECEIPTS.

Appropriation "American Ethnology, Smithsonian Institution 1914" (sundry civil act June 23, 1913).....	\$42,000.00
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DISBURSEMENTS.

Salaries or compensation:

1 ethnologist in charge, at \$250.....	\$3,000.00
3 ethnologists, at \$200.....	7,100.00
2 ethnologists, at \$150.....	3,600.00
1 ethnologist, at \$125.....	1,500.00
1 illustrator, at \$166.66.....	2,000.00
1 special ethnologist, at \$100.....	1,200.00
1 clerk, at \$166.66.....	666.67
2 clerks, at \$100.....	2,400.00
1 assistant stenographer and typewriter, at \$90; and clerk, at \$100.....	1,085.00
1 stenographer and typewriter, at \$70.....	840.00
1 typewriter, at \$50.....	162.00
1 copyist, at \$50.....	25.00
1 editor, at \$150.....	1,800.00
1 librarian, at \$116.66.....	1,400.00
1 assistant custodian of manuscripts, at \$40; assistant ethnologist, at \$100.....	780.00
1 messenger boy, at \$60.....	540.00
1 messenger boy, at \$30-\$40.....	380.00
1 messenger boy, at \$25.....	52.50
3 laborers, at \$50.....	1,210.83
2 laborers, at \$1.50 per day.....	12.00
1 carpenter, at \$95.....	237.50
Total salaries or compensation.....	\$29,991.50

General expenses:

Books.....	261.37
Drawings, maps, etc.....	263.50
Freight, hauling, etc.....	71.04
Furniture, fixtures, etc.....	271.71
Manuscript, etc.....	2,953.47
Miscellaneous.....	229.84
Office repairs, etc.....	89.00
Postage, telephone, and telegraph.....	115.44
Photographic and scientific equipment.....	616.84
Special services.....	1,315.22
Stationery.....	119.59
Supplies.....	252.31
Travel, field expenses, etc.....	2,802.60
Total general expenses.....	9,361.93

Total disbursements.....	39,353.43
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2,646.57

To amount of deposit Dec. 8, 1913, on account of voucher 2687.....	30.11
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Balance July 1, 1914.....	2,676.68
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American Ethnology, Smithsonian Institution, 1913.

Balance July 1, 1913, as per last report..... \$4,288.61

DISBURSEMENTS.

Books.....	\$145.07
Drawings, maps, etc.....	132.00
Freight, hauling, etc.....	46.96
Furniture, fixtures, etc.....	123.46
Lighting.....	
Manuscript, etc.....	1,638.54
Miscellaneous.....	103.08
Office repairs, etc.....	23.97
Postage, telephone, and telegraph.....	24.35
Rent.....	
Special services.....	339.00
Specimens.....	
Stationery.....	46.51
Supplies.....	73.63
Travel, field expenses, etc.....	340.38
Lumber.....	1.94

Total general expenses..... 3,038.89

1,249.72

To amount of deposit on account of disallowance in vouchers Nos. 675 and 846..... 1.02

Balance July 1, 1914..... 1,250.74

American Ethnology, Smithsonian Institution, 1912.

Balance July 1, 1913, as per last report..... 50.56

DISBURSEMENTS.

Books..... 5.25

Balance, carried to credit of surplus fund..... 45.31

Astrophysical Observatory, Smithsonian Institution, 1914.

RECEIPTS.

Appropriation "Astrophysical Observatory, Smithsonian Institution, 1914"
(sundry civil act June 23, 1913)..... \$13,000.00

DISBURSEMENTS.

Salaries or compensation:

1 director, at \$250.....	\$3,000.00
1 aid, at \$175.....	2,100.00
1 assistant, at \$130.....	1,560.00
1 clerk, at \$120.....	240.00
1 computer, at \$100.....	1,200.00
1 messenger boy, at \$40.....	480.00
1 instrument maker, at \$110.....	1,320.00
1 relief assistant engineer, at \$80.....	160.00
1 carpenter, at \$95.....	332.50
1 cleaner, at \$1.50 per day.....	196.50

Total salaries or compensation..... \$10,589.00

General expenses:

Apparatus.....	359.33
Books.....	110.04
Castings.....	2.25
Freight.....	157.48
Postage, telephone, and telegraph.....	49.19
Supplies, tools, etc.....	54.74

General expenses—Continued.

Travel, field expenses.....	\$821.33	
Furniture, fixtures, etc.....	5.22	
Special services.....	71.55	
Total general expenses.....		\$1,631.13
Total disbursements.....		\$12,220.13
Balance July 1, 1914.....		779.87

Astrophysical Observatory, Smithsonian Institution, 1913.

Balance, July 1, 1913, as per last report.....	\$516.38
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DISBURSEMENTS.

Apparatus.....	\$117.23	
Books.....	62.32	
Castings.....	3.93	
Freight.....	1.65	
Lighting.....	1.53	
Postage, telephone, and telegraph.....	14.75	
Supplies, tools, etc.....	45.78	
Repairs.....	124.30	
Furniture, fixtures, etc.....	2.00	
Stationery.....	.47	
Total general expenses.....		373.96
Balance, July 1, 1914.....		142.42

Astrophysical Observatory, Smithsonian Institution, 1912.

Balance, July 1, 1913, as per last report.....	612.59
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DISBURSEMENTS.

Observatory tower, etc.....	387.00
Balance, carried to credit of surplus fund.....	225.59

International Catalogue of Scientific Literature, Smithsonian Institution, 1914.

RECEIPTS.

Appropriation "International Catalogue, Smithsonian Institution, 1914" (sundry civil act, June 23, 1913).....	\$7,500.00
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DISBURSEMENTS.

Salaries or compensation:		
1 assistant in charge, at \$200.....	\$2,400.00	
1 classifier, at \$145.....	1,715.83	
1 clerk, at \$120.....	120.00	
1 clerk, at \$90.....	1,080.00	
1 clerk, at \$75.....	52.50	
1 cataloguer, at \$70.....	840.00	
1 messenger boy, at \$40.....	400.00	
Total salaries or compensation.....		\$6,608.33
General expenses:		
Postage, telephone, and telegraph.....	7.87	
Special services.....	136.00	
Stationery.....	12.54	
Furniture, fixtures, etc.....	15.17	
Total general expenses.....		171.58
Total disbursements.....		6,779.91
Balance July 1, 1914.....		720.09

International Catalogue of Scientific Literature, Smithsonian Institution, 1913.

Balance July 1, 1913, as per last report..... \$681.58

DISBURSEMENTS.

Postage, telephone, and telegraph..... \$51.75
 Special services..... 237.00
 Stationery..... 29.34
 Supplies..... 68.20
 Map..... 1.56
 Furniture, fixtures, etc..... 2.00

Total general expenses..... 389.85

Balance July 1, 1914..... 291.73

International Catalogue of Scientific Literature, Smithsonian Institution, 1912.

Balance July 1, 1913, as per last report..... \$25.95

No disbursements. Balance carried to credit of surplus fund.

Bookstacks for Government bureau libraries, Smithsonian Institution, 1914.

RECEIPTS.

Appropriation "Bookstacks for Government bureau
 libraries, Smithsonian Institution, 1914" (sundry
 civil act, approved June 23, 1913)..... \$15,000.00

DISBURSEMENTS.

Salaries or compensation:

1 stonecutter, at \$4 per day..... \$33.00
 1 steamfitter, at \$4 per day..... 156.00
 1 steamfitter's helper, at \$2 per day..... 78.00
 1 carpenter, at \$3.50 per day..... 22.75
 1 carpenter, at \$3 per day..... 12.00
 8 laborers, at \$1.50 per day..... 129.00

Total salaries or compensation..... \$430.75

General expenses:

Drawings, blue prints, etc..... 18.70
 Lumber..... 5.00
 Pipe, steam fittings, etc..... 163.28
 Special services..... 108.50
 Repairs to floors, wall, etc..... 714.00

Total general expenses..... 1,009.48

Total disbursements..... 1,440.23

Balance July 1, 1914..... 13,559.77

Furniture and fixtures, National Museum, 1914.

RECEIPTS.

Appropriation "Furniture and fixtures, National Museum, 1914" (sundry
 civil act approved June 23, 1913)..... \$50,000.00

DISBURSEMENTS.

Salaries or compensation:

1 shop foreman, at \$95..... \$1,140.00
 3 carpenters, at \$90..... 3,060.00
 1 cabinetmaker, at \$90..... 990.00
 1 cabinetmaker, at \$85 and \$90..... 1,030.00
 1 painter, at \$90..... 1,080.00

Salaries or compensation—Continued.

4 painters, at \$75.....	\$1,967.50
1 tinner, at \$70.....	140.00
1 tinner's helper, at \$60.....	356.00
1 skilled laborer, at \$75.....	225.00
1 skilled laborer, at \$55.....	660.00

Total salaries or compensation.....\$10,648.50

General expenses:

Cloth, cotton, etc.....	435.93
Compressed cork.....	345.00
Drawers, trays, boxes.....	4,969.62
Drawings.....	30.75
Exhibition cases.....	9,023.61
Frames, stands, miscellaneous woodwork.....	245.19
Glass.....	486.74
Hardware.....	1,074.67
Jars, vials.....	2,261.55
Lumber.....	1,614.72
Office and hall furniture and furnishings.....	1,461.78
Paints, oils, glue.....	223.72
Slate.....	17.64
Special services.....	378.76
Storage cases.....	6,381.48
Tiles.....	25.45
Tools.....	5.59

Total general expenses.....28,982.20

Total disbursements.....\$39,630.70

Balance July 1, 1914.....10,369.30

Furniture and fixtures, National Museum, 1913.

Balance July 1, 1913, as per last report.....\$11,617.95

DISBURSEMENTS.

Services other than personal:

Special and miscellaneous.....\$72.05

Materials not specifically adapted for use as supplies:

Metals and metallic products.....	342.06
Nonmetallic mineral products.....	82.20
Lumber and wood products.....	35.00
Fiber products.....	105.23
Paints and painters' materials.....	54.90
Hides, pelts, leather, and animal products.....	13.75

Supplies:

Stationery, drafting, scientific, and educational.....1,146.09

Equipment and parts:

Production and construction equipment.....	18.68
Furniture and furnishings.....	9,391.21
Caretaking and property equipment.....	3.60
Educational and scientific equipment.....	310.60

Total disbursements.....11,575.37

Balance July 1, 1914.....42.58

Furniture and fixtures, National Museum, 1912.

Balance July 1, 1913, as per last report.....\$1.54

No disbursements. Balance carried to credit of surplus fund.

Heating and lighting, National Museum, 1914.

RECEIPTS.

Appropriation, "Heating and lighting, National Museum, 1914" (sundry civil act approved June 23, 1913)..... \$50,000.00

DISBURSEMENTS.

Salaries or compensation:

1 engineer, at \$150.....	\$1,800.00
3 assistant engineers, at \$100.....	3,600.00
1 relief assistant engineer, at \$80.....	800.00
1 machinist, at \$80.....	704.00
1 steam fitter, at \$100.....	1,200.00
1 electrician, at \$100.....	1,197.50
1 electrician, at \$4 per diem.....	406.00
1 wireman, at \$75.....	177.50
1 electrician's helper, at \$60.....	118.00
1 plumber's assistant, at \$65.....	780.00
1 skilled laborer, at \$115.....	1,380.00
1 skilled laborer, at \$100.....	1,200.00
1 skilled laborer, at \$75.....	450.00
1 repairer and boiler cleaner, at \$70.....	525.00
6 firemen, at \$60.....	2,976.00
2 oilers, at \$60.....	1,440.00
2 blacksmiths, at \$70.....	364.00
1 telephone operator, at \$85.....	1,020.00
1 stenographer and telephone operator, at \$60.....	180.00
1 telephone operator, at \$2.50 per diem.....	32.50
5 elevator conductors, at \$60.....	2,417.00
1 laborer, at \$55.....	660.00
3 laborers, at \$50.....	1,777.50
1 laborer, at \$45 and \$50.....	569.50

Total salaries or compensation..... \$25,774.50

General expenses:

Coal and wood.....	10,507.71
Electrical supplies.....	1,928.57
Electricity.....	1,197.75
Gas.....	187.85
Heating supplies.....	2,737.45
Rent of call boxes.....	165.00
Special services.....	875.18
Telegrams.....	40.33
Telephones.....	683.31

Total general expenses..... 18,323.15

Total disbursements..... 44,097.65

Balance July 1, 1914..... 5,902.35

Heating and lighting, National Museum, 1913.

Balance July 1, 1913, as per last report..... \$12,689.65

DISBURSEMENTS.

Services other than personal:

Communication service.....	\$155.19
Furnishing of heat, light, power, and electricity.....	15.30
Special and miscellaneous.....	321.58

Materials not specifically adapted for use as supplies:

Metals and metallic products.....	1,110.56
Nonmetallic mineral products.....	575.36
Hides, pelts, leather, and animal products.....	3.96

Supplies:

Stationery, drafting, scientific, and educational.....	\$5. 30
Fuel (including burning and illuminating gases, oils, and liquids).....	1, 308. 00
Mechanics, engineers, and electricians supplies.....	157. 05
Equipment and parts:	
Heat, light, power, and electrical equipment.....	7, 593. 48
Production and construction equipment.....	1, 279. 58
Furniture and furnishings.....	12. 48

Total disbursements.....\$12, 537. 84

Balance July 1, 1914..... 151. 81

Heating and lighting, National Museum, 1912.

Balance July 1, 1913, as per last report..... \$124. 68

No disbursements. Balance carried to credit of surplus fund.

Preservation of collections, National Museum, 1914.

RECEIPTS.

Appropriation "Preservation of collections, National Museum, 1913"

(sundry civil act June 23, 1913)..... \$300, 000. 00

DISBURSEMENTS.

Salaries or compensation:

Scientific and administrative staff—

1 assistant secretary.....	\$5, 000. 00
1 administrative assistant.....	3, 500. 00
3 head curators, at \$3,500.....	10, 500. 00
8 curators, at \$2,400.....	18, 800. 00
1 associate curator.....	1, 920. 00
1 acting associate curator, at \$2,400....	400. 00
2 assistant curators, at \$2,040.....	4, 080. 00
1 assistant curator, at \$2,000.....	1, 666. 68
6 assistant curators, at \$1,800.....	10, 065. 00
1 assistant curator, at \$1,500 and \$1,800.	955. 84
1 assistant curator, at \$1,600.....	266. 68
3 assistant curators, at \$1,500.....	4, 490. 63
1 assistant curator.....	1, 440. 00
1 chief of exhibits.....	2, 200. 00
1 expert ichthyologist, at \$2,400.....	1, 193. 33
1 aid.....	1, 560. 00
10 aids, at \$1,200.....	9, 116. 67
2 aids, at \$900.....	1, 763. 75
2 philatelists, at \$1,200.....	1, 163. 34
	\$80, 081. 92

Chiefs of offices—

1 superintendent of construction and labor.....	2, 520. 00
1 chief of correspondence.....	2, 400. 00
1 disbursing agent, at \$2,000.....	1, 977. 78
1 property clerk.....	1, 680. 00
1 registrar.....	2, 004. 00
1 editor.....	2, 004. 00
1 assistant librarian.....	1, 600. 00
1 photographer.....	2, 100. 00
	16, 285. 78

Preparators and recorders—

1 chief taxidermist.....	2, 000. 00
1 taxidermist, at \$1,500.....	1, 275. 00
1 taxidermist.....	1, 320. 00
1 assistant taxidermist.....	720. 00

Salaries or compensation—Continued.

Preparators and recorders—Continued.

1 osteologist.....	\$1,200.00
1 plaster and papier-mâché worker, at \$1,200.....	1,176.67
3 preparators, at \$1,500.....	2,854.17
4 preparators, at \$1,200.....	2,713.33
1 preparator.....	960.00
3 preparators, at \$900.....	2,697.50
2 preparators, at \$840.....	1,425.67
5 preparators, at \$720.....	2,894.00
4 assistant preparators, at \$720.....	2,225.00
1 preparator and mounter, at \$720 and \$900.....	832.50
4 preparators, at \$600.....	1,571.66
1 workman.....	840.00
2 skilled laborers, at \$900.....	1,125.00
2 skilled laborers, at \$720.....	1,440.00
1 skilled laborer, at \$600 and \$720.....	632.67
1 skilled laborer.....	600.00
1 photographic assistant.....	600.00
1 classifier.....	1,200.00
2 recorders, at \$1,200.....	2,200.00
1 cataloguer, at \$1,080.....	180.00
1 cataloguer.....	1,020.00
6 cataloguers, at \$900.....	3,971.25
1 cataloguer, at \$720 and \$900.....	735.00
1 cataloguer, at \$840.....	39.67
1 cataloguer, at \$720 and \$780.....	642.83
12 cataloguers, at \$720.....	5,097.00
	\$46,188.92

Clerical staff:

1 finance clerk.....	1,920.00
1 editorial assistant.....	1,600.00
1 clerk.....	1,680.00
1 clerk.....	1,600.00
1 clerk, at \$1,440.....	600.00
2 clerks, at \$1,400.....	2,800.00
1 clerk.....	1,200.00
3 clerks, at \$1,080.....	3,235.50
1 clerk.....	1,020.00
6 clerks, at \$960.....	5,760.00
3 clerks, at \$900.....	2,337.50
1 clerk.....	720.00
1 stenographer.....	2,000.00
1 stenographer and typewriter, at \$1,800.....	750.00
1 stenographer and typewriter, at \$1,500.....	625.00
5 stenographers and typewriters, at \$1,200.....	4,820.00
4 stenographers and typewriters, at \$900.....	2,050.00
14 stenographers and typewriters, at \$720.....	2,718.00
1 clerk and preparator.....	900.00
1 typewriter, at \$900.....	278.75
1 typewriter, at \$720.....	443.50
1 stenographer and telephone operator, at \$720.....	300.00
1 mail carrier.....	600.00
1 messenger, at \$480 and \$600.....	429.33
1 messenger, at \$360 and \$600.....	390.00
1 messenger.....	480.00
1 messenger, at \$360 and \$480.....	415.00
10 messengers, at \$360.....	1,725.00

43,397.58

Salaries or compensation—Continued.

Watch, mechanical, labor, and cleaning force:

1 captain of watch.....	\$1,200.00
3 lieutenants of watch, at \$900.....	2,700.00
1 watchman.....	780.00
76 watchmen, at \$720.....	34,953.00
1 foreman, at \$1,140.....	95.00
1 carpenter, at \$1,140.....	285.00
1 cabinetmaker, at \$1,080.....	90.00
2 carpenters, at \$1,080.....	1,260.00
1 painter, at \$900.....	75.00
1 tinner, at \$840.....	70.00
2 foremen of laborers, at \$1,020.....	2,040.00
41 laborers, at \$600.....	22,496.24
3 laborers, at \$540 and \$600.....	1,676.17
21 laborers, at \$540.....	4,904.62
1 laborer, at \$2.50 per diem.....	102.50
1 forewoman.....	360.00
2 charwomen, at \$300.....	600.00
69 charwomen, at \$240.....	12,702.74
2 attendants, at \$480.....	884.00
1 attendant, at \$1.50 per diem.....	273.00
1 attendant, at \$1.25 per diem.....	219.38
	\$87,766.65

Total salaries or compensation..... 273,720.85

General expenses:

Drawings and illustrations.....	1,257.57
Freight and cartage.....	1,547.27
Special services.....	3,723.96
Specimens.....	1,848.93
Stationery.....	1,401.54
Supplies.....	6,472.20
Travel.....	2,374.96

Total general expenses..... 18,626.43

Total disbursements..... \$292,347.28

Balance July 1, 1914..... 7,652.72

Preservation of collections, National Museum, 1913.

Balance July 1, 1913, as per last report..... \$17,393.57

DISBURSEMENTS.

Services other than personal:

Transportation of persons.....	\$157.81
Transportation of things.....	829.30
Subsistence and support of persons.....	95.93
Special and miscellaneous services.....	4,895.87

Materials not specifically adapted for use as supplies or structures:

Metals and metallic products.....	49.20
Nonmetallic mineral products.....	39.30
Fiber products.....	91.93
Paints and painters' materials.....	8.40

Supplies:

Stationery, drafting, scientific, and educational.....	1,109.10
Mechanics', engineers', and electricians'.....	27.49
Cleaning and toilet.....	70.96
Wearing apparel and hand-sewing.....	16.00
Special and miscellaneous.....	91.45

Equipment and parts:

Production and construction equipment.....	737.14
Transporting and conveying equipment.....	255.13

Equipment and parts—Continued.

Furniture and furnishings.....	\$73. 44	
Caretaking and property equipment.....	345. 34	
Educational and scientific equipment.....	4, 798. 35	
Special and miscellaneous equipment.....	26. 64	
Fixed charges, etc.:		
Rent of office equipment.....	16. 50	
Total expenditure.....		\$13, 735. 28
Deposit on account of voucher No. 2420.....		3, 658. 29
		. 86
Balance July 1, 1914.....		3, 659. 15

Preservation of collections, National Museum, 1912.

Balance July 1, 1913, as per last report..... \$1, 355. 75

DISBURSEMENTS.

Services other than personal:		
Transportation of things.....	\$91. 50	
Special and miscellaneous.....	558. 30	
Equipment and parts:		
Educational and scientific equipment.....	265. 10	
Total expenditure.....		914. 90
Balance July 1, 1914, to credit of surplus fund.....		440. 85

Building repairs, National Museum, 1914.

RECEIPTS.

Appropriation, "Building repairs, National Museum, 1914" (sundry civil act approved June 23, 1913)..... \$10, 000. 00

DISBURSEMENTS.

Salaries or compensation:		
1 foreman, at \$95.....	\$1, 045. 00	
4 painters, at \$75.....	382. 50	
1 tinner, at \$70 and \$75.....	640. 00	
1 tinner, at \$4 per diem.....	188. 00	
1 tinner's helper, at \$60.....	240. 00	
1 tinner's helper, at \$2 per diem.....	96. 00	
1 laborer, at \$50.....	600. 00	
Total salaries or compensation.....		\$3, 191. 50
General expenses:		
Drawings.....	20. 00	
Glass.....	106. 26	
Hardware, tools.....	556. 42	
Iron gates.....	92. 50	
Lumber.....	16. 64	
Painting.....	1, 589. 30	
Paints, oils, glue, etc.....	182. 11	
Plaster, cement, marble, sand.....	41. 18	
Plastering.....	290. 25	
Plumbing material.....	35. 25	
Repairs to roofs, etc.....	366. 25	
Special services.....	63. 50	
Venetian mosaic floorings, etc.....	2, 150. 06	
Total general expenses.....		5, 509. 72
Total disbursements.....		8, 701. 22
Balance July 1, 1914.....		1, 298. 78

Building repairs, National Museum, 1913.

Balance July 1, 1913, as per last report..... \$576. 05

DISBURSEMENTS.

Services other than personal:

Special and miscellaneous services..... \$280. 00

Materials not specifically adapted for use as supplies:

Metals and metallic products..... 8. 97

Nonmetallic mineral products..... 13. 49

Fiber products..... 9. 75

Paints and painters' materials..... 183. 15

Supplies:

Mechanics, and engineers' supplies..... 14. 25

Equipment and parts:

Production and construction equipment..... 65. 30

Total expenditure..... 574. 91

Balance July 1, 1914..... 1. 14

Building repairs, National Museum, 1912.

Balance, July 1, 1913, as per last report..... \$18. 44

No disbursements. Balance carried to credit of surplus fund.

Building, National Museum.

Balance, July 1, 1913, as per last report..... \$1, 613. 25

No disbursements. Balance carried to credit of surplus fund.

Books, National Museum, 1914.

RECEIPTS.

Appropriation "Books, National Museum, 1914" (sundry civil act June 23, 1913)..... \$2, 000. 00

DISBURSEMENTS.

Books, pamphlets, and periodicals..... 908. 65

Balance July 1, 1914..... 1, 091. 35

Books, National Museum, 1913.*

Balance July 1, 1913, as per last report..... \$845. 21

DISBURSEMENTS.

Books, pamphlets, and periodicals..... 834. 54

Balance July 1, 1914..... 10. 67

Books, National Museum, 1912.

Balance July 1, 1913, as per last report..... \$26. 54

DISBURSEMENTS.

Books, pamphlets, and periodicals..... 1. 84

Balance carried to credit of surplus fund..... 24. 70

Postage, National Museum, 1914.

RECEIPTS.

Appropriation "Postage, National Museum, 1914" (sundry civil act June 23, 1913).....	\$500. 00
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DISBURSEMENTS.

Postage stamps and postal cards.....	500. 00
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Printing and binding, 1914.

RECEIPTS.

Appropriation "For the Smithsonian Institution, for printing and binding the annual reports of the Board of Regents, with general appendixes, \$10,000; under the Smithsonian Institution, for the annual reports of the National Museum, with general appendixes, and for printing labels and blanks, and for the bulletins and proceedings of the National Museum, the editions of which shall not exceed 4,000 copies, and binding, in half morocco or material not more expensive, scientific books and pamphlets presented to or acquired by the National Museum Library; \$37,500; for the annual reports and bulletins of the Bureau of American Ethnology, and for miscellaneous printing and binding for the bureau, \$21,000; for miscellaneous printing and binding for the International Exchanges, \$200; the International Catalogue of Scientific Literature, \$100; the National Zoological Park, \$200; for miscellaneous printing and binding for the Astrophysical Observatory, \$200: *Provided*, That any unexpended balance of the allotment for 1913 of \$2,000 for 1,500 copies of volume 3 of the Annals of the Astrophysical Observatory is hereby made available for the fiscal year ending June 30, 1914, and for the Annual Report of the American Historical Association, \$7,000; in all, \$76,200" (sundry civil act, June 23, 1913).....

\$76, 200. 00

DISBURSEMENTS.

Smithsonian Institution.....	\$8, 519. 49
National Museum.....	37, 489. 60
American Ethnology.....	14, 171. 39
International Exchanges.....	197. 26
International Catalogue of Scientific Literature.....	78. 97
National Zoological Park.....	192. 54
Astrophysical Observatory.....	199. 64
American Historical Association.....	6, 999. 86

Total disbursements.....	67, 848. 75
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Balance July 1, 1914	8, 351. 25
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National Zoological Park, 1914.

RECEIPTS.

Appropriation "National Zoological Park, 1914" (sundry civil act June 23, 1913).....	\$100, 000. 00
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DISBURSEMENTS.

Salaries or compensation:

1 assistant secretary, at \$500.....	\$493. 04
1 superintendent, at \$275.....	2, 933. 32
1 assistant superintendent, at \$200.....	1, 253. 33
1 clerk, at \$166. 67.....	1, 333. 33
1 clerk, at \$135.....	1, 597. 50
1 clerk, at \$100.....	56. 67
1 clerk, at \$60.....	332. 00
1 stenographer, at \$150.....	1, 050. 00
1 typewriter, at \$75.....	900. 00
1 messenger boy, at \$30.....	156. 00
1 head keeper, at \$150.....	1, 800. 00
2 keepers, at \$70.....	1, 680. 00

Salaries or compensation—Continued.

10 keepers, at \$65.....	\$7, 800. 00
1 keeper, at \$62.50.....	750. 00
1 keeper, at \$60.....	720. 00
1 sergeant of watch, at \$75.....	899. 38
5 watchmen, at \$70.....	4, 200. 00
1 watchman, at \$60 and \$70.....	780. 00
1 attendant, at \$25.....	300. 00

Total salaries or compensation..... \$29, 034. 57

Wages of mechanics, etc.:

1 machinist, at \$125.....	1, 308. 33
1 carpenter, at \$85.....	1, 020. 00
1 assistant foreman, at \$75.....	800. 00
1 workman, at \$75.....	900. 00
1 blacksmith, at \$70.....	840. 00
3 classified laborers, at \$70.....	2, 403. 32
1 classified laborer, at \$65.....	721. 50
1 laborer, at \$65.....	780. 00
1 laborer, at \$62.50.....	750. 00
3 laborers, at \$55.....	1, 915. 83
2 laborers, at \$50.....	1, 200. 00
1 laborer, at \$45.....	540. 00
1 classified laborer, at \$2.25 per diem.....	652. 50
2 classified laborers, at \$2 per diem.....	1, 271. 00
3 laborers, at \$2.25 per diem.....	2, 249. 45
15 laborers, at \$2 per diem.....	6, 024. 50
1 laborer, at \$1.75 and \$2 per diem.....	282. 00
14 laborers, at \$1.75 per diem.....	3, 524. 61
13 laborers, at \$1.50 per diem.....	1, 892. 26
3 laborers, at \$1.25 per diem.....	486. 57
1 laborer and attendant, at \$1 per diem.....	32. 00
6 laborers, at \$1 per diem.....	601. 50
2 teams, at \$4.80 per diem.....	322. 80

Total wages of mechanics, etc..... 30, 518. 17

Total salaries, compensation, and wages..... 59, 552. 74

General expenses:

Building materials.....	1, 972. 52
Fencing, cage material, etc.....	1, 587. 57
Food for animals.....	21, 394. 56
Freight, cartage, transportation of animals, etc.....	2, 290. 33
Fuel.....	1, 881. 05
Lighting and power.....	146. 20
Lumber.....	768. 31
Machinery, tools, implements, hardware, etc.....	588. 44
Miscellaneous supplies and services.....	1, 289. 37
Office furniture.....	74. 40
Paints, oils, glass, etc.....	259. 38
Postage, telephone, and telegraph.....	152. 76
Professional services.....	6. 00
Purchase of animals.....	1, 310. 65
Repairs to vehicle.....	92. 00
Road material, etc.....	160. 59
Stationery, books, etc.....	91. 12
Travel, field expenses, etc.....	54. 55
Trees, plants, etc.....	52. 15
Water supply, sewerage, etc.....	67. 01

Total general expenses..... 34, 238. 96

Total disbursements..... \$93, 791. 70

To deposit on account of voucher No. 3516..... 6, 208. 30
2. 00

Balance, July 1, 1914..... 6, 210. 30

National Zoological Park, 1913.

Balance July 1, 1913, as per last report..... \$9,459.75

DISBURSEMENTS.

Building material.....	\$170.84
Fencing, cage materials, etc.....	942.24
Food for animals.....	1,534.22
Freight, cartage, transportation of animals, etc.....	198.08
Horse, for draft purposes.....	220.00
Lighting and power.....	5.15
Lumber.....	195.38
Machinery, tools, implements, hardware, etc.....	166.88
Miscellaneous supplies and services (including bicycle for watchman, \$36).....	753.40
Office furniture.....	3.25
Paints, oils, glass, etc.....	204.47
Postage, telephone, and telegraph.....	102.25
Professional services.....	12.00
Purchase of animals.....	4,116.29
Road, walk, and bridge materials.....	81.31
Stationery, books, etc.....	15.61
Travel, field expenses, etc.....	321.46
Water supply, sewerage, etc.....	407.74

Total disbursements..... 9,450.57

Balance July 1, 1914..... 9.18

National Zoological Park, 1912.

Balance July 1, 1913, as per last report..... \$186.83

DISBURSEMENTS.

Purchase of animals..... 185.00

Balance July 1, 1914, to credit of surplus fund..... 1.83

Bridge over Rock Creek, National Zoological Park.

Balance July 1, 1913, as per last report..... \$18,224.02

DISBURSEMENTS.

Salaries, compensation, labor, etc.:	
1 superintendent, at \$275.....	\$366.68
1 clerk, at \$135.....	22.50
1 engineer, at \$6 per diem.....	534.00
2 inspectors, at \$5 per diem.....	325.00
1 machinist, at \$125.....	191.67
1 assistant foreman, at \$75.....	100.00
1 classified laborer, at \$70.....	58.34
1 classified laborer, at \$65.....	58.50
1 laborer, at \$55.....	64.17
1 classified laborer, at \$2.25 per diem.....	72.00
1 classified laborer, at \$2 per diem.....	20.00
2 laborers, at \$2.25 per diem.....	56.25
9 laborers, at \$2 per diem.....	412.00
9 laborers, at \$1.75 per diem.....	378.00
5 laborers, at \$1.50 per diem.....	72.75
1 wagon and team, at \$4.80 per diem.....	86.40

Total salaries, compensation, labor, etc..... \$2,818.26

General expenses:

Advertising.....	\$49.00
Contract for bridge (including additional work) ..	10,914.04
Implements, etc.....	31.74
Lumber.....	9.60
Removing old bridge.....	237.00
Stationery.....	1.25
Stone.....	1,119.46
Terra-cotta pipe.....	25.00
Total general expenses.....	<u>\$12,387.09</u>
Total disbursements.....	<u>\$15,205.35</u>
Balance July 1, 1914.....	3,018.67

Combined abstract of disbursements from July 1, 1913, to June 30, 1914.

FROM APPROPRIATION FOR FISCAL YEAR 1914.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astronomical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
2072a	D. Terzian.....	\$5.00										
2163a	Washington Railway & Electric Co.....	10.00										
2163b	Charles H. Ourand.....		\$6.75									
2163c	The Evening Star Newspaper Co.....											\$7.65
2168a	Lydia M. Green.....	35.60										
2168b	Thomas Browne.....				\$49.50							
2172a	William Baake.....								\$125.00			
2176	Joseph Mace.....	41.67										
2177	Pay roll.....	1,420.02										
2178	do.....	21,367.73										
2179	do.....		\$35.00									
2180	do.....			\$2,082.50								
2181	do.....				120.00							
2182	do.....						\$5,228.99					
2183	do.....								2,600.84			
2184	do.....							\$1,557.17				
2185	do.....									\$925.50		
2186	do.....										\$557.50	
2187	do.....											386.26
2222	Chas. M. Stieff.....	5.00										
2223	John H. Hinrichs.....				297.00							
2242	J. N. B. Hewitt.....								129.22			
2245	The Warren F. Brenizer Co.....											2,906.87
2246	J. W. Gidley.....	21.50										
2250	Geo. W. Stuart.....											
2251	John H. Hinrichs.....				700.00		229.50					
2254	R. D. Mesler.....	11.25										
2351	Fidelity Storage & Warehouse Co.....	31.75										
2352	Henry L. Scott & Co.....	10.05										
2353	Lydia M. Green.....	9.00										
2354	Walter Hough.....	9.40										
2355	National Laundry Co.....	26.10										
2356	Washington Gas Light Co.....			9.86								
2357	Hoover & Denham.....						595.04					
2358	F. A. Denison & Co.....						207.47					

2359	Chas. Schneider Baking Co.....					34.12					
2360	W. M. Galt & Co.....					365.13					
2361	The Hoge & McDowell Co.....					285.94					
2362	Washburn-Crosby Co.....					56.40					
2363	Browning & Middleton (Inc.).....					36.00					
2364	C. C. Davis.....					3.00					
2365	C. H. Kattelmann.....					3.42					
2366	Jordan Stabler Co.....					14.50					
2367	G. W. Stevens.....					28.00					
2368	P. Mann & Co.....					8.25					
2369	D. H. Mudd and W. A. Brown.....					6.75					
2370	Melville D. Lindsay.....					63.81					
2371	The E. Morrison Paper Co.....					2.50					
2372	Howell's Microcosm.....					4.80					
2373	Becker's Leather Goods Co.....					1.16					
2374	Hugh Reilly Co.....					25.99					
2375	Miller & Graham.....					46.40					
2376	Lansburgh & Bro.....					4.79					
2377	Easthampton Rubber Thread Co.....							8.00			
2378	W. J. Dyer & Bro.....							7.20			
2379	Austin Baldwin & Co. (Inc.).....						62.71				
2381	Elmer Hannan.....	30.00									
2382	The H. W. Wilson Co.....							18.00			
2383	Leo J. Frachtenberg.....							34.90			
2384	Chesapeake & Potomac Telephone Co.....							7.50			
2385	R. P. Clarke Co.....							5.40			
2386	United States Envelope Co.....							4.20			
2387	John R. Swanton.....							228.54			
2405	C. G. Abbot.....								258.05		
2406	Joseph Mace.....	41.67									
2407	M. C. Huddleston & Co.....				198.00						
2408	Pay roll.....	1,370.01									
2409	do.....	21,427.37									
2410	do.....		745.00								
2411	do.....			2,070.00							
2412	do.....				215.00						
2413	do.....					5,590.31					
2414	do.....							2,565.01			
2415	do.....						1,590.00				
2416	do.....								924.00		
2417	do.....									505.00	
2418	do.....										365.67
2449	Lydia M. Green.....	20.00									
2450	Ruth G. Collette.....	6.00									
2451	Potomac Electric Power Co.....			589.50							
2452	Mutual District Messenger Co.....			15.00							
2453	Joseph C. Murray.....				145.00						
2454	F. W. Hodge.....							155.43			
2456	W. E. Scolllick.....	50.00									
2457	The Pennsylvania R. R. Co.....	6.00									

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATIONS FOR FISCAL YEAR 1914—Continued.

Vouch- er No.	To whom paid.	United States National Museum.					National Zoological Park.	Inter- national Ex- changes.	Ameri- can Eth- nology.	Astro- physical Observa- tory.	Inter- national Catalogue of Scientific Litera- ture.	Bridge over Rock Creek National Zoological Park (no year).
		Preserva- tion of collec- tions.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
2458	Truman Michelson.....	\$25.00										
2501	A. M. Nicholson.....						\$42.00					
2502	Poy G. Akin.....						100.00					
2503	Victor Grillet.....						2.50					
2504	Truman Michelson.....								\$51.20			
2505	James Mooney.....								42.10			
2506	D. I. Bushnell, jr.....								100.00			
2507	John B. Torbert.....								4.50			
2508	New York Central & Hudson River Railroad Co.								25.55			
2509	St. Louis & San Francisco Railroad.....								15.10			
2510	Chesapeake & Potomac Telephone Co.											
2511	Paul Bartsch.....									\$0.88		
2512	Chesapeake & Potomac Telephone Co.									19.50		
2513	F. H. Pitcher.....							\$1.75				
2514	Park Novelty Co.....							4.62				
2515	Chesapeake & Potomac Telephone Co.							2.50				
2525	W. P. Carr.....	4.00									\$0.87	
2526	Henry Pittier.....	4.79										
2527	Austin Baldwin & Co. (Inc.).....	7.77										
2528	Karl W. Hiersemann.....					\$2.46						
2529	Geo. W. Stuart.....						210.50					
2531	Woodruff Manufacturing Co. (Inc.).....		\$39.49									
2533	Louise E. Hogan.....	200.00										
2535	Bill Leaf.....	50.00										
2536	Chesapeake & Potomac Telephone Co.											
2537	John H. Hinrichs.....			\$62.49								
2538	Mutual District Messenger Co.....			25.00								
2539	Washington Gas Light Co.....			15.00								
2540	H. L. Dorsey Co.....			7.99								
2541	O. L. Wolfsteiner Co.....			220.00								
2542	Harry B. Bradford.....	9.00			\$64.00							
2543	F. A. Brockhaus.....					2.44						
2544	Thomas Browne.....				25.00							
2545	Adams Express Co.....								.50			
2546	United States Express Co.....								5.07			

2547	Truman Michelson								136.20			
2548	The Pennsylvania Railroad Co.								31.75			
2549	Columbia Photo Supply Co. (Inc.)								5.33			
2550	W. J. Dyer & Bro.								14.40			
2551	Louis Hartig								2.55			
2552	W. H. Lowdermilk & Co.								16.55			
2553	E. J. Pullman								2.00			
2554	Shoemaker & Busch								1.20			
2555	G. E. Stechert & Co.								1.65			
2556	A. V. Bomer						2.35					
2557	Washington City post office							5.00				
2558	Frank F. Thomas						39.00					
2559	Oelrichs & Co., forwarding department							92.54				
2560	Lamb & Tilden (Inc.)							1.08				
2561	Philip Lindemeyer							77.72				
2562	E. J. Murphy Co. (Inc.)							2.60				
2563	The Oliver Typewriter Co.							5.00				
2564	J. H. Thiemeier Co.							253.50				
2565	Oelrichs & Co., forwarding department							208.97				
2566	Adams Express Co.								12.95			
2567	Merchants Transfer & Storage Co.								.75			
2568	The Pennsylvania Railroad Co.								102.95			
2569	M. E. Kahler								2.00			
2570	Mackall Bros.								.91			
2571	Sorensen Bros.								4.00			
2572	Fred. J. White								2.25			
2573	A. Allemann									9.50		
2574	Truman Michelson		1.75									
2575	Field Trading Co., (Ltd.)		210.75									
2576	Beggs & Graham			18.00								
2577	The Elmer H. Catlin Co.			90.00								
2578	W. T. Gallher & Bro., (Inc.)			33.40								
2579	The Hammond Typewriter Co.			70.00								
2580	Whitall Tatum Co.			19.83								
2581	Lansburgh & Bro.			294.35								
2582	W. A. H. Church			15.00								
2583	American Engineering Co.				19.21							
2584	The Carroll Electric Co.				24.00							
2585	N. M. Minnix Co. (Inc.)				2.50							
2586	Quaker City Rubber Co.				16.69							
2587	Lansburgh & Bro.				14.73							
2588	John H. Hinrichs					254.00						
2589	Rosslyn Supply Co.					4.80						
2590	W. A. H. Church					7.68						
2591	Riley D. Moore		5.00									
2592	National Laundry Co.		22.02									
2593	Bedell Manufacturing Co.			18.86								
2594	The O. M. Edwards Co.			21.60								
2595	W. B. Moses & Sons			30.24								
2596	Fairbanks, Morse & Co.				4.04							
2597	The Williams Gauge Co.				10.50							
2598	Hugh Reilly Co.					39.13						

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATIONS FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
2614	The American Chemical Society.....					\$6.00						
2615	Annals of the Entomological Society of America.....					3.00						
2616	Samuel Buckley & Co.....					7.75						
2617	Wistar Institute of Anatomy and Biology.....					5.00						
2618	Hoover & Denham.....						\$568.18					
2619	The Thos. A. Cannon Co.....						178.92					
2620	The Chas. Schneider Baking Co.....						28.00					
2621	W. M. Galt & Co.....						420.01					
2622	The Hoge & McDowell Co.....						207.56					
2623	Washburn Crosby Co.....						75.20					
2624	F. G. Swaine & Son.....						6.90					
2625	West Disinfecting Co.....						51.85					
2626	M. E. Caton.....						14.25					
2627	Chesapeake & Potomac Telephone Co.....						34.62					
2628	Hugh Reilly Co.....						41.18					
2629	J. W. Hunt & Co.....						8.80					
2630	National Electrical Supply Co.....						15.00					
2631	Columbia Granite & Dredging Co.....						10.00					
2632	American Ice Co.....						59.04					
2633	J. B. Kendall Co.....						3.12					
2634	Gustave C. Gennert.....						2.40					
2635	J. V. Bates.....						5.00					
2639	Murray Bros.....				\$120.00							
2640	The Science Press.....					8.00						
2641	G. W. Forsberg.....						7.57					
2642	John B. Espey Co. (Inc.).....						1.00					
2643	Wm. H. Horstmann Co.....						6.78					
2644	Shoemaker & Busch.....						2.90					
2645	Wm. Ramsay.....						3.00					
2646	D. H. Mudd and W. A. Brown.....						6.75					
2647	Potomac Electric Power Co.....						6.15					
2648	F. S. Gichner.....						71.50					
2649	Brentano's.....											\$1.25
2650	Columbia Granite & Dredging Co.....											92.36
2656	Leo J. Frachtenberg.....								\$222.53			

H D-63-3-Vol 105-51

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATIONS FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astronomical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
2714	Arthur F. Carroll.....						\$12.50					
2715	Western Union Telegraph Co.....						4.32					
2716	Reflex Camera Co.....						1.17					
2717	J. Edw. Chapman.....						43.20					
2718	National Mortar Co.....						99.00					
2719	Ben. Einstein.....						16.00					
2720	W. T. Galliher & Bro.....						105.60					
2721	Rudolph & West Co.....						73.62					
2722	Louis Hartig.....						40.16					
2724	Z. D. Gilman.....	\$18.07										
2725	Hess-Hawkins Co.....	2.75										
2726	Wm. Hahn & Co.....	5.22										
2727	Albert L. Johnson.....	4.68										
2728	The Kny-Scheerer Co.....	9.00										
2729	Keen Kleener Manufacturing Co.....	7.25										
2730	Lansburgh & Bro.....	14.40										
2731	F. P. May Hardware Co.....	68.50										
2732	Park Novelty Co.....	3.25										
2733	E. J. Pullman.....	9.21										
2734	The Shaw-Walker Co.....	11.27										
2735	John F. Siebert.....	15.00										
2736	Shoemaker & Busch.....	9.94										
2737	Seabury & Johnson.....	45.00										
2738	United States Envelope Co.....	23.40										
2739	Woodward & Lothrop.....	16.60										
2740	John Wyeth & Bro. (Inc.).....	5.16										
2741	Louis Hartig.....	8.24										
2742	Washington City post office.....	4.00										
2743	Rudolph & West Co.....	1.90										
2744	Thomas W. Smith.....	18.75										
2745	R. Weber.....	18.00										
2746	Louis Hartig.....		\$7.00									
2747	Beggs & Graham.....		35.25									
2748	Rudolph & West Co.....		7.63									
2749	Thomas W. Smith.....		18.75									

2750	Louis Hartig.....		\$18.24										
2751	Rudolph & West Co.....		9.59										
2752	Chesapeake & Potomac Telephone Co.....		59.92										
2753	John H. Hinrichs.....		85.00										
2754	Rudolph & West Co.....			\$9.40									
2755	John H. Hinrichs.....			75.80									
2756	The Craftsman Publishing Co.....				\$3.00								
2758	R. Carter Ballantyne.....	20.33											
2759	Ward's Natural Science Establishment.....	77.64											
2760	Washington Gas Light Co.....		10.88										
2761	New York Entomological Society.....				2.00								
2764	G. C. Gennert.....	2.00											
2765	Geo. F. Muth & Co.....	13.63											
2766	Marie Prandi O'Keefe.....	36.00											
2767	The Tablet & Ticket Co.....	11.02											
2768	W. E. Scollick.....	50.00											
2769	Marguerite Woodward.....	100.00											
2770	Mutual District Messenger Co.....		15.00										
2771	Geo. F. Muth & Co.....			10.93									
2772	Geo. W. Stuart.....				\$208.00								
2773	W. A. H. Church.....				80.54								
2774	Hoover & Denham.....				571.77								
2775	F. G. Swaine & Son.....				188.54								
2776	The Chas. Schneider Baking Co.....				31.50								
2777	W. M. Galt & Co.....				285.33								
2778	The Hoge & McDowell Co.....				195.38								
2779	Washburn-Crosby Co.....				75.20								
2780	Jordan Stabler Co.....				14.50								
2781	American Ice Co.....				24.91								
2782	J. B. Kendall Co.....				15.00								
2783	D. H. Mudd & W. A. Brown.....				5.25								
2784	Lansburgh & Bro.....				12.50								
2785	P. H. Heiskell, jr., & Co.....				10.82								
2786	C. M. Woolf & Co.....				1.50								
2787	Howell's Microcosm.....				16.20								
2788	National Laundry Co.....				3.70								
2789	Hugh Reilly Co.....				19.30								
2790	John A. Roebling's Sons Co.....				7.00								
2791	Quaker City Rubber Co.....				9.56								
2792	The Texas Co.....				8.55								
2793	S. A. Ripple & Bros.....				20.37								
2794	National Electrical Supply Co.....				5.70								
2795	W. A. H. Church.....												
2796	Wm. Hahn & Co.....												\$9.60
2801	L. A. Coomley Ward.....	156.00											7.46
2802	Washington Railway & Electric Co.....	10.00											
2803	Edgar T. Wherry.....	6.23											
2806	Vandalia Railroad Co.....									\$20.25			
2807	Atchison, Topeka & Santa Fe Ry. Co.....									25.35			
2808	I. Glaser & Co.....									.94			
2809	Truman Michelson.....									134.83			
2810	M. D. Lind ay.....	28.20											

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATIONS FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
2811	A. J. Redpar.....	\$32.30										
2812	New York Lubricating Oil Co.....			\$14.00								
2813	Watchman's Dial Co.....			15.00								
2820	The Warren F. Brenizer Co.....											\$6,192.22
2821	John Wiley & Sons (Inc.).....					\$7.13						
2822	Smithsonian Institution.....					4.95						
2823	G. E. Stechert & Co.....					10.25						
2824	M. Alexander.....	2.29										
2825	R. Carter Ballantyne.....	14.30										
2826	Dulin & Martin Co. (Inc.).....	17.16										
2827	Herman Baumgarten Co. (Inc.).....	5.28										
2828	Fred S. Lincoln.....	9.24										
2829	Major Manufacturing Co.....	6.00										
2830	Fred A. Schmidt.....	6.28										
2831	Shoemaker & Busch.....	28.50										
2832	The Shaw-Walker Co.....	4.00										
2833	Louis Hartig.....	2.18										
2834	do.....				\$6.40							
2835	W. B. Moses & Sons.....		\$43.97									
2836	Franz Boas.....								\$15.76			
2837	do.....								44.99			
2838	Chicago & North Western Ry. Co.....								28.90			
2839	The Pullman Co.....								14.00			
2840	Lewis Flemer (Inc.).....								1.35			
2841	L. F. Grammes & Sons.....								5.95			
2842	Library Bureau.....								3.78			
2843	Mackall Bros.....								2.94			
2844	H. A. O'Leary.....								3.00			
2845	E. J. Pullman.....								6.00			
2846	Chesapeake & Potomac Telephone Co.....										\$0.88	
2847	National Electrical Supply Co.....										6.38	
2848	Chesapeake & Potomac Telephone Co.....									\$0.87		
2849	The American Brass Co.....									6.18		
2850	Eimer & Amend.....									5.95		
2851	The Pullman Co.....									17.50		

2852	G. E. Stechert & Co.....									10.00		
2853	Nernst Lamp Co.....									31.80		
2854	American Lead Pencil Co.....								\$2.16			
2855	R. Carter Ballantyne.....								45.06			
2856	G. E. Stechert & Co.....								24.50			
2857	Underwood Typewriter Co. (Inc.).....								72.00			
2858	United States Envelope Co.....								39.50			
2859	Austin Baldwin & Co. (Inc.).....								174.09			
2868	Hugh Reilly Co.....	1.27										
2869	Underwood Typewriter Co. (Inc.).....		8.50									
2870	Hugh Reilly Co.....		34.11									
2871	Woodruff Manufacturing Co.....		587.69									
2872	E. J. Murphy Co. (Inc.).....			2.60								
2873	National Electrical Supply Co.....			4.50								
2874	Quaker City Rubber Co.....			27.50								
2875	Postal Telegraph-Cable Co.....			1.37								
2876	The Western Union Telegraph Co.....			1.98								
2877	Miller & Graham.....			8.82								
2878	E. J. Murphy Co. (Inc.).....				7.25							
2879	F. S. Gichner.....				67.50							
2880	Morang & Co. (Ltd.).....					20.00						
2881	Allen's Press Clipping Bureau.....	6.00										
2882	Philip Lindemeyr.....	6.30										
2883	National Laundry Co.....	22.55										
2884	Old Dominion Paper Co.....	42.40										
2885	Flynn & Blount.....	13.50										
2886	Philadelphia Textile School.....	32.00										
2887	Spencer B. Nichols.....	25.00										
2888	Edw. S. Schmid.....	25.20										
2889	Riley D. Moore.....	100.50										
2890	Martin Wiegand.....	31.00										
2891	W. A. H. Church.....		50.00									
2892	The Kny-Scheerer Co.....		387.30									
2893	White Oak Coal Co.....			732.50								
2894	National Mosaic Co.....				198.90							
2895	McGraw-Hill Book Co. (Inc.).....					24.00						
2899	Joseph Mace.....	41.67										
2900	Pay roll.....	1,376.68										
2901	do.....	21,082.29										
2902	do.....		965.00									
2903	do.....			2,081.25								
2904	do.....				145.00							
2905	do.....							\$5,158.58				
2906	do.....								2,565.01			
2907	do.....											
2908	do.....							1,685.00				
2909	do.....									845.50		
2910	do.....										545.00	
2911	Edward Penneock.....	2.70										348.29
2912	J. W. Gidley.....	75.43										
2913	do.....	10.00										
2914	Crown Oil and Wax Co.....			9.35								

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATIONS FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
2915	Westinghouse Electric & Manufacturing Co.....			\$19.38								
2916	Chesapeake & Potomac Telephone Co.....			61.61								
2917	Frank Hume (Inc.).....						\$1.60					
2918	Martin Wiegand.....						45.04					
2919	J. Edw. Chapman.....						14.40					
2920	Lewis Flemer (Inc.).....						8.45					
2921	P. Mann & Co.....						12.00					
2922	W. A. H. Church.....						7.25					
2923	M. D. Lindsay.....						35.44					
2924	Eastman Kodak Co.....						6.03					
2925	Western Union Telegraph Co.....						1.02					
2926	India Alkali Works.....						2.49					
2927	Alleghany Improvement Co.....						7.00					
2928	Adams & Elting Co.....						22.54					
2929	Washington City Post Office							\$500.00				
2930	Geo. F. Muth & Co.....											\$24.28
2931	Columbia Granite & Dredging Co.....											509.10
2933	Woodruff Manufacturing Co. (Inc.).....		\$137.50									
2934	Beggs & Graham.....		128.50									
2935	G. W. Forsberg.....			45.00								
2936	W. H. Blackburne.....						26.85					
2937	The Baltimore & Ohio R. R. Co.....								\$5.65			
2938	James Mooney.....								135.49			
2939	Charles D. Walcott.....	\$1,373.48										
2940	American Press Information Bureau	5.00										
2941	Rudolph & West Co.....	14.75										
2942	do.....		236.20									
2943	do.....			8.98								
2945	Wa-sho-sha.....								50.00			
2946	Wah-hre-she.....								250.00			
2947	Northern Pacific Railway Co.....								8.90			
2948	The Old Santa Fe Press.....								3.00			
2949	The Pennsylvania R. R. Co.....								51.40			
2950	D. I. Bushnell, jr.....								150.00			
2951	Chesapeake & Potomac Telephone Co.....								7.50			

2952	Leo J. Frachtenberg.....								149.70			
2953	Washington City Post Office.....								15.00			
2954	Atchison, Topeka & S. F. Ry. Co.....								64.80			
2955	Truman Michelson.....								203.76			
2956	Tom Kaszubowsky.....	5.00										
2957	Ruth G. Collette.....	1.50										
2958	Easthampton Rubber Thread Co.....	23.25										
2959	Eastman Kodak Co.....	25.36										
2960	Gray Herbarium of Harvard University.....	32.63										
2961	India Alkali Works.....	13.62										
2962	Little, Brown & Co. (Inc.).....	52.50										
2963	Old Dominion Dumping Co.....	5.00										
2964	Marguerite Woodward.....	100.00										
2965	T. T. Belote.....	22.55										
2966	J. B. Lippincott Co.....	3.22										
2967	M. J. Prandi O'Keefe.....	18.00										
2968	C. Austin Thomas.....	11.50										
2969	Venable's Galleries.....	2.00										
2970	The Melton-Rhodes Co. (Inc.).....	25.80										
2971	Martin Wiegand.....	737.94										
2972	The Hisey-Wolf Machine Co.....			11.80								
2973	Mutual District Messenger Co.....			15.00								
2974	Walter S. Brauns.....				\$200.00							
2975	David Lupton's Sons Co.....				14.75							
2976	William Wesley & Son.....					\$20.85						
2982	F. W. Hodge.....									8.30		
2983	J. N. B. Hewitt.....									114.11		
2984	Geo. W. Stuart.....							216.00				
2986	W. E. Broadway.....	11.55										
2987	Bausch & Lomb Optical Co.....	8.18										
2988	The E. B. Adams Co.....	17.50										
2989	R. P. Andrews Paper Co.....	16.50										
2990	Z. D. Gilman.....	10.90										
2991	Hess-Hawkins Co.....	10.10										
2992	Whitall Tatum Co.....		37.44									
2993	Hugh Reilly Co.....		31.68									
2994	do.....				15.00							
2995	Karl W. Hiersemann.....					15.16						
2996	H. J. Yoder.....							26.00				
2997	R. R. Mole.....							46.00				
2998	H. W. Peck.....									64.50		
2999	Julius Pikler.....								50.36			
3000	Chesapeake & Potomac Telephone Co.....								1.75			
3001	Oelrichs & Co., forwarding department.....								138.19			
3015	Commercial Coal Co. (Inc.).....		1,000.00									
3016	Chester G. Gilbert.....	65.35										
3017	Fred S. Lincoln.....	14.40										
3018	McKee Surgical Instrument Co.....	4.54										
3019	Edward Pennock.....	2.70										
3020	Shaw-Walker Co.....	6.36										
3021	Shoemaker & Busch.....	11.90										
3022	The Tablet & Ticket Co.....	7.00										

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATIONS FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
3023	The Whitaker Paper Co.....	\$6.30										
3024	Ward's Natural Science Establishment.....	3.00										
3025	The Weiss & Klauf Co.....	4.50										
3026	H. B. Bradford.....	4.00										
3027	A. J. Grout.....	2.00										
3028	C. S. Brimley.....	1.50										
3029	Library Bureau.....		\$254.00									
3030	Beggs & Graham.....		35.00									
3031	Bedell Manufacturing Co.....		6.00									
3032	John W. Masury & Son.....		7.50									
3033	General Electric Co.....			\$129.78								
3034	J. P. Nawrath.....			19.19								
3035	New York Lubricating Oil Co.....			14.00								
3036	Washington Gas Light Co.....			12.58								
3037	O. L. Wolfsteiner Co. (Inc.).....				\$4.25							
3038	Keen Kleener Manufacturing Co.....	7.25										
3039	W. E. Scollick.....	50.00										
3040	The Fairbanks Co.....			.40								
3043	Warren F. Brenizer Co.....											\$1,725.27
3044	do.....											89.68
3045	R. Weber.....											
3046	J. N. B. Hewitt.....								\$10.00			
3047	Hoover & Denham.....								12.00			
3048	The Chas. Schneider Baking Co.....					\$624.77						
3049	W. M. Galt & Co.....					31.50						
3050	Washburn-Crosby Co.....					430.72						
3051	Golden & Co.....					75.20						
3052	Fox River Butter Co.....					10.80						
3053	Edw. S. Schmid.....					15.00						
3054	The Hoge & McDowell Co.....					17.25						
3055	Shoemaker & Busch.....					283.84						
3056	F. W. Bolgiano & Co.....					30.93						
3057	W. W. Griffith.....					73.26						
3058	J. Edw. Chapman.....					455.79						
3059	American Ice Co.....					187.50						
						15.48						

EXPENDITURES FOR INTERNATIONAL EXCHANGES, ETC. 31

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Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
3113	Eugene Dietzgen Co.....	\$2.70										
3114	Eastman Kodak Co.....	14.40										
3115	Julius Fowl.....	10.53										
3116	General Electric Co.....	17.08										
3117	India Alkali Works.....	13.32										
3118	The E. Morrison Paper Co.....	10.50										
3119	Mittag & Volger.....	20.40										
3120	Scott Paper Co.....	24.50										
3121	James B. Lambie Co. (Inc.).....	9.04										
3122	Barber & Ross.....	5.52										
3123	The American Press Information Bureau.....	5.00										
3124	Louis Hartig.....	15.82										
3125	Geo. F. Muth & Co.....	15.80										
3126	James B. Lambie Co. (Inc.).....		\$1.50									
3127	Barber & Ross.....		2.88									
3128	Henry Allen.....		21.60									
3129	W. A. H. Church.....		31.25									
3130	James B. Lambie Co. (Inc.).....			\$14.29								
3131	L. P. Steuart & Bro.....			29.05								
3132	Allan J. Coleman.....			4.50								
3133	Crane Co.....			18.17								
3134	The American Federation of Arts.....					\$10.00						
3135	Brentano's.....					14.75						
3136	Houghton Mifflin Co.....					5.00						
3137	McGraw-Hill Book Co.....					15.00						
3138	S. Raymond Roberts.....					5.00						
3139	G. E. Stechert & Co.....					1.60						
3140	Smithsonian Institution.....					9.15						
3141	E. H. Mason.....						\$15.00					
3142	L. R. Burner.....						2.00					
3143	R. McBlair.....						2.00					
3144	A. E. Buckley.....						15.00					
3145	F. W. Bird & Son.....						70.56					
3146	Alfred Kiyana.....							\$16.77				
3148	W. S. Budworth & Son.....	19.00										

3149	C. B. Kern.....					7.50						
3150	Bridget Sullivan and Mary Sullivan.....					12.25						
3151	W. H. Holmes.....							9.10				
3152	do.....							6.65				
3153	William E. Haney.....							11.00				
3154	Austin Baldwin & Co. (Inc.).....						\$235.59					
3155	Oelrichs & Co., forwarding department.....						265.54			\$140.25		
3156	Pennsylvania Railroad Co.....									.88		
3157	Chesapeake & Potomac Telephone Co.....									75.30		
3158	C. G. Abbot.....										\$0.87	
3159	Chesapeake & Potomac Telephone Co.....										52.00	
3160	Marcus Ward Lyon.....											
3163	Violet Dandridge.....	85.00										
3164	Eleanor P. Murdoch.....	20.00										
3165	Lanman Engraving Co.....	8.00										
3166	Lydia M. Green.....	17.60										
3167	J. P. Nawrath.....	57.81										
3168	Old Dominion Paper Co.....	15.90										
3169	West Disinfecting Co.....		15.00									
3170	F. C. Britting.....		1.60									
3171	Julius Lansburgh Furniture & Carpet Co.....		70.56									
3172	Kimble O. Durand Glass Co.....		63.21									
3173	Washington Gas Light Co.....			18.87								
3174	Hugh Reilly Co.....				77.50							
3176	Evelyn H. Hall.....	40.00										
3177	Commercial Coal Co. (Inc.).....			1,790.99								
3178	West Disinfecting Co.....	51.85										
3179	Rosalie E. Briscoe.....	1.40										
3180	Guy, Curran & Co.....	1.60										
3181	Merchants' Transfer & Storage Co.....	7.15										
3182	Norfolk & Washington, D. C., Steamboat Co.....	1.28										
3183	The Hammond Typewriter Co.....		1.80									
3184	Mutual District Messenger Co.....			15.00								
3185	R. P. Clarke Co.....							2.78				
3186	Eagle Pencil Co.....							2.16				
3187	Z. D. Gilman.....							3.51				
3188	Kraemer & Duehring.....							12.61				
3189	Union Envelope Co.....							22.79				
3190	J. H. Thiemeyer Co.....							198.75				
3191	Chesapeake & Potomac Telephone Co.....							1.75				
3192	American Express Co.....							1.00				
3194	Washington Fish Co.....					230.00						
3195	Thos. A. Cannon Co.....					121.68						
3196	Frances Densmore.....								650.00			
3197	R. Weber.....	90.00										
3198	Adams Express Co.....	19.76										
3199	United States Express Co.....	33.56										
3200	Remington Typewriter Co.....		80.50									
3201	Fairbanks, Morse & Co.....			3.50								
3202	Washington City Post Office.....					1 \$300.00						
3206	Grace Blythe.....					7.00						

¹ Postage

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
3207	Hoover & Denham.....						\$646.77					
3208	F. A. Denison & Co.....						157.98					
3209	Chas. Schneider Baking Co.....						28.00					
3210	W. M. Galt & Co.....						372.56					
3211	Hoge & McDowell Co.....						476.30					
3212	Miller, Clagett & Co.....						83.98					
3213	Fox River Butter Co.....						23.55					
3214	F. W. Bolgiano & Co.....						6.50					
3215	Quinn Hampston.....						8.00					
3216	American Broom & Brush Co.....						25.69					
3217	West Disinfecting Co.....						7.50					
3218	Howell's Microcosm.....						2.10					
3219	City of Boston, park and recreation department.						53.00					
3220	E. J. Murphy Co. (Inc.).....						4.49					
3221	Geo. F. Muth & Co.....						.95					
3222	Grove Lime & Coal Co.....						.68					
3223	National Electrical Supply Co.....						1.80					
3224	R. Carter Ballantyne.....						5.59					
3225	Shoemaker & Busch.....						11.72					
3226	Albert L. Johnson.....						26.88					
3227	J. B. Kendall Co.....						3.00					
3228	Miller & Graham.....						27.94					
3229	Martin Wiegand.....						74.28					
3230	W. A. H. Church.....						78.79					
3231	G. D. Tilley.....						2.70					
3232	United States Envelope Co.....						10.54					
3233	D. H. Mudd & W. A. Brown.....						5.25					
3234	Harry Kaufman.....						11.16					
3237	Washburn-Crosby Co.....						35.68					
3238	Chesapeake & Potomac Telephone Co.....						32.96					
3239	John B. Espey Co. (Inc).....						4.00					
3240	Sun Co.....						146.34					
3241	H. W. Johns-Manville Co.....						4.40					
3242	Thomas Meehan & Sons.....						1.42					
3243	Probey Carriage Co.....						100.00					

3244	American Steel & Wire Co.					9.21					
3245	M. E. Caton					6.00					
3246	United States Express Co.					27.00					
3247	Chicago, Burlington & Quincy Railroad Co.								\$30.05		
3248	D. T. Bushnell, Jr.								100.00		
3249	Missouri, Kansas & Texas Railway Co.								62.30		
3250	William Wesley & Son.							\$373.96			
3251	Library Bureau							3.73			
3252	United States Express Co.							.75			
3253	Pennsylvania Railroad Co.							512.80			
3255	H. W. Handley	\$75.00									
3256	George E. Barber	13.50									
3257	Carey Machinery & Supply Co.			\$163.00							
3259	Brentano's	6.00									
3260	William W. Conner	4.81									
3261	R. P. Clarke Co.	18.41									
3262	Eagle Pencil Co.	4.80									
3263	John B. Espey Co. (Inc.)	7.20									
3264	Gustave C. Gemmert	3.33									
3265	Z. D. Gilman	6.22									
3266	John C. Knipp & Sons	76.50									
3267	Mathers-Lamm Paper Co.	12.75									
3268	Geo. F. Muth & Co.	16.00									
3269	Mackall Brothers	4.60									
3270	Art Metal Construction Co.		\$10.80								
3271	Beggs & Graham		10.40								
3272	Bedell Manufacturing Co.		4.50								
3273	W. A. H. Church		78.50								
3274	Barber & Ross			17.78							
3275	M. Du Perow			8.65							
3276	New York Lubricating Oil Co.			14.00							
3277	National Electrical Supply Co.			11.30							
3278	The C. F. Pease Co.	2.50									
3279	Arnold Arboretum	316.00									
3280	Charles Schuchert	164.40									
3281	Norman Boss	21.25									
3282	William Palmer	12.15									
3283	W. H. Rahn		2.52								
3284	Woodruff Manufacturing Co. (Inc.)		116.48								
3285	Garrison Brass & Machine Works			2.88							
3287	Chesapeake & Potomac Telephone Co.								7.50		
3288	Adams Express Co.								14.80		
3289	United States Express Co.								32.34		
3290	Chesapeake & Potomac Telephone Co.						1.75				
3291	Austin Baldwin & Co. (Inc.)						137.31				
3292	Chesapeake & Potomac Telephone Co.								\$0.87		
3293	Adams Express Co.								17.15		
3294	United States Express Co.								14.99		
3295	Chesapeake & Potomac Telephone Co.									\$0.88	
3296	do.									.87	
3300	A. H. Brinkman	1.50									

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
3385	G. E. Stechert & Co.									\$13.74		
3386	Telegraphphone Sales Co.									30.75		
3387	Seth Thomas Clock Co.									3.17		
3388	Western Union Telegraph Co.									12.90		
3389	Mittag & Volger (Inc.)										\$1.20	
3390	Chas. G. Stott & Co. (Inc.)										1.14	
3391	Eastman Kodak Co.								\$20.34			
3392	Washington Fish Co.						\$270.00					
3393	R. H. Heger						70.00					
3394	Yates Brothers						2.00					
3395	Kellogg Switchboard & Supply Co.						11.00					
3396	Page Woven Wire Fence Co.						95.68					
3397	Martin Wiegand		\$1,751.20									
3398	C. W. Gilmore	\$22.00										
3399	Erich Koellner	3.75										
3400	A. T. Thompson & Co.	3.75										
3401	Universal Trading Co.	1.90										
3402	The Commissioner of Patents.	2.00										
3403	Library Bureau	26.78										
3404	Washington Railway & Electric Co.	10.00										
3405	Bradley-Reese Co.	65.00										
3406	Albert L. Johnson	12.80										
3407	Smithsonian Institution					\$0.35						
3408	Munn & Co.					1.35						
3409	Washington Society Architects Institute of America					10.00						
3410	John Wiley & Sons (Inc.)					4.50						
3411	Brentano's					8.68						
3412	Frederick Starr					1.10						
3413	Charles Scribner's Sons					2.49						
3414	G. E. Stechert & Co.					1.13						
3415	S. Raymond Roberts					5.00						
3416	The V. D. Anderson Co.			\$13.55								
3417	L. B. Aldrich									128.05		
3419	R. Weber	68.15										

3420	J. H. Thiemeyer Co.	25.75							
3421	T. T. Belote	4.65							
3422	United States Envelope Co.	104.81							
3423	Thomas W. Smith		2.40						
3424	Typewriter & Office Supply Co.		3.15						
3425	George W. Perkins		126.00						
3426	Washington Gas Light Co.			22.61					
3427	Commercial Coal Co.			77.53					
3428	Hamilton Rubber Manufacturing Co.			27.00					
3430	T. A. Cannon Co.					130.63			
3431	Commercial Coal Co.		886.98						
3433	G. Elias & Bro.			\$8.96					
3434	The New York Botanical Garden				1.50				
3435	Oelrichs & Co., forwarding department					\$204.54			
3436	Austin Baldwin & Co. (Inc.)					206.25			
3437	Hoover & Denham					722.96			
3438	Chas. Schneider Baking Co.					32.00			
3439	W. M. Galt & Co.					476.27			
3440	Hoge & McDowell Co.					582.00			
3441	Washburn-Crosby Co.					35.68			
3442	Fox River Butter Co.					24.00			
3443	Jordan Stabler Co.					14.50			
3444	Miller, Clagett & Co.					7.63			
3445	Sulzberger & Sons Co. of America					11.70			
3446	Browning & Middleton (Inc.)					64.80			
3447	William Bartels Co.					68.05			
3448	D. H. Mudd and W. A. Brown					6.00			
3449	Western Union Telegraph Co.					7.56			
3450	Rudolph & West Co.					172.28			
3451	James B. Lambie Co. (Inc.)					263.43			
3452	Washington Tobacco Co.					1.70			
3453	E. J. Murphy Co. (Inc.)					2.75			
3454	Texas Co.					8.55			
3455	Draper Manufacturing Co.					6.00			
3456	J. P. Nawrath					9.63			
3457	India Alkali Works					2.49			
3458	Leon Hirsch & Son					17.64			
3459	Crane Co.					1.25			
3460	R. McReynolds & Sons					92.40			
3461	W. T. Galliher & Bro.					7.40			
3462	G. W. Forsberg					4.64			
3463	R. P. Clarke Co.					5.00			
3464	Merchants Transfer & Storage Co.					4.95			
3466	H. W. Hendley	75.00							
3467	G. W. Gill	60.00							
3468	Brentano's					1.58			
3469	J. E. Hurley					98.00			
3471	Martin Wiegand		740.86						
3472	Dorothy Megrew	.92							
3473	Truslow & Fulle (Inc.)	29.30							
3474	D. Ballauf	1.00							

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astronomical Observations.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
3475	Dulin & Martin Co.....	\$9.10										
3476	Charles R. Edmonston.....	23.77										
3477	W. E. Scollick.....	9.63										
3478	W. A. H. Church.....		\$270.50									
3479	Crane Co.....			\$35.10								
3480	J. H. Steward (Ltd.).....	31.62										
3481	Janet H. Hayes.....	40.08										
3482	American Press Information Bureau.....	10.00										
3483	American Lead Pencil Co.....	25.92										
3484	Eagle Pencil Co.....	14.88										
3485	Eastman Kodak Co.....	26.30										
3486	The Fairbanks Co.....	7.00										
3487	Gray Herbarium of Harvard University.....	30.25										
3488	Keen Kleener Manufacturing Co.....	21.75										
3489	R. Weber.....	23.50										
3490	Art Metal Construction Co.....		7.80									
3491	Beggs & Graham.....		130.75									
3492	The Elmer H. Catlin Co.....		22.50									
3493	J. W. Buckley Rubber Co.....			7.30								
3494	M. Du Perow.....			10.43								
3495	Jullian D'Este Co.....			12.00								
3496	Washington city post office.....								\$10.00			
3499	Globe-Wernicke Co.....								\$15.60			
3500	W. H. Lowdermilk & Co.....								30.24			
3501	Thomas W. Smith.....								1.80			
3502	Spokane, Portland & Seattle Railway Co.....								76.15			
3503	Chesapeake & Potomac Telephone Co.....								7.55			
3504	Frances Densmore.....								498.75			
3505	Marcus Ward Lyon.....										\$40.50	
3506	Chesapeake & Potomac Telephone Co.....										.88	
3508	H. W. Hendley.....	75.00										
3509	Commercial Coal Co.....			881.15								
3510	Joseph Mace.....	41.67										
3511	Pay roll.....	1,376.68										
3512	do.....	21,293.41										

3513	do.....		917.50								
3514	do.....			2,144.33							
3515	do.....				\$290.00						
3516	do.....					\$4,577.90					
3517	do.....						2,493.34				
3518	do.....					\$1,590.00					
3519	do.....							925.00			
3520	do.....								545.00		
3521	R. Weber.....	30.00									
3522	Thos. Somerville Co.....									\$25.00	
3524	Josephine Saunders.....	20.00									
3525	Bausch & Lomb Optical Co.....	3.15									
3526	William W. Conner.....	2.97									
3527	Ward's Natural Science Establishment.....	4.60									
3528	Shoemaker & Busch.....	59.91									
3529	The W. A. Lockwood Dental Co. (Inc.).....	5.40									
3530	Philip Lindemeyr.....	12.80									
3531	Fred S. Lincoln (Inc.).....	7.05									
3532	Mackall Bros.....	6.90									
3533	McKee Surgical Instrument Co.....	3.60									
3534	A. C. Rowe & Son.....	17.00									
3535	Smithsonian Institution.....	52.63									
3536	The Shaw-Walker Co.....	23.03									
3537	J. H. Thiemeyer Co.....	62.00									
3538	James B. Lambie Co. (Inc.).....	11.78									
3539	Melville D. Lindsay.....	.86									
3540	W. B. Moses & Sons.....		25.64								
3541	J. P. Nawrath.....		3.84								
3542	Thomas W. Smith.....		18.75								
3543	Seth Thomas Clock Co.....		11.25								
3544	The Washington Wood-Working Co.....		182.00								
3545	Whitall Tatum Co.....		99.00								
3546	Melville D. Lindsay.....		2.93								
3547	R. Ennis.....			2.99							
3548	James B. Lambie Co. (Inc.).....			41.45							
3549	Mutual District Messenger Co.....			15.00							
3550	New York Lubricating Oil Co.....			14.00							
3551	Hugo Reisinger.....			4.70							
3552	Postal Telegraph-Cable Co.....			5.60							
3553	Louis Ruhe.....										
3554	J. Wesley Cline.....					10.00					
3555	Kraemer & Duehring.....					5.00					
3556	J. B. Kendall Co.....					4.51					
3557	Louis Hartig.....					4.00					
3558	J. Edw. Chapman.....					90.84					
3559	Haverford Cycle Co.....					129.60					
3560	Mackall Bro.....					8.25					
3561	Murray Bros.....					.86					
3562	Thomas W. Smith.....					28.00					
3563	Shoemaker & Busch.....					2.46					
3564	Baltimore Enamel & Novelty Co.....					16.23					
3564	Baltimore Enamel & Novelty Co.....					51.50					
3565	Scott Paper Co.....					24.50					

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
3566	Potomac Electric Power Co.						\$46.02					
3567	H. W. Acheson						6.00					
3568	Western Union Telegraph Co.						3.42					
3569	Geo. C. Maynard	\$9.10										
3570	Marguerite Woodward	100.00										
3571	E. W. Hawkes								\$100.00			
3572	William E. Haney								7.60			
3573	Charles E. Brown								100.00			
3574	Washington Fish Co.						270.00					
3575	Rudolph & West Co.						53.21					
3576	American Radiator Co.						116.62					
3577	Becker's Leather Goods Co.						.55					
3578	Globe-Wernicke Co.						64.90					
3579	Chesapeake & Potomac Telephone Co.							\$1.75				
3580	Oelrichs & Co., forwarding department.							228.96				
3581	Mount Wilson Solar Observatory									\$51.23		
3582	National Electrical Supply Co.									16.26		
3583	Chesapeake & Potomac Telephone Co.									.87		
3584	Allen's Press Clipping Bureau	6.00										
3585	Thomas Somerville Co.	4.09										
3586	Southern Pacific Co.	77.25										
3587	Herman Baumgarten Co. (Inc.)	3.27										
3588	J. O. Snyder	12.35										
3589	Library Bureau	9.00										
3590	Edward Pennock	1.45										
3591	Rudolph & West Co.	13.33										
3592	George Burton Wilson	10.23										
3593	Whitall Tatum Co.	.40										
3594	Blue Line Transfer Co.	3.50										
3595	Pennsylvania Railroad Co.	70.54										
3596	Rudolph & West Co.		\$15.36									
3597	Merritt & Co.		52.05									
3598	W. H. Rahn		15.12									
3599	Royal Typewriter Co.		10.00									
3600	Woodruff Manufacturing Co. (Inc.)		31.69									

3601	Thomas Somerville Co.		\$29.62						
3602	Washington Gas Light Co.		23.29						
3603	Rudolph & West Co.		1.05						
3604	Western Union Telegraph Co.		8.36						
3605	Rudolph & West Co.			\$3.64					
3606	The Yale & Towne Manufacturing Co.			11.45					
3607	F. A. Brockhaus.				\$46.72				
3608	Karl W. Hiersemann.				34.76				
3609	William Wesley & Son.				106.21				
3614	H. W. Hendley	75.00							
3615	D. L. Bushnell, jr.	100.00							
3616	Lee McGehee.	75.00							
3617	Old Dominion Paper Co.	5.96							
3618	Crucible Steel Co. of America.	7.46							
3619	National Laundry Co.	15.77							
3620	John Wyeth & Bro. (Inc.)	.64							
3621	The E. B. Adams Co.	10.35							
3622	R. P. Andrews Paper Co.	10.08							
3623	Aseptic Products Co.	3.14							
3624	Henry Allen.	1.60							
3625	The Columbia Photo Supply Co. (Inc.)	2.70							
3626	Lewis Flemer	2.67							
3627	Adams Express Co.	24.55							
3628	American Express Co.	1.40							
3629	Beggs & Graham.		43.13						
3630	W. A. H. Church.		187.10						
3631	Mutual District Messenger Co.			15.00					
3634	Thomas A. Cannon Co.					140.31			
3635	Commercial Coal Co.			924.64					
3636	do.			98.55					
3637	C. A. Wenzel.	25.32							
3638	Bausch & Lomb Optical Co.	4.65							
3639	Bedell Manufacturing Co.	9.54							
3640	National Laundry Co.	16.94							
3641	United States Express Co.	19.51							
3642	Saks Optical Co.		3.00						
3643	Bedell Manufacturing Co.		2.50						
3644	The H. B. Claflin Co.		8.28						
3645	F. X. Ganter Co.		424.90						
3646	National Electrical Supply Co.			103.75					
3647	Gustav Fock.				17.66				
3648	Hoover & Denham.					622.86			
3649	Chas. Schneider Baking Co.					27.50			
3650	W. M. Galt & Co.					496.40			
3651	Hoge & McDowell Co.					426.50			
3652	F. W. Bolgiano & Co.					29.37			
3653	Cudahy Packing Co.					1.67			
3654	Washburn-Crosby Co.					35.68			
3655	F. G. Swaine & Son.					27.00			
3656	Jay Montoney.					5.00			
3657	Kraemer & Duehring.					8.65			
3658	R. Carter Ballantyne.					5.88			

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astronomical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
3659	C. Schneider's Sons.....						\$371.00					
3660	M. C. Huddleston & Co.....						11.00					
3661	S. A. Ripple & Bros.....						20.37					
3662	Crane Co.....						.52					
3663	Rosslyn Supply Co.....						4.95					
3664	National Mortar Co.....						82.50					
3665	Edward Mullin.....						172.28					
3666	D. H. Mudd & W. A. Brown.....						3.75					
3667	Postal Telegraph-Cable Co.....						.40					
3668	Mary C. Rollins.....								\$21.77			
3669	Woodruff Manufacturing Co. (Inc.).....		\$1,195.46									
3670	W. E. Scolllick.....	\$50.00										
3671	Rowland Ward.....	170.33										
3672	Chesapeake & Ohio Railway Co.....	14.00										
3673	Columbia Photo Supply Co. (Inc.).....	111.65										
3674	Julius Fowl.....	27.10										
3675	Barber & Ross.....	5.58										
3676	Lansburgh & Bro.....	68.00										
3677	W. S. Jenks & Son.....	4.00										
3678	A. Krassa.....	1.00										
3679	Philip Lindemeyer.....	24.34										
3680	National Electrical Supply Co.....	2.54										
3681	E. J. Pullman.....	5.54										
3682	Republic Bag & Paper Co.....	9.48										
3683	Fred A. Schmidt.....	.87										
3684	Chas. G. Stott & Co.....	5.13										
3685	Truslow & Fulle (Inc.).....	4.96										
3686	Ward's Natural Science Establishment.....	13.13										
3687	Kraemer & Duehring.....	.96										
3688	Hugh Reilly Co.....	2.10										
3689	Shoemaker & Busch.....	13.05										
3690	Barber & Ross.....		.72									
3691	Beggs & Graham.....		38.00									
3692	The H. B. Claffin Co.....		17.60									
3693	Peter Cooper's Glue Factory.....		6.88									

3784	A. W. Harris Oil Co.			\$15.00																
3785	J. P. Nawrath			18.81																
3786	Quaker City Rubber Co.			21.18																
3787	James B. Lambie Co. (Inc.)			7.20																
3788	Louis Hartig			5.64																
3789	E. J. Murphy Co. (Inc.)			1.30																
3790	Washington Wood-Working Co.			15.00																
3791	James B. Lambie Co. (Inc.)				\$14.00															
3792	Louis Hartig				— .62															
3793	Thomas H. Reid				68.00															
3794	E. J. Murphy Co. (Inc.)				4.79															
3795	Thomas Hughes & Son				76.50															
3796	Brentano's					\$16.40														
3797	Tennant & Ward					3.00														
3798	H. F. Colman					1.00														
3799	Smithsonian Institution					11.70														
3801	Truman Michelson												22.86							
3802	Mary C. Rollins												15.08							
3803	Joseph Mace			41.67																
3804	Pay roll			1,314.18																
3805	do			21,087.01																
3806	do				1,045.00															
3807	do					2,100.00														
3808	do						145.00													
3809	do									4,554.89										
3810	do												2,453.34							
3811	do											\$1,710.00								
3812	do														805.00					
3813	do															\$545.00				
3814	do																		1 22.50	
3815	W. H. Lowdermilk & Co.																			
3816	Pullman Co.												12.05							
3817	Welsbach Co.												15.75							
3818	Mary Wright Gill												1.40							
3819	Chesapeake & Potomac Telephone Co.												25.00							
3820	American Glue Co.			11.24									8.45							
3821	Pennsylvania R. R. Co.			6.75																
3822	Frank Hume			3.60																
3823	P. H. Heiskell, jr., & Co.			75.38																
3824	Mittag & Volger			19.20																
3825	W. A. H. Church			22.50																
3826	do				110.50															
3827	American Encaustic Tiling Co.				25.45															
3828	Kraemer & Dnehring				23.12															
3829	Thomas W. Smith				45.00															
3830	Swindell Bros.				100.10															
3831	Westinghouse Electric & Manufacturing Co.				6.40															
3832	The Anchor Packing Co.				70.76															
3833	Crane Co.				46.80															
3834	Crown Oil & Wax Co.				11.18															

1 Bookstacks for Government bureau libraries

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
3835	New York Lubricating Oil Co.....			\$14.00								
3836	F. W. Bird & Son.....				\$28.80							
3837	Library Bureau.....					\$7.00						
3838	McGraw-Hill Book Co.....					5.00						
3839	E. W. Bullinger.....					3.50						
3844	Julius Pikler.....							\$57.00				
3845	Roberts Numbering Machine Co.....							5.00				
3846	Fairbanks Co.....							22.00				
3847	Washington Wood-Working Co.....							30.00				
3848	Oelrichs & Co., forwarding department.....							197.62				
3849	Pennsylvania R. R. Co.....							847.19				
3850	Chesapeake & Potomac Telephone Co.....							1.75				
3853	Marcus Ward Lyon.....										\$34.00	
3854	R. Carter Ballantyne.....										.87	
3855	Chesapeake & Potomac Telephone Co.....										.87	
3856	G. W. Gill.....	\$45.60										
3857	Pay roll.....											
3858	Washington Fish Co.....						\$240.00					
3859	Carl Olson.....						37.75					
3860	Josephine Saunders.....	40.00										\$83.25
3861	W. W. Blake.....								\$4.75			
3862	Adams Express Co.....								1.00			
3863	Frances Densmore.....								407.00			
3864	American Multigraph Sales Co.....							3.00				
3865	Austin Baldwin & Co. (Inc.).....							94.06				
3866	Oelrichs & Co., forwarding department.....							157.50				
3867	G. W. Sheldon & Co.....							41.75				
3868	Ruth Branson.....	20.00										
3869	Ada C. Fenton.....	20.00										
3870	Evelyn H. Hall.....	38.60										
3871	Gross, Engel & Co.....	3.77										
3872	Chester G. Gilbert.....	18.47										
3873	Eleanor F. Murdoch.....	20.00										
3874	Fred A. Schmidt.....	1.70										
3875	Emily H. Ross.....	8.00										

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
3928	Fox River Butter Co.....						\$17.10					
3929	Browning & Middleton (Inc.).....						48.00					
3930	National Laundry Co.....						1.05					
3931	Chesapeake & Potomac Telephone Co.....						43.03					
3932	D. H. Mudd & W. A. Brown.....						5.50					
3933	Chas. G. Stott & Co. (Inc.).....						.90					
3934	Olmsted Bros.....						.90					
3935	Easthampton Rubber Thread Co.....						6.40					
3936	A. B. Dick Co.....						1.62					
3937	Brentano's.....						1.40					
3938	Capewell Horse Nail Co.....						.57					
3939	Shoemaker & Busch.....						4.30					
3940	Henry T. Ofterdinger.....						1.00					
3941	Geo. M. Barker.....						2.50					
3942	Howell's Microcosm.....						9.90					
3943	Hydraulic Press Brick Co.....						12.00					
3944	Dulin & Martin Co. (Inc.).....						5.25					
3945	Standard Oil Co.....						.78					
3946	National Electrical Supply Co.....						4.68					
3947	Mathers-Lamm Paper Co.....						1.62					
3948	Rudolph & West Co.....						215.64					
3949	J. B. Kendall Co.....						5.28					
3950	Hugh Reilly Co.....						25.12					
3951	Peter Henderson & Co.....						2.85					
3952	American Lead Pencil Co.....						5.16					
3953	American Express Co.....						1.00					
3954	Adams Express Co.....						38.70					
3955	Washington City Post Office.....											
3956	Mary C. Rollins.....								\$15.00			
3957	United States Express Co.....								39.15			
3962	Pacific Gem Co.....	\$16.07							13.17			
3963	Herman Baumgarten Co. (Inc.).....	3.10										
3964	Bausch & Lomb Optical Co.....	6.91										
3965	J. P. Nawrath.....	8.40										
3966	The C. F. Pease Co.....	5.00										

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
4018	Pay roll.....											
4019	do.....							\$1,710.00				
4020	do.....									\$852.50		
4021	do.....										\$545.00	
4022	do.....											1 \$45.00
4022a	Blue Line Transfer Co.....	\$1.87										
4022b	Adams Express Co.....						\$488.32					
4022c	Atchison, Topeka & Santa Fe Ry. Co.....									77.96		
4022d	United States Geological Survey, engraving division.....	5.00										
4022e	Pennsylvania R. R. Co.....	115.50										
4022f	Atchison, Topeka & Santa Fe Ry. Co.....	2.60										
4022g	Baltimore & Ohio R. R. Co.....	8.51										
4022h	Pacific Coast Steamship Co.....	159.67										
4025	J. H. Thiemeyer Co.....	10.20										
4026	Sarah E. Gannett.....	59.08										
4027	Evelyn H. Hall.....	20.00										
4028	Oelrichs & Co., forwarding department.....	14.40										
4029	John C. Knipp & Sons.....		\$120.00									
4030	Brentano's.....					\$9.75						
4031	G. E. Stechert & Co.....					3.55						
4032	H. G. Tyrrell.....					3.25						
4033	John Wiley & Sons (Inc.).....					3.00						
4034	Vermont Marble Co.....				\$10.00							
4035	Macmore Squab Farm.....						4.86					
4036	W. H. Blackburne.....						27.70					
4037	Horne's Zoological Arena Co.....						66.67					
4038	A. E. Buckley.....						15.00					
4039	Lewis Flemer (Inc.).....						3.10					
4040	Chesapeake & Potomac Telephone Co.....						10.10					
4041	Westinghouse Lamp Co.....						22.05					
4042	Saponol Chemical Co.....						3.90					
4043	Lutz & Co.....						24.50					
4044	Louis Hartig.....						15.96					
4045	Thos. Somerville Co.....						444.10					

4046	Washington Fish Co.					260.00					
4047	H. W. Hendley	75.00									
4048	J. Walter Fewkes							155.77			
4049	Mary C. Rollins							38.70			
4050	William Wesley & Son					20.69					
4051	Eimer & Amend								18.77		
4052	Lansburgh & Bro.								4.80		
4053	W. B. Moses & Sons (Inc.)								2.50		
4054	Typewriter & Office Supply Co.								3.15		
4055	W. H. Butler Co.									140.00	
4056	W. A. H. Church									5.00	
4057	Washington City Post Office	4.00									
4058	F. L. Lewton	23.28									
4059	W. A. H. Church		65.00								
4060	The Elmer H. Catlin Co.		193.90								
4061	George W. Perkins		252.00								
4062	Doremus Machine Co.		50.00								
4063	The Washington Wood-Working Co.		459.00								
4064	Westinghouse Electric & Manufacturing Co.			\$100.22							
4065	The United States Coin Co. (Inc.)				.50						
4066	Fred. B. Miller & Bro.	25.00									
4067	Commercial Coal Co.			959.60							
4068	Henry Romeike (Inc.)	10.00									
4069	M. Ruth Branson	20.00									
4070	Charles R. Eastman	200.00									
4071	Otis Elevator Co.			1,325.00							
4072	Mutual District Messenger Co.			15.00							
4073	Washington Gas Light Co.			20.91							
4074	Macnichol & Son							22.00			
4075	do.							38.00			
4077	Leo J. Frachtenberg							.50			
4078	Mary Wright Gill							41.00			
4079	Franz Boas							35.10			
4080	Woodruff Manufacturing Co. (Inc.)		238.38								
4081	Martin Wiegand		2,246.75								
4082	H. J. Hansen	6.93									
4083	W. S. Atkinson	88.25									
4084	The Atlantic Refining Co.	5.00									
4085	Seabury & Johnson	45.80									
4086	Wm. H. Horstmann Co.	9.51									
4087	W. B. Moses & Sons		56.53								
4088	C. Dorflinger & Sons (Inc.)		144.33								
4089	H. Mueller Manufacturing Co.			16.44							
4090	American Engineering Co.			90.42							
4091	New York Lubricating Oil Co.			14.00							
4092	Peter Cooper's Glue Factory				15.00						
4093	Aldine Book Co.							1.00			
4094	E. F. Droop & Sons Co.							17.00			
4095	Washington Railway & Electric Co.							10.00			

¹ Bookstacks for Government bureau libraries.

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astronomical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
4096	Henry Allen.....								\$0.99			
4097	H. B. Clafin Co.....								1.44			
4098	Cumberland Valley Railroad Co.....								21.49			
4099	Dulin & Martin Co. (Inc.).....								4.94			
4100	Eastman Kodak Co.....								11.75			
4101	Lewis Flemer (Inc.).....								3.41			
4102	Globe-Wernicke Co.....								8.35			
4103	W. H. Lowdermilk & Co.....								5.90			
4104	Mathers-Lamm Paper Co.....								3.04			
4105	National Laundry Co.....								2.42			
4106	J. P. Nawrath.....								9.36			
4107	Rudolph & West Co.....								5.47			
4108	Southern Electric Co.....								1.00			
4109	G. E. Stechert & Co.....								20.01			
4110	Swift & Co.....								2.70			
4111	M. Weiss & Co.....								5.60			
4112	W. B. Moses & Sons (Inc.).....								21.50			
4113	J. H. Thiemeyer Co.....							\$255.00				
4114	Merchants Transfer & Storage Co.....							30.83				
4115	Pennsylvania Railroad Co.....							440.71				
4116	Austin Baldwin & Co. (Inc.).....							233.95				
4117	G. W. Sheldon & Co.....							60.10				
4119	Commercial Coal Co. (Inc.).....											
4120	Eleanor P. Murdoch.....	\$20.00										
4121	The Maurice Joyce Engraving Co.....	2.25										
4122	Barber & Ross.....	3.99										
4123	James B. Lambie Co. (Inc.).....	4.77										
4124	R. Carter Ballantyne.....	13.49										
4125	Lillian Dorrell.....	1.50										
4126	Bausch & Lomb Optical Co.....	5.97										
4127	H. W. Johns-Manville Co.....	.99										
4128	Eastman Kodak Co.....	18.03										
4129	Guy, Curran & Co.....	3.30										
4130	Wm. Hahn & Co.....	5.22										

4131	F. Alfred Reichardt & Co.	2.25							
4132	The Roberts Numbering Machine Co.	5.50							
4133	The Globe-Wernicke Co.	2.28							
4134	Barber & Ross.		\$11.33						
4135	James B. Lambie Co. (Inc.)		73.32						
4136	Bedell Manufacturing Co.		1.85						
4137	J. P. Nawrath		19.10						
4138	The Globe-Wernicke Co.		3.36						
4139	The Schaeffer & Budenberg Manufacturing Co.			3.96					
4140	J. P. Nawrath			19.00					
4141	The Collins Metallic Packing Co.			25.50					
4142	Garrison Brass & Machine Works			3.60					
4143	Montgomery & Co.			3.00					
4144	Roller-Smith Co.			2.50					
4145	R. Friedlander & Son.				\$3.62				
4146	William Wesley & Son.				20.20				
4147	The Engineering Magazine Co.				6.00				
4148	Hoover & Denham.					\$586.43			
4149	Thomas A. Cannon Co.					135.10			
4150	Chas. Schneider Baking Co.					30.00			
4151	W. M. Galt & Co.					468.53			
4152	Hoge & McDowell Co.					571.96			
4153	Jordan Stabler Co.					14.50			
4154	Edw. S. Schmid.					7.50			
4155	F. A. Denison & Co.					14.40			
4156	F. G. Swaine & Son.					9.00			
4157	Lamb & Tilden.					7.24			
4158	W. A. H. Church.					105.90			
4159	Martin Wiegand.					53.17			
4160	W. T. Galliher & Bro.					6.50			
4161	Rosslyn Supply Co.					1.65			
4162	National Mortar Co.					66.00			
4163	Thos. Somerville Co.					16.34			
4164	Karl W. Hiersemann.					1.83			
4165	P. H. Heiskell, jr., & Co.					1.40			
4166	Schaeffer & Budenberg Manufacturing Co.					26.50			
4167	Western Union Telegraph Co.					9.95			
4168	D. H. Mudd & W. A. Brown.					5.50			
4169	J. Edw. Chapman.					57.60			
4170	Z. D. Gilman.					2.95			
4171	P. Mann & Co.					2.10			
4172	Rudolph & West Co.	1.50		\$9.17					
4173	Alpher & Kur.	1.15							
4174	Yale & Towne Manufacturing Co.	9.00							
4175	Franklin Electrical Manufacturing Co.	3.84							
4176	Geo. F. Muth & Co.	14.75							
4177	Louis Hartig.	9.35							
4178	E. Bennett Decker.	51.00							
4179	National Laundry Co.	17.60							
4180	H. W. Hendley.	75.00							
4181	J. H. Thiemeyer Co.	10.20							
4182	A. Zichtl & Co.	4.00							

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
4183	Beggs & Graham.....	\$7.00										
4184	Rudolph & West Co.....	4.50										
4185	Geo. F. Muth & Co.....		\$8.70									
4186	Woodruff Manufacturing Co.....		49.68									
4187	Beggs & Graham.....		41.50									
4188	Martin Wiegand.....		610.40									
4189	Whitall Tatum Co.....		259.01									
4190	Rudolph & West Co.....		12.41									
4191	Thomas Somerville Co.....			\$14.81								
4192	National Electrical Supply Co.....			85.36								
4193	Louis Hartig.....				\$7.84							
4194	F. A. Brockhaus.....					\$13.17						
4195	H. Hagerup.....					2.95						
4196	Karl W. Hiersemann.....					14.26						
4197	Paul Neff Verlag (Max Schreiber).....					2.66						
4198	R. Carter Ballantyne.....							\$2.75				
4199	William Wesley & Son.....							256.95				
4200	Merritt & Co.....							15.04				
4201	E. J. Murphy Co. (Inc.).....							2.60				
4202	Charles F. Rockwell.....							1.45				
4203	Rudolph & West Co.....							2.44				
4204	Chas. G. Stott & Co. (Inc.).....							1.74				
4205	Union Envelope Co.....							1.67				
4206	United States Envelope Co.....							2.72				
4207	Merchants Transfer & Storage Co.....							31.26				
4208	Oelrichs & Co., forwarding department.....							163.01				
4209	R. Carter Ballantyne.....								\$5.21			
4210	American Hard Rubber Co.....								1.98			
4211	American Tag Co.....								3.10			
4212	R. P. Andrews Paper Co.....								29.19			
4213	R. P. Clarke Co.....								1.98			
4214	Columbia Photo Supply Co. (Inc.).....								2.61			
4215	Easthampton Rubber Thread Co.....								4.80			
4216	Lansburgh & Bro.....								8.60			
4217	W. H. Lowdermilk & Co.....								8.07			

4218	Mackall Bros.....							2.00			
4219	W. B. Moses & Sons (Inc.).....							4.25			
4220	National Electrical Supply Co.....							5.13			
4221	Pennsylvania Railroad Co.....							3.59			
4222	Shaw-Walker Co.....							3.24			
4223	G. E. Stechert & Co.....							10.50			
4224	R. Weber.....							10.00			
4225	F. W. Hodge.....							21.70			
4226	Thos. Somerville Co.....								\$7.04		
4227	Miller, Clagett & Co.....								1.75		
4228	Mittag & Volger (Inc.).....								2.40		
4229	Mary C. Rollins.....							28.00			
4230	Browning & Middleton.....					\$43.20					
4231	Frank Hume (Inc.).....					2.40					
4232	Louis Hartig.....					23.75					
4233	James B. Lambie Co. (Inc.).....					26.09					
4234	Twin City Iron & Wire Works.....					48.24					
4235	National Laundry Co.....					1.43					
4236	W. B. Moses & Sons (Inc.).....					9.50					
4237	Chesapeake & Potomac Telephone Co.....					11.04					
4238	Potomac Electric Power Co.....					58.82					
4239	W. W. Griffith.....					582.46					
4240	Merchants Transfer & Storage Co.....					2.50					
4241	Crane Co.....									¹ \$14.41	
4242	Davis Construction Co. (Inc.).....									¹ 68.50	
4243	Thos. Somerville Co.....									¹ 65.67	
4244	Joseph Mace.....	41.66									
4245	Pay roll.....	1,376.64									
4246	do.....	21,412.84									
4247	do.....		800.00								
4248	do.....			2,173.50							
4249	do.....				312.50						
4250	do.....					5,070.13					
4251	do.....							2,460.84			
4252	do.....						1,710.00				
4253	do.....							\$900.00			
4254	do.....								545.00		
4255	do.....									¹ 153.00	
4258	C. A. Schneider's Sons.....	.75									
4259	Victor C. Heikes.....	.50									
4260	Randolph Paper Box Co.....	22.00									
4261	Arthur H. Thomas Co.....	99.22									
4262	United States Envelope Co.....	6.94									
4263	Pennsylvania Railroad Co.....	12.00									
4264	C. C. Nutting.....	18.10									
4265	Ambroid Co.....	18.20									
4266	F. O. Boyd & Co.....	423.28									
4267	Charles W. Beers & Co.....	210.00									
4268	R. Carter Ballantyne.....	75.69									
4269	Eagle Pencil Co.....	12.96									

¹ Bookstacks for Government bureau libraries.

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
4354	Columbia Graphophone Co.....								\$2.25			
4355	E. F. Droop & Sons Co.....								10.00			
4356	John B. Espey Co. (Inc.).....								6.50			
4357	The Heye Museum.....								16.55			
4358	Mittag & Volger (Inc.).....								2.40			
4359	American Express Co.....								1.17			
4360	Adams Express Co.....								.79			
4361	American Steel & Wire Co.....	\$16.15										
4362	Eastman Kodak Co.....	24.85										
4363	Edward S. Field.....	93.71										
4364	Henry Romeike (Inc.).....	5.00										
4365	Lamb & Tilden.....	1.18										
4366	The Ridgely Trimmer Co.....	.84										
4367	Albert L. Johnson.....	5.51										
4368	D. N. Walford.....	5.00										
4369	C. S. Brimley.....	3.25										
4370	Betzold Bros.....	6.00										
4371	Edwin H. Etz.....	3.75										
4372	George A. Emmons.....	6.65										
4373	Fred S. Lincoln.....	11.13										
4374	Lutz & Co. (Inc.).....	3.00										
4375	Eimer & Amend.....	64.67										
4376	Beggs & Graham.....		\$147.50									
4377	W. B. Moses & Sons.....		32.93									
4378	D. N. Walford.....		1.00									
4379	Mutual District Messenger Co.....			\$15.00								
4380	Washington Gas Light Co.....			22.27								
4381	Lamb & Tilden.....				\$10.00							
4382	McGraw-Hill Book Co. (Inc.).....					\$10.00						
4383	R. L. Polk & Co.....					45.00						
4384	G. E. Stechert & Co.....					12.19						
4385	The H. W. Wilson Co.....					4.00						
4386	Commercial Coal Co.....			\$81.50								
4387	J. E. Benedict.....	7.25										
4388	Josephine Saunders.....	40.00										

4389	F. D. Ward		50.00									
4390	F. X. Ganter Co.		76.50									
4391	J. H. Thiemeyer Co.							\$270.75				
4392	Washington City Post Office							195.00				
4393	Oelrichs & Co., forwarding department							60.80				
4394	G. W. Sheldon & Co.							48.27				
4395	Wm. H. Horstmann Co.	24.28										
4396	E. Leitz	22.03										
4397	George Murphy (Inc.)	1.93										
4398	National Laundry Co.	17.93										
4399	Oscar Schlegel Manufacturing Co.	42.00										
4400	T. B. Ward	31.40										
4401	Olive B. Myers	40.00										
4402	Adams Express Co.	24.17										
4403	American Express Co.	11.90										
4404	Richter Manufacturing Co.		35.00									
4405	Fred. S. Gichner			25.00								
4406	William Wesley & Son				25.89							
4407	Harrison G. Dyar				2.00							
4408	New England Botanical Club				1.50							
4409	Superintendent of Documents				12.30							
4411	W. M. Gray							40.00				
4412	J. Walter Fewkes							24.40				
4413	Barber & Ross							27.00				
4414	William W. Conner							2.80				
4415	Lansburgh & Bro.							3.24				
4416	Library Bureau							1.80				
4417	W. H. Lowdermilk & Co.							13.18				
4418	National Laundry Co.							2.18				
4419	Charles Scribner's Sons							7.65				
4420	Charles C. Smith							.70				
4421	Geo. W. Spier							2.50				
4422	L. H. Thomas Co.							1.50				
4423	Henry J. Green							\$50.00				
4424	Geo. F. Muth & Co.							2.67				
4425	Rivett Lathe & Grinder Co.							6.32				
4426	Leet Bros.											
4427	American Radiator Co.											
4428	Hoover & Denham						621.18					
4429	F. A. Denison & Co.						154.39					
4430	Chas. Schneider Baking Co.						31.50					
4431	Hoge & McDowell Co.						302.00					
4432	W. M. Galt & Co.						386.13					
4433	F. W. Bolgiano & Co.						49.30					
4434	Browning & Middleton (Inc.)						21.60					
4435	Cudahy Packing Co.						.59					
4436	Miller, Clagett & Co.						6.34					
4437	Chancey L. Gell						40.00					
4438	City of Boston, park and recreation department						5.58					
4439	Wm. Bartels Co.						7.00					

¹ Postage.² Bookstacks for Government bureau libraries.² \$3.40
² \$3.20

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
4440	Western Union Telegraph Co.						\$1. 10					
4441	Potomac Electric Power Co.						13. 16					
4442	D. H. Mudd & W. A. Brown						5. 25					
4443	R. P. Andrews Paper Co.						3. 24					
4444	Remington Typewriter Co.						3. 54					
4445	J. K. Morgal						6. 90					
4446	Scott Paper Co.						24. 50					
4447	National Mortar Co.						66. 00					
4448	Becker's Leather Goods Co.						3. 94					
4449	Swift & Co.						10. 80					
4450	P. Mann & Co.						. 85					
4451	James B. Lambie Co. (Inc.)						3. 84					
4452	E. J. Murphy Co. (Inc.)						1. 62					
4453	John A. Roebling's Sons Co.						5. 88					
4454	Ada Koogle	\$250. 00										
4455	F. A. Tschiffely, jr.	2. 00										
4456	Washington Southern Railway Co.	31. 55										
4457	Baer Bros.	4. 40										
4458	R. Carter Ballantyne	41. 70										
4459	George A. Emmons	5. 00										
4460	E. Garrott	8. 00										
4461	Charles R. Eastman	200. 00										
4462	Gray Herbarium of Harvard University	31. 23										
4463	Guy, Curran & Co.	21. 71										
4464	The Kny-Scheerer Co.	8. 80										
4465	Quaker City Rubber Co.	11. 18										
4466	The Torrey Botanical Club	11. 29										
4467	Shoemaker & Busch	22. 44										
4468	A. S. Stone	54. 00										
4469	A. J. McBlair	8. 00										
4470	Adams Express Co.	11. 00										
4471	Shoemaker & Busch		\$2. 64									
4472	Bedell Manufacturing Co.		16. 95									
4473	Beggs & Graham		201. 25									
4474	Washington Wood-Working Co.		13. 50									

4475	Whitall Tatum Co.		26.88									
4476	Washington Gas Light Co.			\$75.00								
4477	Sangamo Electric Co.			29.50								
4478	Thomas Somerville Co.			63.36								
4479	Commercial Coal Co.			97.94								
4480	Edison Lamp Works of General Electric Co.			408.99								
4481	Rudolph & West Co.				\$130.50							
4482	General Roofing Manufacturing Co.				5.10							
4483	Mary C. Rollins									\$96.00		
4484	Ray Phillips		7.00									
4485	The Garlock Packing Co.		1.91									
4486	Emma S. Brinton		5.00									
4487	Frances Densmore		8.00									
4488	W. A. H. Church		15.00									
4489	Dulin & Martin		6.84									
4490	Sarah E. Gannett		40.00									
4491	Z. D. Gilman		5.50									
4492	Gaylord Bros.		6.88									
4493	The Hawkins Co.		7.42									
4494	Leon Hirsh & Son		2.79									
4495	Lamb & Tilden (Inc.)		4.00									
4496	F. P. May Hardware Co.		30.10									
4497	Mackall Bros.		14.68									
4498	The E. Morrison Paper Co.		5.00									
4499	McKee Surgical Instrument Co.		1.40									
4500	Renz & Ludwig		1.00									
4501	Fred A. Schmidt		4.78									
4502	Edw. S. Schmid		1.00									
4503	Martin Wiegand		6.95									
4504	Hugh Reilly Co.		1.24									
4505	New York & Cuba Mail Steamship Co.		90.00									
4506	Lydia M. Green		13.50									
4507	The General Fireproofing Co.		26.25									
4508	Hugh Reilly Co.		227.36									
4509	Commercial Service Corporation		1.80									
4510	Julius Lansburgh Furniture & Carpet Co.		5.13									
4511	Melville D. Lindsay		3.36									
4512	Whitall Tatum Co.		201.80									
4513	The Garlock Packing Co.			4.76								
4514	Columbia Granite & Dredging Co.				4.44							
4515	A. D. E. Elmer					\$11.13						
4516	Karl W. Hiersemann					23.73						
4517	The American Fern Journal					.90						
4518	Joseph Mace		41.66									
4519	Pay roll		1,376.64									
4520	do		22,253.95									
4521	do			862.50								
4522	do				2,229.00							
4523	do					463.00						
4524	do						5,069.53					
4525	do									2,493.34		
4526	do										\$1,710.00	

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astronomical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
4527	Pay roll									\$900.00		
4528	do.....										\$545.00	
4529	do.....											¹ \$900.00
4530	Washington Fish Co.						\$173.75					
4531	Bureau of Mines (Canada) ..						180.00					
4532	A. D. Tingler						5.00					
4533	Martin Wiegand						8.62					
4534	E. J. Pullman						1.20					
4536	Theodor Oswald Weigel	\$7.97										
4537	John Macoun	16.24										
4538	Bausch & Lomb Optical Co.	11.01										
4539	C. S. Brimley	2.50										
4540	F. S. Collins	5.00										
4541	Gustav C. Gennert	4.34										
4542	Chas. G. Stott & Co. (Inc.) ..	3.86										
4543	The Seamon Assay Co.	20.00										
4544	Louis Hartig	17.70										
4545	National Electrical Supply Co.	2.91										
4546	The Pullman Co.	7.25										
4547	Star Union Line	1.49										
4548	Washington Railway & Electric Co.	10.00										
4549	The Glidden Varnish Co.		\$1.26									
4550	W. B. Moses & Sons		7.24									
4551	The Yale & Towne Manufacturing Co.		3.00									
4552	Louis Hartig		2.03									
4553	John C. Knipp & Sons		172.00									
4554	F. X. Ganter Co.		107.50									
4555	Washington Wood-Working Co.		375.00									
4556	Edison Lamp Works of General Electric Co.			\$228.48								
4557	John A. Roebeling's Sons Co.			1.50								
4558	United States Carbon Co.			3.08								
4559	National Electrical Supply Co.			114.29								
4560	Chesapeake & Potomac Telephone Co.			341.17								
4561	Louis Hartig				\$2.12							
4562	Royal Anthropological Institute					\$2.54						

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
4615	The Columbia Photo Supply Co. (Inc.)	\$25.98										
4616	The Fairbanks Co.	7.65										
4617	Lewis Flemer	3.53										
4618	Hastings & Co.	14.00										
4619	Hess-Hawkins Co.	8.70										
4620	A. Krassa	2.00										
4621	Barber & Ross	2.00										
4622	Charles R. Eastman	200.00										
4623	E. J. Pullman	76.00										
4624	Pennsylvania Railroad Co.	15.65										
4625	Beggs & Graham		\$39.30									
4626	R. B. Corey			\$16.60								
4627	Edison Lamp Works of General Electric Co.			50.40								
4628	Chesapeake & Potomac Telephone Co.			5.00								
4629	Postal Telegraph-Cable Co.			11.50								
4630	Barber & Ross				\$11.75							
4631	Pennsylvania Railroad Co.								\$10.00			
4632	D. I. Bushnell, jr.								187.50			
4633	Frances Densmore								323.75			
4634	Truman Michelson								27.18			
4635	John C. Knipp & Sons		3,548.00									
4638	Marie J. Prandi O'Keefe	20.00										
4639	Joseph Schrepler	12.00										
4640	Mackall Bros.	9.25										
4641	Henry Romeike (Inc.)	5.00										
4642	Lamb & Tilden (Inc.)	95.00										
4643	Lansburgh & Bro.	47.75										
4644	Mittag & Volger	16.80										
4645	The C. F. Pease Co.	5.00										
4646	Seabury & Johnson	45.00										
4647	C. Dorfinger & Sons (Inc.)		60.00									
4648	Diamond Chain & Manufacturing Co.			12.60								
4649	Southern Electric Co.			9.60								
4650	Mackall Bros.			2.71								
4651	Western Union Telegraph Co.			11.52								

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1914—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	trophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
4703	The Yale & Towne Manufacturing Co.		\$48.81									
4704	The H. B. Claflin Co.		18.40									
4705	Woodruff Manufacturing Co. (Inc.)		15.19									
4706	John C. Knipp & Sons		170.00									
4707	Westinghouse Electric & Manufacturing Co.			\$116.28								
4708	Mutual District Messenger Co.			15.00								
4709	The J. L. Mott Iron Works.				\$35.25							
4710	J. B. Lippincott Co.					\$1.35						
4711	New York Botanical Garden.					3.00						
4712	Spon & Chamberlain.					.75						
4713	The Wistar Institute of Anatomy and Biology					8.00						
4715	Astronomische Nachrichten									\$15.65		
4716	Pittsburgh Electrical Specialties Co.									19.66		
4717	E. I. Ackerman									3.00		
4718	District Machine Works									24.05		
4719	Z. D. Gilman									3.50		
4720	Henry J. Green									10.00		
4721	James B. Lambie Co. (Inc.)									13.46		
4722	National Electrical Supply Co.									5.15		
4723	Rudolph & West Co.									2.70		
4724	Shoemaker & Busch									1.90		
4725	C. S. Brimley	\$5.35										
4726	Mrs. T. S. Harmon	5.00										
4727	Hornblower & Marshall	8.00										
4728	Becker's Leather Goods Co.	10.50										
4729	Chas. Beseler Co.	18.00										
4730	Pennsylvania R. R. Co.	17.00										
4731	do.....	11.32										
4732	Samuel S. Waters	10.00										
4733	United States Express Co.	24.98										
4734	American Express Co.	3.78										
4735	Adams Express Co.	38.70										
4736	M. G. Copeland Co.		54.00									
4737	Richter Manufacturing Co.		43.20									
4738	Miller & Graham			8.82								

EXPENDITURES FOR INTERNATIONAL EXCHANGES, ETC.

[illegible]

4816h	Pennsylvania Railroad Co.....	58.62																		
4816i	do.....	2.44																		
	Disbursed by W. H. Blackburne, special disbursing agent.....																			
	Total disbursements of fiscal year 1914.....	292,347.28	39,630.70	44,097.65	8,701.22	1,408.65	93,791.70	30,377.78	39,353.43	12,220.13	6,779.91	16,367.23								

FROM APPROPRIATION FOR FISCAL YEAR 1913.

1926	Lydia A. Coonley Ward.....	\$362.00																		
1927	Woodward & Lothrop.....	5.40																		
1928	The Columbia Photo Supply Co. (Inc.).....	539.45																		
1929	Adams Express Co.....	27.71																		
1930	American Express Co.....	8.42																		
1931	W. B. Entwistle.....		\$52.00																	
1932	Woodward & Lothrop (Inc.).....		104.78																	
1933	H. S. Halbert.....																			
1934	Alice C. Fletcher.....																			
1935	Truman Michelson.....																			
1936	Barbara Freire-Marreco.....																			
1937	Theo. Presser Co.....																			
1938	F. V. Coville.....																			
1939	James R. Murie.....																			
1940	American Express Co.....																			
1941	W. H. Lowdermilk & Co.....																			
1942	R. Carter Ballantyne.....																			
1943	W. A. H. Church.....																			
1944	American Museum of Natural History.....																			
1945	E. F. Droop & Sons Co.....																			
1946	E. J. Murphy Co. (Inc.).....																			
1947	Roberts Numbering Machine Co.....																			
1948	Shoemaker & Busch.....																			
1949	The Standard Wire Co.....																			
1950	The Tolman Laundry.....																			
1951	Columbia Photo Supply Co. (Inc.).....																			
1952	Chesapeake & Potomac Telephone Co.....																			
1953	Frances Densmore.....																			
1954	E. F. Droop & Sons Co.....																			
1955	Southern Railway Co.....																			
1956	United States Express Co.....																			
1957	R. Carter Ballantyne.....																			
1958	International Manufacturing Co.....																			
1959	A. L. Johnson.....																			
1960	G. E. Stechert & Co.....																			
1961	J. H. Thiemeier Co.....																			
1962	Austin Baldwin & Co. (Inc.).....																			
1963	Oelrichs & Co., forwarding department.....																			
1964	Chesapeake & Potomac Telephone Co.....																			
1965	John T. Bailey Co.....																			
1966	Bausch & Lomb Optical Co.....																			

¹ Bookstacks for Government bureau libraries.² Including \$500 for postage.³ Including \$1,440.23 for book-stacks for Government bureau libraries.
Balance of disbursements on abstract for 1913.

EXPENDITURES FOR INTERNATIONAL EXCHANGES, ETC.

[illegible]

2002	Albert L. Johnson.....			\$21.94																
2003	Rudolph & West Co.....			2.10																
2004	National Mortar Co.....			4.48																
2005	J. P. Nawrath.....			38.00																
2006	Standard Oil Co.....			9.40																
2007	The Globe Paint & Color Co.....																			
2008	James B. Lambie Co.....				\$8.82															
2009	Rudolph & West Co.....				14.25															
2010	National Mortar Co.....				33.75															
2011	E. J. Murphy Co.....				3.20															
2012	Hugh Reilly Co.....				9.38															
2013	William Wesley & Son.....				90.35															
2014	F. Weinberg.....					\$34.37														
2015	Chesapeake & Potomac Telephone Co.....						\$75.00													
2016	M. C. Huddleston & Co.....						18.90													
2017	Constance White.....						7.50													
2018	F. W. Bird & Son.....						24.00													
2019	Barrett Manufacturing Co.....						55.12													
2020	American Ice Co.....						65.29													
2021	Herman Baumgarten Co. (Inc.).....						4.59													
2022	R. P. Clarke Co.....						.60													
2023	Rudolph & West Co.....						18.75													
2024	Louis Hartig.....						92.81													
2025	Thos. Somerville Co.....						65.33													
2026	The Washington Post Co.....						83.79													
2027	Publishers of Engineering and Contracting.....																		\$7.65	
2028	Engineering Record.....																		15.30	
2029	Engineering News.....																		7.60	
2030	M. E. Caton.....																		10.80	
2031	Henry Allen.....	8.64																	237.00	
2032	The Fairbanks Co.....	4.03																		
2033	The Globe-Wernicke Co.....	9.80																		
2034	Louis Hartig.....	4.68																		
2035	Fred S. Lincoln.....	6.24																		
2036	Geo. F. Muth & Co.....	9.64																		
2037	R. P. Clarke Co.....	9.14																		
2038	Lydia M. Green.....	1.15																		
2039	do.....	42.65																		
2040	Art Metal Construction Co.....		6.20																	
2041	West Disinfecting Co.....		3.60																	
2042	Chesapeake & Potomac Telephone Co.....					66.18														
2043	Grove Lime & Coal Co.....						2.22													
2044	The Imperial Brass Manufacturing Co.....						.70													
2045	Rosslyn Supply Co.....						3.75													
2046	F. E. Gist.....	330.00																		
2047	Columbia Incandescent Lamp Works of General Electric Co.....					909.82														
2048	Karl W. Hiersemann.....						12.80													
2049	Carl Winter.....						10.00													

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1913—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astronomical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
2050	The Globe-Wernicke Co.								\$9.40			
2051	Mary Wright Gill								12.00			
2052	The New York Public Library								37.50			
2053	Pennsylvania R. R. Co.							\$330.20				
2054	Adams Express Co.									\$.90		
2055	R. C. M. Burton & Son									7.00		
2056	Crane Co.									12.40		
2057	Thos. Somerville Co.									2.64		
2058	G. E. Stehert & Co.									9.75		
2059	Chesapeake & Potomac Telephone Co.									.88		
2060	Hy. Forster Morley										\$1.56	
2061	Chesapeake & Potomac Telephone Co.										.87	
2062	Washington city post office										50.00	
2063	G. P. Van Eseltine	\$70.00										
2064	Rudolph & West Co.				\$280.00							
2065	Evelyn H. Hall	40.00										
2066	Charles F. Rousselet	16.54										
2067	W. E. Scollick	50.00										
2068	Mutual District Messenger Co.			\$15.00								
2069	Washington Gas Light Co.			15.30								
2070	W. H. Holmes											
2071	J. W. Gidley	179.03							76.70			
2072	Sidney F. Blake	90.00										
2073	R. P. Andrews Paper Co.									1.91		
2074	The Carroll Electric Co.									2.80		
2075	R. P. Clarke Co.									3.34		
2076	Columbia Granite & Dredging Co.									1.96		
2077	Jack D. Goldsmith									7.50		
2078	Mathers-Lamm Paper Co.									18.75		
2079	Chas. G. Stott & Co.									5.54		
2080	Union Envelope Co.									4.85		
2081	United States Envelope Co.									1.16		
2082	D. I. Bushnell, jr.									156.25		
2083	Brentano's							3.00				
2084	Albert L. Johnson							2.55				

2085	E. J. Murphy Co. (Inc.)						1.00				
2086	J. H. Thiemeyer Co.						294.00				
2087	Anstett Baldwin & Co. (Inc.)						346.25				
2088	Oelrichs & Co., forwarding department						249.11				
2089	The Carroll Electric Co.								13.80		
2090	R. P. Clarke Co.								5.58		
2091	R. Ennis								3.93		
2092	Ginn & Co.								1.35		
2093	John Greig								24.95		
2094	Montgomery & Co.								4.95		
2095	John S. Prescott								3.00		
2096	James B. Lambie Co. (Inc.)								15.36		
2097	R. P. Andrews Paper Co.									14.40	
2098	R. P. Clarke Co.									4.84	
2099	Eagle Pencil Co.									2.64	
2100	Easthampton Rubber Thread Co.									11.70	
2101	Mittag & Volger (Inc.)									2.40	
2102	Remington Typewriter Co.									1.10	
2103	Roberts Numbering Machine Co.									6.00	
2104	Chas. G. Stott & Co.									.88	
2105	W. L. Swayze									1.63	
2106	Whitaker Paper Co.									6.70	
2107	Rollin A. Harris									10.00	
2108	G. W. Gill	60.00									
2109	Geo. W. Stuart					\$218.50					
2110	Rowland Ward (Ltd.)	1,723.59									
2111	Roberts Numbering Machine Co.	6.00									
2112	Janet H. Hayes	40.00									
2113	John Greig	24.95									
2114	H. G. Kotten Co.	22.30									
2115	A. Krassa	64.80									
2116	Ernst Leitz	61.75									
2117	Milton Bradley Co.	7.25									
2118	Sengbusch Self-Closing Inkstand Co.	15.65									
2119	Schering & Glatz	13.74									
2120	Kumataro Ito	99.75									
2121	Bausch & Lomb Optical Co.	45.39									
2122	Cooper Hewitt Electric Co.	455.00									
2123	Geo. D. Feidt & Co.	3.20									
2124	Estate of James S. Topham	18.00									
2125	F. A. Tschiffely, jr.	11.69									
2126	Washington Rubber Co.	45.00									
2127	Woodruff Manufacturing Co. (Inc.)	26.59									
2128	W. L. Swayze	1.18									
2129	L. B. Bouchelle	10.00									
2130	Mary Wright Gill	60.00									
2131	Albert L. Johnson	14.25									
2132	M. A. Leese	129.54									
2133	Smithsonian Institution	52.03									
2134	Martin Wiegand	24.47									
2135	The Elmer H. Catlin Co.		\$29.50								
2136	C. Dorrflinger & Sons (Inc.)		61.00								

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1913—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astrophysical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
2137	The Randolph Paper Box Co.....		\$70.88									
2138	W. L. Swayze.....		3.25									
2139	M. Feigel & Bro.....		19.50									
2140	George W. Perkins.....		8.40									
2141	Typewriter & Office Supply Co.....		.50									
2142	Rudolph & West Co.....			\$50.78								
2143	The J. L. Mott Iron Works.....			11.87								
2144	Otis Elevator Co.....			11.95								
2145	National India Rubber Co.....			106.60								
2146	Edward F. Caldwell & Co.....			675.00								
2147	J. B. Kendall Co.....			11.40								
2148	Quaker City Rubber Co.....			21.31								
2149	Martin J. Flaherty.....			38.18								
2150	Link-Belt Co.....			66.00								
2151	The Flexible Compound Co. (Inc.).....				\$25.00							
2152	Michael A. Keane.....						\$295.00					
2153	Hoover & Denham.....						125.00					
2154	Hoge & McDowell Co.....						566.78					
2155	Boston Bakery, General Baking Co.....						43.94					
2156	Wm. J. Mackensen.....						342.75					
2157	Chas. H. Javins & Sons.....						40.00					
2158	Reliable Horse & Mule Co.....						220.00					
2159	American Ice Co.....						20.59					
2160	F. W. Bird & Son.....						89.38					
2161	James B. Lambie Co. (Inc.).....						61.73					
2162	G. B. Mullin.....						267.00					
2163	Kellogg Switchboard & Supply Co.....						10.05					
2164	Katherine Mayo, agent for John Ogilvie.....	\$200.00										
2165	Shoemaker & Busch.....	64.42										
2166	G. P. Van Eseltine.....	70.00										
2167	Longdale Coal Co.....			1,116.00								
2168	Pennsylvania Railroad Co.....							\$286.47				
2169	Pride of the Kitchen Co.....								\$2.40			
2170	M. C. Stevenson.....								36.35			
2171	Franz Boas.....								17.10			

42

2172	J. P. Dunn.	8.50							300.00		
2173	Mossie Shelby.	37.50									
2174	U. S. J. Dunbar.	120.00									
2175	Sidney F. Blake.	5.00									
2188	American Press Information Bureau.	71.25									
2189	R. P. Clarke Co.	5.00									
2190	H. F. Colman.	15.54									
2191	Z. D. Gilman.	5.40									
2192	H. F. Harper Co. (Inc.)	34.97									
2193	The Kny-Scheerer Co.	9.18									
2194	The C. E. Sheppard Co.	8.00									
2195	Chas. G. Stott & Co.	34.17									
2196	Barber & Ross.	52.85									
2197	P. H. Heiskell, jr., & Co.	19.48									
2198	Iva Albaugh.	7.38									
2199	R. P. Andrews Paper Co.	1.68									
2200	The E. B. Adams Co.	.80									
2201	J. Baumgarten & Sons Co.	3.81									
2202	The Columbia Photo Supply Co. (Inc.)	2.64									
2203	Lewis Flemer.	1.50									
2204	Garner-Ruppert Co.	3.00									
2205	E. J. Pullman.	1.00									
2206	Renz & Ludwig.	2.50									
2207	The Taylor-Hobson Co.		48.00								
2208	Bausch & Lomb Optical Co.		12.60								
2209	Bedell Manufacturing Co.		.45								
2210	M. G. Copeland Co.		27.65								
2211	Dulin & Martin Co.			17.05							
2212	Barber & Ross.			8.42							
2213	P. H. Heiskell, jr., & Co.			7.24							
2214	J. W. Buckley Rubber Co.			6.75							
2215	The Phillip Carey Co.			9.94							
2216	Standard Oil Co.										
2217	F. A. Denison & Co.						180.90				
2218	Frank Hume (Inc.)						11.16				
2219	F. W. Bolgiano & Co.						32.25				
2220	Ben Einstein.						10.00				
2221	Page Woven Wire Fence Co.						191.57				
2224	Herman Baumgarten Co. (Inc.)	2.43									
2225	The B. F. Goodrich Co.	3.38									
2226	Lamb & Tilden.	2.50									
2227	Melville D. Lindsay.	.50									
2228	Mackall Bros.	3.23									
2229	The Tolman Laundry.	36.65									
2230	Columbia Granite & Dredging Co.	1.96									
2231	John P. Espey Co. (Inc.)	9.75									
2232	The Yale & Towne Manufacturing Co.		25.60								
2233	John B. Espey Co. (Inc.)		12.20								
2234	Kraemer & Duehring.		13.50								
2235	The Randolph Paper Box Co.		83.61								
2236	Melville D. Lindsay.			3.96							
2237	Mackall Bros.			2.65							

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1913—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astronomical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
2331	M. A. Leese.....								\$0.25			
2332	Library Bureau.....								.80			
2333	W. H. Lowdermilk & Co.....								7.80			
2334	H. C. Miller Co.....								1.29			
2335	W. & J. Sloane.....								20.00			
2336	Underwood Typewriter Co. (Inc.).....								8.00			
2337	Estate of H. A. Scomp.....								300.00			
2338	Eastman Kodak Co.....								4.32			
2339	Wm. H. Horstmann Co.....								1.60			
2340	Parex Manufacturing Co.....								.09			
2341	E. J. Pullman.....								.25			
2342	Fred A. Schmidt.....								.33			
2343	Southern Railway Co.....								12.05			
2344	Chas. G. Stott & Co.....								1.55			
2345	The Tolman Laundry.....								1.49			
2346	Typewriter and Office Supply Co.....								.50			
2347	Karl W. Hiersemann.....							\$16.05				
2348	Chesapeake & Potomac Telephone Co.....							1.75				
2349	Postal Telegraph-Cable Co.....							.75				
2350	Austin Baldwin & Co (Inc.).....							100.58				
2380	G. P. Van Eseltine.....	\$100.00										
2388	W. F. H. Rosenberg.....	26.88										
2389	R. & J. Beck (Ltd.).....	1.54										
2390	The Western Union Telegraph Co.....			\$25.00								
2391	Merchants Transfer & Storage Co.....								.25			
2392	Leo J. Frachtenberg.....								77.17			
2393	W. B. Moses & Sons.....								8.00			
2394	Postal Telegraph-Cable Co.....								1.09			
2395	The Pullman Co.....								12.90			
2396	Hugh Reilly Co.....								.47			
2397	The Shaw-Walker Co.....								.33			
2398	Shoemaker & Busch.....								1.00			
2399	Vandalia Railroad Co.....								15.10			
2400	Western Union Telegraph Co.....								7.26			
2401	Woodward & Lothrop.....								.30			

2402	Southern Railway Co.								10.25			
2403	Columbia Photo Supply Co. (Inc.)								7.35			
2404	G. E. Stechert & Co.								40.74			
2419	F. Canu	250.00										
2420	The E. Morrison Paper Co	7.84										
2421	The Crosby Frisian Fur Co	66.68										
2422	Sarah E. Gannett	62.48										
2423	John C. Knipp & Sons		\$1,250.00									
2424	Massachusetts Sanitary Appliance Co		185.25									
2425	National Electrical Supply Co.			380.33								
2426	J. Neumann					\$1.13						
2427	Academy of Natural Sciences of Philadelphia					7.00						
2428	Brentano's					22.44						
2429	Francis Bannerman					.50						
2430	The Nature Publishing Co.					1.40						
2431	New York Botanical Garden					1.50						
2432	J. Evelyn Ridgway					16.00						
2433	Frederick A. Stokes Co.					9.00						
2434	E. A. Schwarz					6.00						
2435	Smithsonian Institution					71.30						
2436	Charles Scribner's Sons					15.03						
2437	J. K. Small					7.25						
2438	Textile Publishing Co.					2.50						
2439	D. Van Nostrand Co.					5.00						
2440	Scientific American compiling department					15.00						
2441	R. Friedlander & Sohn					13.49						
2442	G. E. Stechert & Co.					142.55						
2443	William Wesley & Son								\$4.62			
2444	De La Vergne Machine Co.								163.20			
2445	Yale University Press								4.25			
2446	Chesapeake & Potomac Telephone Co								.87			
2447	M. E. Kahler								20.50			
2448	G. E. Stechert & Co.								19.50			
2455	William Wesley & Son					196.10						
2459	G. W. Gill	60.00										
2460	Edw. S. Schmid					\$7.50						
2461	Miller, Clagett & Co.					24.88						
2462	E. J. Murphy Co. (Inc.)					25.70						
2463	Howell's Microcosm					47.70						
2464	Haverford Cycle Co.					36.00						
2465	Thos. Somerville Co.					80.75						
2466	J. B. Kendall Co.					12.51						
2467	Potomac Electric Power Co.					5.15						
2468	Typewriter & Office Supply Co.					3.25						
2469	B. B. Moore					68.00						
2470	National Electrical Supply Co.					1.13						
2471	Shoemaker & Busch					1.13						
2472	S. A. Ripple & Bros.					20.37						
2473	Standard Oil Co.					9.00						
2474	Page Woven Wire Fence Co.					24.98						
2475	D. H. Mudd and W. A. Brown					7.50						
2476	Becker's Leather Goods Co					80.65						

EXPENDITURES FOR INTERNATIONAL EXCHANGES, ETC

[illegible]

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1913—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astronomical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
2798	G. W. Offutt Co.....						\$2.02					
2799	Louis Hartig.....						39.52					
2800	American Express Co.....						6.83					
2804	R. Weber.....	\$54.00										
2805	Martin Wiegand.....		\$35.00									
2814	Alfred Suter.....	64.00										
2815	Mackall Bros.....	5.69										
2816	Remington Typewriter Co.....		7.45									
2817	Mackall Bros.....			\$2.65								
2818	National Electrical Supply Co.....			96.00								
2819	Martin Wiegand.....		2,672.10									
2860	Otis Elevator Co.....			1,160.00								
2861	Globe-Wernicke Co.....		41.85									
2862	Hardin Sylestine.....								\$22.50			
2863	Felix Neumann.....								44.00			
2864	Marcus Ward Lyon.....										\$55.50	
2865	F. H. Knowlton.....										32.50	
2866	The Pennsylvania Railroad Co.....							\$573.45				
2867	F. S. Gichner.....			138.00								
2896	Martin Wiegand.....		298.50									
2897	The Randolph Paper Box Co.....		447.68									
2898	Carey Machinery & Supply Co.....			1,600.00								
2932	M. J. Prandi O'Keefe.....	14.00										
2944	Holmes Metallic Packing Co.....			12.00								
2977	Alfredo Jahn.....	30.00										
2978	Oriental Rug Repairing & Cleaning Co.....	55.00										
2979	Geo F. Muth & Co.....	.36										
2980	Martin Wiegand.....		208.00									
2981	E. J. Murphy Co.....		1.75									
2985	Janet H. Hayes.....	70.44										
3002	The Cudahy Packing Co.....						7.47					
3003	National Mortar Co.....						84.00					
3004	H. M. Wagner & Co.....						20.84					
3005	The E. B. Adams Co.....						18.02					
3006	Forest and Stream Publishing Co.....						1.50					

3007	W. A. H. Church					195.38				
3008	E. J. Pullman					1.00				
3009	Eastman Kodak Co.					1.22				
3010	Barber & Ross					23.75				
3011	Martin Wiegand					26.35				
3012	Lutz & Co.					5.67				
3013	Geo. F. Muth & Co.					103.89				
3014	James B. Lambie Co. (Inc.)					588.98				
3041	Betzold Bros.	69.00								
3042	The Powers Regulator Co.		190.00							
3079	G. W. Gill	90.00								
3107	W. H. Lowdermilk & Co.						4.50			
3147	American Express Co.					6.95				
3161	McLeod Stone Co.							\$3.50		
3162	Marcus Ward Lyon								4.00	
3175	E. B. Decker	37.50								
3193	Betzold Bros.	78.50								
3203	Bureau of Education	79.59								
3204	Mary Wright Gill	9.00								
3205	United States Express Co.	58.61								
3235	Karl W. Hiersemann					3.69				
3236	Adams Express Co.					37.07				
3254	United States Express Co.					26.15				
3258	George E. Barber	13.50								
3286	U. S. J. Dunbar	37.50								
3297	Oliver Typewriter Co.						.50			
3298	Pennsylvania Railroad Co.						2.21			
3299	F. H. Knowlton								20.00	
3299a	Water department, District of Columbia, 1913 and 1914					284.49				
3418	F. Krantz	32.34								
3429	Wilh. Schlüter	5.82								
3432	Merchants Transfer & Storage Co.					8.00				
3465	G. W. Gill	30.00								
3470	Martin Wiegand		1,269.45							
3497	Z. D. Gilman						.67			
3498	G. E. Stechert & Co.						2.50			
3507	F. H. Knowlton								13.50	
3523	H. W. Acheson					12.00				
3610	William Wesley & Son	4.25								
3611	E. G. Mitchell	46.50								
3612	Thomas Somerville Co.		13.34							
3613	Karl W. Hiersemann				\$16.99					
3632	F. Canu	500.00								
3633	U. S. J. Dunbar	37.50								
3761	Violet Dandridge	35.00								
3762	R. P. Clarke Co.						.15			
3763	Franz Boas						35.69			
3764	United States Aluminum Co.							.60		
3800	Blue Line Transfer Co.	.25								
3840	Franz Boas						7.00			

Combined abstract of disbursements from July 1, 1913, to June 30, 1914—Continued.

FROM APPROPRIATION FOR FISCAL YEAR 1913—Continued.

Voucher No.	To whom paid.	United States National Museum.					National Zoological Park.	International Exchanges.	American Ethnology.	Astronomical Observatory.	International Catalogue of Scientific Literature.	Bridge over Rock Creek National Zoological Park (no year).
		Preservation of collections.	Furniture and fixtures.	Heating and lighting.	Building repairs.	Books.						
3841	Brentano's					\$1.00						
3842	New York Botanical Garden					5.50						
3843	G. E. Stechert & Co.					49.91						
3851	Frederick E. Fowle, jr.										\$17.00	
3852	F. H. Knowlton										42.00	
3886	Wilh. Schlüter	\$141.75										
3887	The Zoological Society of London						\$3.65					
3958	M. W. Lyon, jr.	187.50										
3959	The Randolph Paper Box Co.		\$228.21									
3960	Edward F. Caldwell & Co.			\$3,400.00								
3961	Max Weg					5.32						
4009	William Wesley & Son					48.79						
4010	Astronomische Nachrichten									\$15.65		
4010a	American Express Co.						99.75					
4010b	United States Express Co.	60.27										
4010c	Panama Railroad Co.	11.90										
4010d	Norfolk & Washington Steamboat Co.	3.75										
4010e	Baltimore & Ohio R. R. Co.	22.31										
4010f	do	5.94										
4010g	do	132.31										
4010h	Pennsylvania R. R. Co.	20.11										
4010i	Baltimore & Ohio R. R. Co.	4.75										
4023	Frank Smith	91.44										
4024	James L. Clark	500.00										
4076	Leo J. Frachtenberg								\$1.00			
4118	Columbia Photo Supply Co. (Inc.)	130.00							.60			
4256	Booth, Garrett & Blair									7.20		
4257	B. F. Stevens & Brown	2.45										
4410	The Pennsylvania Railroad Co.	187.50										
4535	M. W. Lyon, jr.								250.00			
4568	Franz Boas											
4607	Marie J. Prandi O'Keefe	2.00										
4636	J. S. Warmbath	300.00										
4637	Hilda W. Horn	15.50										
4714	Booth, Garrett & Blair	65.00										

4784	A. D. E. Elmer.....	138.78										
4784a	Library of Congress.....	1.70										
4784b	Pennsylvania Railroad Co.....	157.39										
4784c	do.....	1.62										
	Disbursed by W. H. Blackburne, special dis-											
	bursing agent.....					3,980.00						
	Total disbursements of fiscal year 1913.....	13,735.28	11,575.37	12,537.84	\$574.91	\$34.54	9,450.57	\$4,065.39	3,038.89	373.96	389.85	¹ \$278.35

FROM APPROPRIATIONS FOR FISCAL YEAR 1912.

572a	Wm. J. Mackensen.....					\$185.00						
875r	J. S. Warmbath.....	\$87.75										
875s	Panama Railroad Co.....	3.00										
875t	Marine Biological Laboratory.....	7.10										
875u	J. S. Warmbath.....	130.50										
105a	The J. W. Scott Co. (Ltd.).....				\$0.60							
875v	The Pennsylvania Railroad Co.....	3.79										
105b	Karl W. Hiersemann.....				1.24							
875w	J. S. Warmbath.....	140.05										
875x	Helen Winchester.....	76.50										
875y	Baltimore & Ohio R. R. Co.....	1.30										
875z	do.....	25.71										
875aa	Pennsylvania Railroad Co.....	16.15										
368a	G. E. Stechert & Co.....							\$5.25				
180a	Mount Wilson Solar Observatory.....								\$387.00			
875bb	Washington Southern Railway Co.....	1.05										
875cc	Baltimore & Ohio Railroad Co.....	40.50										
875dd	H. A. Pilsbry.....	200.00										
875ee	Helen Winchester.....	181.50										
	Total disbursements of fiscal year 1912.....	914.90				1.84	185.00		5.25	387.00		

¹ Balance of disbursements on abstract for 1914.