

EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

LETTER

FROM

THE SECRETARY OF THE SMITHSONIAN INSTITUTION,

TRANSMITTING

A statement of the expenditures for the fiscal year 1891.

JANUARY 5, 1892.—Referred to the Committee on Appropriations and ordered to be printed.

SMITHSONIAN INSTITUTION,
Washington, D. C., December 21, 1891.

SIR: In accordance with a provision in the sundry civil appropriation act of October 2, 1888, I have the honor to submit to Congress a detailed statement of the expenditures for the fiscal year 1891, under the appropriations for "International exchanges," the "National Museum," and "North American ethnology."

I also submit an account of the expenditures of the "United States National Zoölogical Park," placed under the direction of the Regents of the Smithsonian Institution by the act of April 30, 1890, and of the expenditures of the appropriations for the "Perkins collection of pre-historic copper implements," the "Daughters of the late Prof. Joseph Henry," the "Capron collection of Japanese works of art," and the "Repairs of the Smithsonian building."

I have the honor to be, very respectfully, your obedient servant.

S. P. LANGLEY,
Secretary,

Hon. CHARLES F. CRISP,
Speaker of the House of Representatives,

INTERNATIONAL EXCHANGES.

Appropriation by Congress for the fiscal year ending June 30, 1891, "for expenses of the system of international exchanges between the United States and foreign countries under the direction of the Smithsonian Institution, including salaries or compensation of all necessary employees"..... \$17,000.00
(Sundry civil act, August 30, 1890.)

Expenditures from July 1, 1890, to June 30, 1891.

Salaries or compensation:

1 curator, 12 months, at \$208.33.....	\$2,499.96
1 clerk, 7 months, at \$150; 5 months, at \$160.....	1,850.00
1 clerk, 3 months, at \$110; 9 months, at \$120.....	1,410.00
1 clerk, 3 months, at \$80; 9 months, at \$85.....	1,005.00
1 clerk, 3 months, at \$75; 9 months, at \$80.....	945.00
1 clerk, 12 months, at \$75.....	900.00
1 clerk, 3 months, at \$70; 9 months, at \$75.....	885.00
1 stenographer, 12 months, at \$45.....	540.00
1 clerk, 9 months, at \$55.....	495.00
1 copyist, 3 months, at \$35; 9 months, at \$45.....	465.00
1 copyist, 13 days, at \$1.50.....	19.50
1 copyist, 10 days, at \$1.....	10.00
1 packer, 12 months, at \$75.....	900.00
1 packer, 12 months, at \$50.....	600.00
1 laborer, 3 months, at \$45; 9 months, at \$50.....	585.00
1 agent (Germany), 6 months, at \$83.33½.....	500.00
1 agent (England), 6 months, at \$41.66½; 6 months, at \$50.....	550.00

Total salaries or compensation \$14,159.46

General expenses:

Freight.....	1,298.33
Packing boxes.....	758.16
Printing and binding.....	189.05
Postage.....	184.58
Stationery and supplies.....	410.42

2,840.54

Total expenditures international exchanges \$17,000.00

Detailed statement of expenditures from appropriation of \$17,000 for international exchanges, Smithsonian Institution, 1891.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
1	Pay roll (one-half July), services.....	\$405.00	22	Johannes Schröder, freight.....	\$11.87
2	Washington City post-office, postage.....	30.00	23	Wm. Ballantyne & Son, stationery and supplies.....	7.26
3	S. L. Merchant Co., freight.....	1.50	24	R. A. Robbins, stationery and supplies.....	2.20
4	Oelrichs & Co., freight.....	3.80	25	Z. D. Gilman, stationery and supplies.....	.75
5	W. C. Winlock, services.....	208.33	26	J. C. Parker, stationery and supplies.....	1.00
6	Pay roll (one-half July), services.....	424.50	27	United States Express Co., freight.....	5.90
7	Oelrichs & Co., freight.....	4.93	28	T. R. Mitchell, printing and binding.....	103.00
8	Barber & Co., freight.....	10.16	29	Adams Express Co., freight.....	.40
9	do.....	16.47	30	Oelrichs & Co., freight.....	2.73
10	Pay roll (one-half August), services.....	405.00	31	do.....	7.18
11	Wyckoff, Seamans & Benedict, stationery and supplies.....	1.00	32	Washington City post-office, postage.....	30.00
12	Geo. Maier, printing and binding.....	2.70	33	Barber & Co., freight.....	7.25
13	United States Express Co., freight.....	3.40	34	W. C. Winlock, services.....	208.33
14	Oelrichs & Co., freight.....	3.83	35	Pay roll (one-half September), services.....	405.00
15	Barber & Co., freight.....	5.69	36	S. L. Merchant Co., freight.....	1.50
16	W. C. Winlock, services.....	208.33	37	Pay roll (one-half October), services.....	450.00
17	Pay-roll (one-half August), services.....	415.00	38	Geo. W. Knox, freight.....	54.23
18	J. F. Paret, stationery and supplies.....	75.75	39	Geo. Maier, printing and binding.....	35.10
19	Geo. W. Knox, freight.....	80.92	40	Barber & Co., freight.....	6.16
20	Barber & Co., freight.....	5.52			
21	Pay roll (one-half September) services.....	405.00			

Detailed statement of expenditures from appropriation of \$17,000 for international exchanges, Smithsonian Institution, 1891—Continued.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
41	Barber & Co., freight.....	\$6.17	93	Easton & Rupp, stationery and supplies.....	\$6.15
42	Woodward & Lothrop, stationery and supplies.....	3.21	94	Barber & Co., freight.....	6.43
43	do.....	.53	95	do.....	9.78
44	Wm. Ballantyne & Son, stationery and supplies.....	60.55	96	Wm. Wesley & Son, services.....	250.00
45	T. R. Mitchell, printing and binding.....	25.00	97	Felix Flügel, services.....	500.00
46	do.....	5.50	98	Pay roll (one-half February) services.....	455.00
47	W. H. Houghton & Co., packing boxes.....	378.25	99	Wm. Ballantyne & Son, stationery and supplies.....	6.41
48	Oelrichs & Co., freight.....	4.15	100	John C. Parker, stationery and supplies.....	10.00
49	Adams Express Co., freight.....	1.65	101	Judd & Detweiler, printing and binding.....	6.00
50	Geo. W. Knox, freight.....	155.11	102	Barber & Co., freight.....	12.35
51	W. C. Winlock, services.....	208.33	103	Inland and Seaboard Coasting Co., freight.....	71.85
52	Pay roll (one-half October), services.....	450.00	104	Easton & Rupp, stationery and supplies.....	2.50
53	U. S. Express Co., freight.....	1.80	105	Oelrichs & Co., freight.....	9.78
54	Washington City post-office, postage.....	30.09	106	do.....	3.18
55	Pay roll (one-half November), services.....	450.00	107	James G. Scott, stationery and supplies.....	12.50
56	Wm. Wesley & Son, freight, postage, etc.....	219.05	108	Thos. W. Smith, stationery and supplies.....	18.23
57	Z. D. Gilman, stationery and supplies.....	1.50	109	F. P. May & Co., stationery and supplies.....	5.05
58	Wm. Ballantyne & Son, stationery and supplies.....	60.88	110	Library Bureau, stationery and supplies.....	3.00
59	F. P. May & Co., stationery and supplies.....	11.03	111	do.....	10.00
60	do.....	6.90	112	Washington City post-office, postage.....	30.00
61	Thos. W. Smith, packing boxes.....	1.69	113	Carter, Rice & Co., stationery and supplies.....	16.65
62	Judd & Detweiler, printing and binding.....	6.00	114	Oelrichs & Co., freight.....	3.73
63	Easton & Rupp, stationery and supplies.....	9.00	115	Barber & Co., freight.....	8.73
64	W. H. Butler, stationery and supplies.....	2.70	116	A. Schumacher & Co., freight.....	16.13
65	Oelrichs & Co., freight.....	3.53	117	W. C. Winlock, services.....	208.33
66	do.....	2.30	118	Pay roll (one-half February), services.....	455.00
67	Barber & Co., freight.....	6.17	119	Gedney & Roberts, stationery and supplies.....	5.17
68	Wyckoff, Seamans & Benedict, stationery and supplies.....	4.75	120	Adams Express Co., freight.....	1.60
69	Wilmarth & Edmonston, stationery and supplies.....	.45	121	Barber & Co., freight.....	6.18
70	Pay roll (one-half November), services.....	450.00	122	United States Express Co., freight.....	2.50
71	W. C. Winlock, services.....	208.33	123	Geo. W. Knox, freight.....	118.41
72	Washington City post-office, postage.....	30.00	124	do.....	106.40
73	Pay roll (one-half December), services.....	450.00	125	H. Baumgarten, stationery and supplies.....	14.75
74	Barber & Co., freight.....	8.10	126	Easton & Rupp, stationery and supplies.....	1.20
75	John C. Parker, stationery and supplies.....	12.05	127	Pay roll (one-half March), services.....	455.00
76	Pay roll (one-half December), services.....	450.00	128	Woodward & Lothrop, stationery and supplies.....	.69
77	Wm. Ballantyne & Son, stationery and supplies.....	1.00	129	Wm. Ballantyne & Son, stationery and supplies.....	2.21
78	Geo. Maier, printing and binding.....	5.00	130	Oelrichs & Co., freight.....	2.13
79	John C. Parker, stationery and supplies.....	9.00	131	J. F. W. Dorman & Co., stationery and supplies.....	1.96
80	Adams Express Co., freight.....	4.45	132	Barber & Co., freight.....	6.43
81	Oelrichs & Co., freight.....	16.44	133	Pay roll (one-half March), services.....	455.00
82	A. Schumacher & Co., freight.....	21.31	134	W. C. Winlock, services.....	208.33
83	Browning & Middleton, stationery and supplies.....	1.63	135	Pay roll (one-half April), services.....	455.00
84	Geo. W. Knox, freight.....	187.77	136	U. S. Express Co., freight.....	.60
85	W. C. Winlock, services.....	208.33	137	Oelrichs & Co., freight.....	7.73
86	Pay roll (one-half January), services.....	450.00	138	W. C. Winlock, services.....	208.33
87	W. H. Houghton & Co., packing boxes.....	378.22	139	Pay roll (one-half April), services.....	455.00
88	Barber & Co., freight.....	16.81	140	Adams Express Co., freight.....	5.55
89	Pay roll (one-half January), services.....	450.00	141	Geo. W. Knox, freight.....	1.20
90	W. C. Winlock, services.....	208.33	142	Oelrichs & Co., freight.....	2.36
91	Wyckoff, Seamans & Benedict, stationery and supplies.....	1.00	143	Pay roll (one-half May), services.....	455.00
92	Oelrichs & Co., freight.....	11.44	144	Barber & Co., freight.....	6.20
			145	Paul F. Gerhard & Co., freight.....	5.00
			146	W. C. Winlock, services.....	208.33
			147	Pay roll (one-half May), services.....	455.00
			148	Wm. Ballantyne & Son, stationery and supplies.....	1.06
			149	Oelrichs & Co., freight.....	2.50
			150	do.....	1.80

Detailed statement of expenditures from appropriation of \$17,000 for international exchanges, Smithsonian Institution, 1891—Continued.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
151	Oelrichs & Co., freight	\$8.81	161	Browning & Middleton, stationery and supplies	\$1.75
152	Wyckoff, Seamans & Benedict, stationery and supplies	1.00	162	T. R. Mitchell, printing and binding .....	.75
153	Barber & Co., freight	6.19	163	Pay roll (one-half June), services	455.00
154	Oelrichs & Co., freight	3.30	164	W. C. Winlock, services	208.33
155	do	3.50	165	Wm. Wesley & Son, services	300.00
156	F. P. May & Co., stationery and supplies	6.06		Total expenditure under the appropriation	17,000.00
157	W. H. Butler, stationery and supplies .....	.85			
158	Pay roll (one-half June), services	455.00			
159	Geo. W. Knox, freight	1.71			
160	Z. D. Gilman, stationery and supplies .....	.75			

NATIONAL MUSEUM.

Preservation of collections, July 1, 1890, to June 30, 1891.

Appropriation by Congress for the fiscal year ending June 30, 1891, "for continuing the preservation, exhibition, and increase of the collections from the surveying and exploring expeditions of the Government, and from other sources, including salaries or compensation of all necessary employes" (sundry civil act, August 30, 1890)..... \$140,000.00

Expenditures.

Salaries or compensation.

DIRECTION.

1 Assistant Secretary of the Smithsonian Institution, in charge of the U. S. National Museum, 12 months, at \$333.33..... \$3,999.96

SCIENTIFIC STAFF,

1 curator, 12 months, at \$200	\$2,400.00
1 curator, 12 months, at \$200	2,400.00
1 curator, 12 months, at \$200	2,400.00
1 curator, 12 months, at \$175	2,100.00
1 curator, 12 months, at \$175	2,100.00
1 curator, 12 months, at \$150	1,800.00
1 curator, 2 months and 14 days, at \$150	370.00
1 curator, 12 months, at \$100	1,200.00
1 acting curator, 9 months, at \$150	1,350.00
1 acting curator, 12 months, at \$125	1,500.00
1 assistant curator, 12 months, at \$133.33	1,599.96
1 assistant curator, 1 month, at \$148.33; 2 months, at \$145.33; 1 month, at \$143.33; 1 month, at \$142.33; 1 month, at \$139.33; 1 month, at \$137.33; 5 months, at \$133.33	1,667.96
1 assistant curator, 3 months, at \$125; 1 month, at \$50	425.00
1 assistant curator, 12 months, at \$100	1,200.00
1 assistant curator, 6 months 25 days, at \$140; 2 months, at \$100	1,152.90
1 assistant, 2 months, at \$150	300.00
1 assistant, 4 months, at \$80	320.00
1 assistant, 5 months, at \$65	325.00
1 aid, 12 months, at \$80	960.00
1 aid, 12 months, at \$80	960.00
1 aid, 12 months, at \$75	900.00
1 aid, 1 month, at \$75	75.00
1 aid, 12 months, at \$65	780.00
1 aid, 1 month, at \$60	60.00
1 aid, 5 months 18 days, at \$60	336.00

1 aid, 7 months 14 days, at \$60.....	\$448.00
1 aid, 2 months, at \$50.....	100.00
1 aid, 2 months 26 days, at \$40.....	113.55
1 aid, 9 months 20 days, at \$40.....	386.67
1 aid, 4 months, at \$40.....	160.00
1 collector, 3 months, at \$200.....	600.00
1 collector, 12 months, at \$100.....	1,200.00
1 collector, 9 months, at \$80.....	720.00
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	32,410.04

CLERICAL STAFF.

1 chief clerk, 12 months, at \$175.....	2,100.00
1 corresponding clerk, 12 months, at \$158.33.....	1,899.96
1 registrar, 12 months, at \$158.33.....	1,899.96
1 disbursing clerk, 12 months, at \$100.....	1,200.00
1 draftsman, 12 months, at \$83.33.....	999.96
1 assistant draftsman, 12 months, at \$40.....	480.00
1 clerk, 10 months, at \$125; 2 months, at \$100.....	1,450.00
1 clerk, 12 months, at \$115.....	1,380.00
1 clerk, 12 months, at \$115.....	1,380.00
1 clerk, 12 months, at \$100.....	1,200.00
1 clerk, 12 months, at \$90.....	1,080.00
1 clerk, 12 months, at \$90.....	1,080.00
1 clerk, 12 months, at \$83.33.....	999.96
1 clerk, 8 months, at \$85; 1 clerk, 4 months, at \$75.....	980.00
1 clerk, 12 months, at \$75.....	900.00
1 clerk, 12 months, at \$70.....	840.00
1 clerk, 11 months 18 days, at \$60.....	696.00
1 clerk, 15 days, at \$60.....	29.03
1 clerk, 12 months, at \$60.....	720.00
1 clerk, 12 months, at \$60.....	720.00
1 clerk, 8 months, at \$55; 1 clerk, 4 months, at \$50.....	640.00
1 clerk, 12 months, at \$55.....	660.00
1 clerk, 11 months and 29 days, at \$55.....	658.17
1 clerk, 12 months, at \$50.....	600.00
1 clerk, 12 months, at \$50.....	600.00
1 stenographer, 10 months 25 days, at \$50.....	540.32
1 typewriter, 12 months, at \$50.....	600.00
1 typewriter, 11 days, at \$60.....	21.29
1 copyist, 10 months, at \$60; 1 copyist, 2 months, at \$40.....	680.00
1 copyist, 12 months, at \$55.....	660.00
1 copyist, 12 months, at \$50.....	600.00
1 copyist, 12 months, at \$50.....	600.00
1 copyist, 12 months, at \$50.....	600.00
1 copyist, 12 months, at \$50.....	600.00
1 copyist, 12 months, at \$45.....	540.00
1 copyist, 12 months, at \$40.....	480.00
1 copyist, 12 months, at \$40.....	480.00
1 copyist, 11 months 16 days, at \$40.....	460.65
1 copyist, 27 days, at \$40.....	33.55
1 copyist, 8 months 2 days, at \$40.....	322.58
1 copyist, 12 months, at \$35.....	420.00
1 copyist, 12 months, at \$35.....	420.00
1 copyist, 1 month 33 days, at \$30.....	62.52
1 copyist, 12 months, at \$30.....	360.00
1 copyist, 12 months, at \$30.....	360.00
1 copyist, 1 month, at \$30.....	30.00
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	34,063.95

PREPARATORS.

1 artist, 12 months, at \$110.....	1,320.00
1 photographer, 12 months, at \$158.33.....	1,899.96
1 taxidermist, 12 months, at \$125.....	1,500.00
1 taxidermist, 12 months, at \$120.....	1,440.00
1 taxidermist, 12 months, at \$80.....	960.00
1 taxidermist, 12 months, at \$60.....	720.00

1 assistant taxidermist, 12 months, at \$60	\$720.00
1 assistant taxidermist, 3 months, at \$40	120.00
1 preparator, 11 months, at \$100	1,100.00
1 preparator, 12 months, at \$80	960.00
1 preparator, 12 months, at \$75	900.00
1 preparator, 12 months, at \$60	720.00
1 preparator, 32 days, at \$50	51.62
1 preparator, 190 days, at \$3	570.00
1 preparator, 15 days, at \$3.20	48.00
1 assistant preparator, 1 month, at \$66; 1 month, at \$59; 1 month, at \$57.50; 1 month, at \$57; 1 month, at \$56.50; 1 month, at \$55.50; 1 month, at \$55; 1 month, at \$52; 1 month, at \$49; 1 month, at \$47.50; 1 month, at \$45; 1 month, at \$44	644.00
	13, 673.58

BUILDINGS AND LABOR.

1 superintendent of buildings, 12 months, at \$137.50	1, 650.00
1 assistant superintendent of buildings, 12 months, at \$90	1, 080.00
1 chief of watch, 12 months, at \$60	720.00
1 chief of watch, 12 months, at \$60	720.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$65	780.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 3 months, at \$50	400.00
1 watchman, 11 months 27 days, at \$50	593.55
1 watchman, 10 months 47 days, at \$45	518.23
1 watchman, 11 months 28 days, at \$45	537.00
1 watchman, 4 months, at \$50; 5 months 90 days, at \$45	555.65
1 watchman, 9 months, at \$40	360.00
1 skilled laborer, 12 months, at \$50	600.00
1 skilled laborer, 7 months, at \$50; 3 months 52 days, at \$40; 10 days, at \$2	208.26
1 skilled laborer, 7 months, at \$50	350.00
1 skilled laborer, 106 days, at \$2	212.00
1 skilled laborer, 5 months, at \$45; 27 days, at \$1.50	265.50
1 skilled laborer, 4 months, at \$45; 2 months, at \$46.50; 1 month, at \$52.50	325.50
1 skilled laborer 52 days, at \$2	104.00
1 skilled laborer, 2 months, at \$45	90.00
1 laborer, 6 months, at \$46; 3 months, at \$47.50; 3 months, at \$43	547.50
1 laborer, 315 days, at \$1.50	472.50
1 laborer, 12 months, at \$45	540.00
1 laborer, 12 months, at \$40	480.00
1 laborer, 11½ days, at \$1.50	17.25
1 laborer, 3 months, at \$44.50; 2 months, at \$46; 3 months, at \$43; 3 months, at \$41.50; 1 month, at \$47.50	526.50
1 laborer, 24 days, at \$1.50	36.00
1 laborer, 2 months, at \$43; 6 months, at \$40; 2 months, at \$41.50	409.00
1 laborer, 10 months, at \$40; 2 months, at \$41.50	483.00
1 laborer, 12 months, at \$40	480.00
1 laborer, 316 days, at \$1.50	474.00
1 laborer, 11 months, at \$40; 1 month, at \$41.50	481.50
1 laborer, 276 days, at \$1.50; 1 month, at \$47.50; 1 month, at \$48	509.50
1 laborer, 6 months, at \$39; 1 month, at \$37.50; 2 months, at \$40.50; 2 months, at \$36; 1 month, at \$43.50	468.00
1 laborer, 316 days, at \$1.50	474.00
1 laborer, 9 months, at \$40; 3 months, at \$41.50	484.50
1 laborer, 11 months 16 days, at \$40	460.64
1 laborer, 323 day, at \$1.50	484.50

EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

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1 laborer, 8 months, at \$40; 2 months, at \$41.50; 1 month, at \$38.39	401.39
1 laborer, 261 days, at \$1.50	391.50
1 laborer, 27 days, at \$1.50	40.50
1 laborer, 20½ days, at \$1.50	31.13
1 laborer, 4 days, at \$1.50	6.00
1 laborer, 4 days, at \$1.50	6.00
1 laborer, 4 days, at \$1.50	6.00
1 laborer, 4 days, at \$1.50	6.00
1 laborer, 3 days, at \$1.50	4.50
1 attendant, 12 months, at \$40	480.00
1 attendant, 12 months, at \$40	480.00
1 cleaner, 12 months, at \$30	360.00
1 cleaner, 12 months, at \$30	360.00
1 cleaner, 12 months, at \$30	360.00
1 cleaner, 12 months, at \$30	360.00
1 cleaner, 313 days, at \$1	313.00
1 cleaner, 300 days, at \$1	300.00
1 messenger, 4 months at \$25, 8 months at \$35	380.00
1 messenger, 1 month 36 days, at \$20	43.65
1 messenger, 12 months, at \$45	540.00
1 messenger, 12 months, at \$25	300.00
1 messenger, 12 months, at \$25	300.00
1 messenger, 3 months 20 days, at \$20	72.90
1 messenger, 12 months, at \$35	420.00
1 messenger, 12 months, at \$45	540.00
1 messenger, 4 months, at \$20, 7 months 30½ days, at \$30	319.52
1 messenger, 64 days, at \$20	41.70
1 messenger, 8 months 10 days, at \$25	208.06
1 messenger, 8 months, at \$20	160.00
1 messenger, 14 days, at \$20	9.03
1 messenger, 79 days, at \$1.25	98.75
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	31,837.91
Special services by job or contract	1,315.28
Total services	<hr/> 117,300.52

SUMMARY.

Preservation of collections, 1801.

Salaries:	
Direction	\$3,999.96
Scientific staff	32,410.04
Clerical staff	34,063.95
Preparators	13,673.58
Buildings and labor	31,837.71
Special or contract work	1,315.28
Total salaries or compensation	<hr/> 117,300.52
Miscellaneous:	
Supplies	3,052.32
Stationery	1,653.02
Specimens	6,211.40
Books and periodicals	825.40
Travel	1,114.78
Freight and cartage	1,862.57
	<hr/> 14,719.49
Total expenditure to June 30, 1891, for preservation of collections, 1891	<hr/> 132,020.01
Balance July 1, 1891, to meet outstanding liabilities	<hr/> 7,979.59

Preservation, 1891.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	A. J. Standing, specimens	\$47. 50	77	G. B. Goode, services	\$333. 78
2	Robt. J. Leary, services	21. 29	78	W. J. Linton, books, etc	100. 00
3	J. W. Hendley, specimens	52. 00	79	Mutual District Messenger Co., services (special)	8. 10
4	Spencer Hilton, services	9. 03	80	J. W. Hendley, specimens	16. 00
5	Pay roll for July, 1890, services	8, 988. 95	81	A. H. Baldwin, specimens	10. 00
6	Jos. Mace, freight	75. 00	82	Wash. Nailor, services (special)	5. 25
7	G. B. Goode, services	333. 33	83	Columbia Railroad Co., supplies	10. 50
8	Fred. Keppel & Co., specimens	25. 00	84	Kending & Landvoigt, stationery	23. 60
9	Theo. A. Mills, specimens	10. 00	85	S. R. Koehler, services	100. 00
10	J. W. Hendley, specimens	10. 00	86	Geo. W. Stone, jr., supplies	10. 00
11	Alex. Fulmore, services	4. 50	87	Shanahan, Reilly & Co., supplies	5. 28
12	C. H. Ourand, services (special)	11. 54	88	Newman & Son, stationery	11. 50
13	S. R. Koehler, services	100. 00	89	M. A. Tappan, services (special)	1. 00
14	W. F. Brosnan, freight	2. 60	90	Mutual District Messenger Co., services (special)	5. 80
15	Smith & Caldwell, services (spe- cial)	6. 00	91	W. B. Moses & Sons, supplies	3. 42
16	Mason A. Shufeldt, specimens	30. 00	92	Asa L. Shipman's Sons, stationery	5. 40
17	Wyckoff, Seamans & Benedict, services (special)	50	93	John B. Smith, specimens	1. 25
18	Heli Chatelain, specimens	82. 05	94	Leggat Bros., books	1. 75
19	John Durand, services	100. 00	95	Thos. H. Jackson, specimens	18. 00
20	C. F. Nassau, services	30. 65	96	Wm. H. Wiley, books	2. 00
21	Fauth & Co., services (special)	4. 23	97	L. B. Merrill, specimens	20. 00
22	Field & Armstrong, specimens	9. 25	98	C. F. Adams, specimens	50. 00
23	United States Express Co., freight	8. 05	99	Ang. P. Ready, specimens	526. 85
24	Adams Express Co., freight	22. 50	100	Wm. Wesley & Son, specimens	48. 00
25	Jos. Mace, freight	75. 00	101	Hugh Fulton, specimens	25. 40
26	G. B. Goode, services	333. 33	102	W. I. Bishop, specimens	12. 00
27	Daniel Harris, services	6. 00	103	Jno. M. Barrett, services	18. 00
28	Richard Lyles, services	6. 00	104	Gerard Fowke, specimens	30. 00
29	J. R. Stuart, services	6. 00	105	L. A. Hines, services	13. 55
30	Wm. Lucas, services	6. 00	106	G. B. Goode, travel	19. 25
31	J. W. Hendley, specimens	79. 00	107	Columbia Phonograph Co. sup- plies, \$1.60; special services, \$60.	61. 60
32	S. R. Koehler, services	100. 00	108	Th. Holm, services	26. 67
33	C. F. Adams, specimens	74. 75	109	L. B. Gallaher, services	4. 00
34	John Durand, services	100. 00	110	J. F. Manning, services (special)	3. 00
35	Pay roll for August, 1890, services	9, 022. 10	111	Jno. B. Smith, books	17. 00
36	H. Shuglo, First Japanese Trad- ing Co., specimens	313. 50	112	Ira Godfrey, services (special)	5. 71
37	Henderson Bros., freight	5. 54	113	F. D. Foster, specimens	8. 00
38	G. W. Knox, freight	27. 03	114	W. D. Doremus, services (special)	30
39	Hygienic Ice Co., supplies	49. 57	115	C. E. Hunt, services (special)	2. 75
40	L. A. Hines, services	6. 67	116	Mut. Dist. Mess. Co., services (special)	4. 25
41	Theo. A. Mills, specimens	125. 00	117	Hygienic Ice Co., supplies	41. 68
42	O. T. Mason, travel	56. 60	118	J. W. Hendley, specimens	32. 00
43	L. M. Cornwall, supplies	1. 67	119	M. G. Copeland & Co., supplies	43. 00
44	J. W. Hendley, specimens	72. 00	120	G. B. Goode, services	333. 33
45	W. R. Herbert, stationery	15. 75	121	John Durand, services	100. 00
46	C. E. Swett, freight, etc	2. 80	122	B. A. Bean, travel	9. 50
47	A. P. McElroy, supplies	2. 05	123	Jos. Mace, freight	75. 00
48	Easton & Rupp, stationery	13. 41	124	Pay roll for October, '90, services	8, 930. 96
49	Ira Godfrey, services (special)	11. 80	125	S. R. Koehler, services	100. 00
50	F. P. May & Co., supplies	5. 07	126	Whitall, Tatam & Co., supplies	23. 68
51	J. C. Parker, stationery	1. 00	127	John Akhurst, supplies	6. 25
52	Adams Express Co., freight	13. 35	128	The Eastman Co., services (special)	7. 51
53	Hygienic Ice Co., supplies	51. 26	129	Lindsay & Farley, freight	3. 00
54	Capital Printing Co., stationery	15. 75	130	Little, Brown & Co., books, etc	4. 00
55	A. K. Williams, books, etc	4. 50	131	C. Dordinger & Sons, supplies	77. 85
56	J. J. Crooke & Co., supplies	17. 50	132	S. Springmann, freight	2. 19
57	H. Romeike, books, etc	6. 45	133	C. K. Worthen, specimens	63. 85
58	Geo. Ryneal jr., supplies	24. 70	134	S. R. Roberts, books, etc	10. 00
59	Mrs. Selma Ruppert, specimens	1. 48	135	Adams Express Co., freight	34. 80
60	R. A. Robbins, stationery	11. 00	136	Alaska Commercial Co., speci- mens	50. 00
61	Seaton Perry, supplies	12. 44	137	Wm. Palmer, travel	38. 05
62	G. W. Knox, freight	8. 32	138	J. E. Watkins, travel	17. 80
63	United States Express Co., freight	18. 50	139	J. G. & J. M. Waters, supplies	5. 10
64	M. M. Michael, supplies	18. 85	140	United States Express Co., freight	17. 65
65	A. E. Foote, books, etc	7. 50	141	J. W. Hendley, specimens	44. 00
66	J. Frank Eline, supplies	9. 00	142	A. H. Baldwin, specimens	7. 50
67	Eimer & Amend, supplies	8. 32	143	Geo. L. English & Co., specimens	105. 30
68	C. W. Farrar, supplies	9. 00	144	C. H. Ourand, services (special)	18. 25
69	J. T. Lockwood, services (special)	16. 50	145	Jno. C. Parker, supplies	4. 80
70	Wyckoff, Seamans & Benedict, stationery	172. 50	146	Eimer & Amend, supplies	96. 79
71	S. Adams, services	30. 00	147	C. C. Pursell, books, etc	8. 10
72	Jos. Mace, freight	75. 00	148	Woodward & Lothrop, stationery, \$14.28; supplies, \$1	15. 28
73	John Durand, services	100. 00	149	J. L. Barbour & Son, supplies	94. 34
74	Pay roll for September, 1890, serv- ices	8, 786. 81	150	Geo. Watts & Son, supplies	16. 30
75	S. P. Langley, travel	211. 74	151	Wm. Ballantyne & Son, stationery	207. 22
76	R. Hitchcock, services	70. 00			

Preservation, 1891—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
152	Wm. H. Butler, supplies	\$29.50	224	M. Joyce, services (special)	\$12.00
153	Z. D. Gilman, supplies	37.89	225	A. Howard Clark, travel	10.35
154	H. Wunderlich & Co., specimens	12.50	226	J. W. Hendley, specimens	80.00
155	Ferd. Meder, specimens	82.25	227	F. von Iterson, services (special)	50.00
156	Chas. Fischer, supplies	4.50	228	W. Ballantyne & Son, stationery	95.60
157	Geo. Ryeal, jr., supplies	76.15	229	Thos. Wilson, travel	65.18
158	Jos. W. Walker, supplies	29.08	230	L. M. Cornwall, supplies	1.72
159	T. Dix Bolles, specimens	68.60	231	W. Bartholomae, supplies	1.50
160	Demuth Bros., supplies	5.97	232	Adams Express Co., freight	33.65
161	Geo. W. Knox, freight	75.00	233	India Inkali Works, supplies	21.19
162	Johns Hopkins University, specimens	7.00	234	F. A. Schmidt, stationery	5.40
163	Keen & Hagerty, freight, \$3.40; services (special), \$33.85; supplies, \$2.50	39.75	235	Thos. Herran, specimens	103.62
164	F. Von Iterson, services (special)	50.00	236	North American Commercial Co., supplies, \$10.45; travel, \$155.00	165.65
165	Wm. M. Dougal, specimens	5.00	237	Mutual District Messenger Co., services (special)	6.80
166	C. R. Orcutt, specimens	12.90	238	E. Morrison, supplies, \$11.75; stationery, \$58.75	70.50
167	Fred. A. Schmidt, supplies	4.16	239	L. H. Schneider's Son, supplies	2.05
168	L. H. Schneider's Son, supplies	.90	240	New York Photogravure Co., specimens	50.00
169	J. W. Hendley, specimens	76.00	241	J. L. Barbour & Son, supplies	10.70
170	B. Mooney, services (special)	22.00	242	J. D. Smillie, specimens	35.00
171	Jno. Durand, services	100.00	243	F. P. May & Co., supplies	3.95
172	G. B. Goode, services	333.33	244	Z. D. Gilman, supplies	37.56
173	Jos. Mace, freight	75.00	245	G. W. Knox, freight	26.37
174	M. Ella Morgan, services (special)	3.50	246	Wyckoff, Seamans & Benedict, services (special)	1.00
175	Hygienic Ice Co., supplies	35.83	247	Leggat Bros., specimens	7.50
176	John F. Sidey, specimens	50.00	248	J. Lee Lockwood, services (special)	34.25
177	Leggat Bros., books	10.70	249	Sears & Swift, supplies	1.95
178	Pay roll for November, 1890 (services)	9,188.31	250	S. R. Koehler, services	100.00
179	O. T. Mason, travel	22.75	251	G. B. Goode, services	333.33
180	W. R. Herbert, stationery	16.00	252	John Durand, services	100.00
181	L. M. Cornwall, supplies	3.44	253	Jos. Mace, freight	75.00
182	M. A. Tappan, supplies	18.75	254	Pay roll for December, 1890 (services)	9,183.26
183	F. A. Schneider, supplies	10.00	255	V. S. Fletcher, specimens	155.00
184	Brentanos, books	3.00	256	J. W. Hendley, specimens	80.00
185	N. V. Randolph & Co., supplies	25.92	257	W. Wesley & Son, books, \$64.33; freight, \$1.49	65.82
186	J. W. Hendley, specimens	80.00	258	W. Wesley & Son, books	16.90
187	Geo. Ryeal, jr., supplies	27.71	259	P. L. Jouy, travel	47.00
188	A. L. Saltzstein, supplies	5.00	260	Wm. T. Rice, specimens	48.87
189	J. F. Paret, stationery	4.45	261	United States Express Co., freight	8.50
190	Easton & Rupp, supplies	21.50	262	John G. Webb, specimens	4.00
191	S. R. Koehler, services	100.00	263	Stephenson's Express, freight	5.42
192	C. Fischer, supplies	5.60	264	Hyman Bros., supplies	.45
193	G. W. Knox, freight	60.87	265	W. H. Morrison, supplies	.75
194	J. H. Mills & Co., supplies, \$11.90; special services, \$12.50	24.40	266	C. L. Hurlbut, services	2.58
195	Eimer & Amend, supplies	25.88	267	W. E. Safford, specimens	57.00
196	Westerman & Co., books	4.54	268	Aluminum Bronze and Brass Co., supplies	.98
197	Whitall, Tatam & Co., supplies	55.80	269	P. B. Pierce, books	3.00
198	Mutual District Messenger Co., services (special)	8.55	270	S. Raymond Roberts, books	10.00
199	M. McMichael, stationery	19.50	271	L. H. McIntosh, specimens	10.00
200	H. Shugio (First Jap. Trading Co., specimens	270.00	272	R. C. M. Burton, supplies	1.60
201	Ira Godfrey, services (special)	6.46	273	Wyckoff, Seamans & Benedict, stationery	114.50
202	A. P. McElroy, supplies	1.68	274	Truslow & Co., supplies	19.00
203	A. Nattans, supplies	1.60	275	Edw. F. Droop, specimens	.50
204	Adams Express Company, freight	20.45	276	Jno. F. Ellis & Co., specimens	10.00
205	J. H. McGill, supplies	6.40	277	J. B. Hatcher, services	150.00
206	T. H. McAllister, supplies	6.53	278	W. R. Herbert, stationery	31.50
207	Wyckoff, Seamans & Benedict, stationery, \$23.65; special services, \$6.75	30.40	279	J. W. Hendley, specimens	80.00
208	United States Express Co., freight	17.00	280	E. G. Wheeler, supplies	.82
209	E. Morrison, stationery	246.35	281	Forsberg & Murray, supplies	5.00
210	Lansburgh & Bro., supplies	46.20	282	Easton & Rupp, stationery	23.99
211	M. W. Beveridge, supplies	14.90	283	E. J. Pullman, supplies	97.85
212	N. T. Purcell, specimens	150.00	284	Woodward & Lothrop, supplies, \$32.24; stationery, \$35.38	67.62
213	C. L. Condit, books	10.00	285	Henry Romeike, books	5.10
214	Brentanos, stationery	5.00	286	Walter Hough, specimens	1.50
215	Demuth Bros., supplies	4.20	287	M. J. Geare, service (special)	60.00
216	Hygienic Ice Co., supplies	28.78	288	Julius Neuman, specimens	53.39
217	Library Bureau, supplies	4.32	289	F. W. True, travel	38.00
218	Talcott Williams, specimens	275.00	290	M. Steinert & Sons, freight	92.00
219	E. W. Bragg, supplies	18.00	291	Scheller & Stevens, supplies	.40
220	Foreign Express Co., freight	1.50	292	Henry A. Ward, specimens	6.50
221	W. P. Farrar, supplies	9.00	293	The Eastman Co., supplies	65.00
222	Wm. Wagner, supplies	11.05			
223	M. Sultzberger, specimens	97.98			

Preservation, 1891—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
294	F. Peterson, supplies	\$0.87	364c	Union Pacific R. R., travel	\$40.00
295	Hygienic Ice Co., supplies	26.03	364d	Pennsylvania R. R. Co., travel	10.00
296	Robt. Main, supplies	3.50	365	Louis Engel, specimens	125.00
297	Jos. Mace, freight	75.00	366	United States Express Co., freight	22.15
298	Pay roll for January, 1891, services	9,165.28	367	H. Gibb, services	80.00
299	J. B. Hatcher, services	150.00	368	O. A. Peterson, services	130.00
300	G. B. Goode, services	333.33	369	G. W. Knox, freight	44.39
301	John Durand, services	100.00	370	Wm. G. Smith, specimens	27.00
302	Z. D. Gilman, supplies	53.85	371	W. H. Brown, services	600.00
303	E. L. Brady, specimen	1.00	372	Jas. G. Scott, freight	7.12
304	Ira Godfrey, services (special)	5.08	373	G. W. Knox, freight	7.47
305	E. Morrison, stationery	4.50	374	J. F. Eline, supplies	11.06
306	Geo. Ryneal, jr., supplies	35.62	375	Heli Chatelain, specimens	4.00
307	M. W. Beveridge, supplies	11.00	376	S. Springman, freight	4.06
308	P. L. Jouy, travel	35.10	377	Hygienic Ice Co., supplies	20.62
309	do	35.10	378	Newman & Son, stationery	2.00
310	S. R. Koehler, services	100.00	379	Wyckoff, Seamans & Benedict, supplies, 30 cents; stationery, \$94	94.30
311	C. C. Purcell, books	13.43	380	Adams Express Co., freight	25.05
312	Alaska Commercial Co., specimens, \$13.35; special services, \$1; cartage and freight, \$3	17.35	381	Easton & Rupp, supplies, \$9.50; stationery, \$4.40	13.90
313	C. D. Nims, specimens	20.00	382	Judd & Detweiler, stationery	14.00
314	C. Adler, specimens	30.88	383	Dennison Manufacturing Co., supplies	138.22
315	M. M. Michael, stationery	39.00	384	Lewis Engel, specimens	251.00
316	J. W. Hendley, specimens	80.00	385	R. McCormick, services (special)	10.00
317	Church & Stephenson, supplies	1.50	386	L. M. Cornwall, supplies	1.72
318	L. M. Cornwall, supplies	1.72	387	A. H. Baldwin, services (special)	65.00
319	W. A. Boyd, books	15.00	388	Chas. K. Worthen, specimens	9.00
320	M. W. Beveridge, supplies	5.70	389	Geo. Ryneal, jr., supplies	22.67
321	M. Ella Morgan, services (special)	7.00	390	F. W. Christner, books	2.70
322	Robt. Boyd, supplies	2.40	391	J. Veihmeyer & Son, supplies	1.15
323	Adams Express Co., freight	41.74	392	Jno. P. Peters, specimens	145.76
324	E. J. Pullman, supplies	21.50	393	Adams Express Co., freight	17.75
325	H. Harkness, supplies	.75	394	M. G. Copeland & Co., supplies	22.00
326	J. H. McGill, supplies	1.50	395	People's Dispatch and Transfer Co., freight	6.75
327	Kendig & Landvoigt, supplies	10.00	396	B. Westermann & Co., books	.66
328	Inland and Seaboard Coasting Co., freight	7.68	397	G. W. Knox, freight	8.07
329	W. Wesley & Son, books	19.80	398	The Eastman Co., supplies	243.00
330	F. A. Brockhaus, books	13.79	399	A. C. Peirce, specimens	1.00
331	F. von Iterson, services (special)	90.00	400	C. F. Adams, specimens	300.00
332	V. Mindeleff, services (special)	30.00	401	W. V. Cox, travel	7.30
333	Z. D. Gilman, supplies	6.03	402	D. T. Kidder & Co., supplies	30.00
334	G. Ryneal, jr., stationery, 50 cents; supplies, \$15	15.50	403	Columbia Phon. Co., special services, \$68.50; supplies, \$34	102.50
335	Columbia Railway Co., supplies	10.50	404	Wash. Nailor, services (special)	10.25
336	Wm. Ballantyne & Sons, stationery	6.95	405	Chas. K. Worthen, specimens	8.52
337	Ferd. Meder, specimens	55.00	406	New York Engraving and Printing Co., specimens	75.00
338	Geo. S. Donn, supplies	4.80	407	J. W. Hendley, specimens	80.00
339	People's Dispatch & Transfer Co., freight	2.36	408	Jos. Mace, freight	75.00
340	J. W. Hendley, specimens	80.00	409	Jno. Durand, services	100.00
341	J. L. Barbour & Son, supplies	96.45	410	G. Brown Goode, services	333.33
342	H. M. Smith, specimens	1.00	411	S. R. Koehler, services	100.00
343	Heli Chatelain, specimens	10.00	412	H. A. Ward, specimens	18.75
344	S. F. Ware, supplies	2.50	413a	Pay roll for March, 1891, services	9,123.31
345	F. A. Schmidt, stationery	2.66		Richmond and Danville R. R. Co., travel	67.40
346	Gedney & Roberts, stationery	5.17	414	O. A. Peterson, services	65.00
347	Wm. H. Butler, supplies	.75	415	H. Gibb, services	80.00
348	C. C. Purcell, books	9.25	416	N. R. Wood, travel	16.75
349	Z. D. Gilman, supplies	9.85	417	W. Ballantyne & Sons, stationery	15.39
350	H. Baumgarten, stationery	23.15	418	M. W. Beveridge, supplies	10.97
351	L. M. Cornwall, supplies	1.72	419	Easton & Rupp, supplies	28.00
352	F. A. Seely, specimens	55.66	420	J. Frank Eline, supplies	4.84
353	A. L. Shipman's Sons, stationery	5.40	421	Z. D. Gilman, supplies	17.60
354	M. M. Michael, stationery	22.10	422	Gloucester Net and Twine Co., supplies	7.16
355	Prosch Manufacturing Co., services (special)	1.00	423	Ira Godfrey, services (special)	17.96
356	Geo. Ryneal, jr., supplies	2.60	424	H. Hoffa, supplies	1.25
357	Jno. Durand, services	100.00	425	Library Bureau, stationery, \$8.80; supplies, \$7	15.80
358	Jos. Mace, freight	75.00	426	Mutual District Messenger Co., services (special)	10.30
359	G. B. Goode, services	333.33	427	Philadelphia Bureau of Press Clippings, books	13.85
360	R. Hitchcock, supplies	16.00	428	Sadler Publishing Co., books	4.00
361	Pay roll for Feb., 1891, services	9,016.81	429	F. A. Schmidt, stationery	14.24
362	Hygienic Ice Co., supplies	24.13	430	T. C. Schneider, supplies	10.00
363	S. R. Koehler, services	100.00			
364	A. C. Baker, specimens	16.65			
364a	Pennsylvania R. R. Co., travel	17.50			
364b	Chicago, Burlington and Quincy R. R., travel	12.50			

EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

11

Preservation, 1891—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
431	United States Express Co., freight	\$3. 10	498	Pay-roll for May, 1891, services	\$8, 782. 20
432	Geo. Watts & Son, supplies	4. 50	499	Columbia Phonograph Co., special	105. 00
433	Alice M. Clark, services (special)	43. 00	500	services, \$92. 10; supplies, \$12. 90	10. 00
434	F. A. Brockhaus, books	185. 16	501	J. C. McConnell, services (special)	10. 00
435	Hugh Fulton, supplies	29. 33	501	People's Dispatch and Transfer	
436	P. L. Jony, travel	34. 43		Co., freight	1. 26
437	Ira Godfrey, service (special)	6. 71	502	U. S. Express Co., freight	9. 30
438	Geo. W. Knox, freight	17. 08	503	Adams Express Co., freight	36. 20
439	Adams Express Co., freight	19. 50	504	E. W. Ellsworth, supplies	9. 48
440	W. Nailor Cab Co., service (special)	11. 25	505	G. W. Knox, freight	6. 28
441	United States Express Co., freight	33. 05	506	W. E. Scollick, services (special)	35. 00
442	J. Lee Lockwood, service (special)	28. 50	507	G. B. Goode, travel	23. 25
443	J. W. Hendley, specimens	80. 00	508	Philadelphia Bureau Press Clippings, books, etc.	17. 80
444	Hygienic Ice Co., supplies	23. 11	509	S. R. Koehler, services	100. 00
445	Boulton, Bliss & Dallott, freight	4. 12	510	Geo. W. Dant, services (special)	100. 00
446	Westerman & Co., books	4. 22	511	Chas. L. Condit, books	10. 00
447	S. R. Goode, services	333. 33	512	W. P. Jenney, specimens	50. 00
448	S. R. Koehler, services	100. 00	513	William Warner, specimens	3. 00
449	Jno. Durand, services	100. 00	514	Rand, McNally & Co., books	8. 00
450	Jos. Mace, freight	75. 00	515	Canfield & Thompson, freight	67. 00
451	Pay roll for April, 1891, services	8, 896. 31	516	J. W. Hendley, specimens	80. 00
452	W. B. Murdoch, specimens	5. 00	517	O. A. Peterson, services	65. 00
453	L. M. Cornwall, supplies	1. 72	518	H. Gibb, services	80. 00
454	Mutual District Messenger Co., services (special)	4. 00	519	S. F. Ware, supplies	1. 50
455	do	3. 25	520	William Wagner, supplies	3. 50
456	Geo. Ryneal, jr., supplies, \$6. 80; stationery, \$1. 80	8. 10	521	Carter's, supplies	. 60
457	J. L. Barbour & Son, supplies	4. 48	522	J. F. Eline, supplies	10. 98
458	G. E. Williams, services (special)	1. 25	523	W. Ballantyne & Sons, stationery	145. 73
459	J. G. & J. M. Waters, supplies	1. 75	524	Alb. Dechard, supplies	11. 25
460	Ferd. Meder, specimens	75. 00	525	M. Lindsay, supplies	8. 52
461	J. Frank Eline, supplies	5. 40	526	Smith & Wardwell, supplies	3. 03
462	Z. D. Gilman, supplies	21. 08	527	Mutual District Messenger Co., services (special)	3. 50
463	W. E. Trall, specimens	25. 00	528	J. C. Parker, supplies	. 30
464	P. L. Jony, travel	64. 08	529	Chas. Fischer, supplies	. 75
465	O. A. Patterson, services	65. 00	530	Ferd. Keller, specimens	171. 60
466	H. Gibb, services	80. 00	531	Thos. Birch's Sons, specimens	47. 50
467	F. A. Lucas, specimens	15. 00	532	N. V. Randolph & Co., supplies	17. 00
468	J. W. Hendley, specimens	80. 00	533	E. Baumgarten, supplies	20. 00
469	W. W. Hart & Co., specimens	27. 50	534	H. J. Pulman, supplies	50. 38
470	Ira Godfrey, services (special)	6. 09	535	Hygienic Ice Co., supplies	34. 95
471	Carter, Macy & Co., freight	14. 57	536	Whte, Corbin & Co., stationery	23. 00
472	H. H. & C. S. Brimley, specimens	3. 50	537	C. K. Worthen, specimens	15. 50
473	Wm. Wesley & Son, books	151. 99	538	Lambert Bros., specimens	2. 00
474	Woodward & Lothrop, supplies, \$18; stationery, \$25. 92	43. 92	539	J. Baumgarten & Son, stationery	1. 00
475	P. L. Jony, travel	60. 15	540	Wyckoff, Seamans & Benedict, supplies, \$3; special services, \$3. 50	6. 50
476	F. von Herson, services (special)	55. 00	541	Wyckoff, Seamans & Benedict, supplies, 1.60; special services, \$3	4. 60
477	Geo. Ryneal, jr., supplies	11. 10	542	Ira Godfrey, services (special)	5. 44
478	Wyckoff, Seamans & Benedict, stationery, \$13. 50; service (special), 50 cents	14. 00	543	W. Ballantyne & Sons, stationery	8. 92
479	G. L. Wild & Bro., specimens	25. 00	544	R. Weber, services (special)	41. 00
480	C. C. Pursell, books	4. 21	545	Adams Express Co., freight	37. 80
481	J. Underwood & Co., supplies	1. 00	546	G. W. Knox, freight	58. 98
482	E. J. Lewis, supplies	1. 35	547	Shanahan, Reilly & Co., supplies	13. 50
483	Mutual District Messenger Co., services (special)	7. 45	548	Z. D. Gilman, supplies	107. 19
484	B. Westerman & Co., books	. 66	549	J. H. Mills & Co., supplies, \$7; special services, \$3	15. 00
485	Hygienic Ice Co., supplies	29. 10	550	S. Springmann, freight	2. 56
486	C. K. Worthen, specimens	17. 20	551	Geo. Ryneal, jr., supplies	19. 22
487	S. Raymond Roberts, books	10. 00	552	U. S. Express Co., freight	16. 45
488	Demuth Bros., supplies	1. 05	553	Philadelphia Bureau Press Clippings, books, etc.	10. 15
489	J. R. Nisley, specimens	20. 00	554	Library Bureau, books, etc.	5. 00
490	Keegan, Paril, Trench, Trubner & Co., books	7. 43	555	Heli Chatelain, services (special)	17. 50
491	F. A. Brockhaus, books	29. 43	556	W. E. Scollick, services (special)	35. 00
492	Edw. Lovett, specimens	25. 49	557	Jos. Mace, freight	75. 00
493	Walton & Co., specimens	3. 75	558	G. B. Goode, services	333. 33
494	John Durand, services	100. 00	559	Pay roll for June, 1891, services	8, 704. 94
495	Church & Stephenson, supplies	4. 00	560	S. R. Koehler, services	100. 00
496	G. B. Goode, services	333. 33	561	John Durand, services	100. 00
497	Jos. Mace, freight	75. 00			
Total					132, 020. 01
Balance July 1, 1891					7, 979. 99

Furniture and fixtures, July 1, 1890, to June 30, 1891.

Appropriation by Congress for the fiscal year ending June 30, 1891, "for cases, furniture, fixtures, and appliances required for the exhibition and safe-keeping of the collections of the National Museum, including salaries or compensation of all necessary employés" (sundry civil act, August 30, 1890)

\$25,000.00

Expenditures.

Salaries or compensation:

1 engineer of property, 6 months, at \$175; 6 months, at \$150	\$1,950.00
1 clerk, 12 months, at \$75	900.00
1 copyist, 8 months, at \$60; 4 months, at \$55	700.00
1 cabinet-maker, 299 days, at \$3	897.00
1 carpenter, 1 month, 10 days, at \$91	120.35
1 carpenter, 313 days, at \$3	939.00
1 carpenter, 313 days, at \$3	939.00
1 carpenter, 313 days, at \$3	939.00
1 carpenter, 307½ days, at \$3	923.25
1 carpenter, 156½ days, at \$3	469.50
1 carpenter, 183½ days, at \$3	550.50
1 carpenter, 70½ days, at \$3	211.50
1 carpenter, 28 days, at \$3	84.00
1 carpenter, 19 days, at \$3	57.00
1 carpenter, 36 days, at \$3	108.00
1 painter, 12 months, at \$65	780.00
1 skilled laborer, 313 days, at \$2	626.00
1 skilled laborer, 256½ days, at \$2	513.00
1 skilled laborer, 209½ days, at \$2	418.50
1 skilled laborer, 4 months, at \$50	200.00
1 skilled laborer, 5 months, at \$50	250.00
1 skilled laborer, 3 months, at \$45; 1 month, at \$46.50; 1 month, at \$49.50	231.00
1 skilled laborer, 8 months, at \$45; 1 month, at \$48; 1 month, at \$46.50	454.50
1 laborer, 2 months, at \$40	80.00
1 laborer, 2 months, at \$40	80.00
1 laborer, 3 months, at \$45; 81 days, at \$1.50	266.50
1 laborer, 302 days, at \$1.75	528.50
Special or contract service	19.00

Total expenditure for salaries or compensation 14,212.52

Miscellaneous, materials, etc.:

Exhibition cases	\$1,295.00
Designs and drawings for cases	36.00
Drawers, trays, boxes	448.08
Frames, stands, etc	330.52
Glass	954.56
Hardware and fittings for cases	707.13
Tools	73.67
Cloth, cotton, etc	108.03
Glass jars	61.92
Lumber	1,364.05
Paints, oils, and brushes	565.40
Office furniture	588.22
Tin, lead, and metals	268.48
Rubber goods	105.04
Iron brackets	87.10
Apparatus	84.50
Traveling expenses	5.00
Plumbing	14.24

7,096.94

Total expenditure, July 1, 1890, to June 30, 1891, for furniture and fixtures, 1891

21,309.46

Balance July 1, 1891, to meet outstanding liabilities

3,690.54

Furniture and fixtures, 1891.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	L. H. Bayne, services.....	\$22.50	61	E. G. Wheeler, hardware, \$29.03;	
2	Pay roll for July, 1890, services...	1,400.25		tin, lead, etc., \$1.47.....	\$30.50
3	R. L. Reed, services.....	29.35	62	F. Miller, paints, oils, etc.....	35.00
4	J. E. Watkins, travel.....	3.00	63	Smith & Wardwell, office furni-	
5	Pay roll for August, 1890, servi-	1,293.17		ture.....	.98
6	A. M. Cronk, hardware, etc.....	1.50	64	Wm. H. Butler, paints, oils, etc.,	
7	Shanahan, Reilly & Co., paints,			\$76.90; glass, \$68.34.....	145.24
8	oils, etc.....	14.00	65	F. P. May & Co., hardware, \$2.25;	
9	T. Sommerville & Sons, apparatus.	16.50		paints, oils, etc., \$14.16; tools, 75	
10	C. Becker, paints, oils, etc.....	5.88		cents.....	17.16
11	M. G. Copeland & Co., office furni-		66	Woodward & Lothrop, cloth, etc.....	73.96
	ture.....	18.00	67	C. H. Ourand, drawings for cases.	6.00
12	Pitney & Shannon, hardware, etc.	13.00	68	M. Lindsay, rubber goods.....	47.23
	F. W. Devoe & Co., paints, oils,		69	Pay roll for January, 1891, servi-	
	etc.....	123.75		ces.....	1,112.25
13	Pay roll for September, 1890, servi-		70	J. O. Akers, frames, stands, etc.	79.50
	ces.....	1,253.75	71	Robt. Boyd, tin, lead, etc., \$6.50;	
14	Gus. Haase, exhibition cases.....	17.00		hardware, \$2.70.....	9.20
15	Thos. W. Smith, lumber.....	257.64	72	L. H. Schneider's Son, hardware.	4.50
16	E. E. Jackson, exhibition cases.....	15.00	73	Hanson-Hiss Manufacturing Co.,	
17	P. H. Hiss Manufacturing Co.,			exhibition cases.....	994.50
	office furniture.....	30.00	74	Pitney & Shannon, hardware,	
18	W. B. Moses & Sons, hardware.....	4.00		\$4.42; tools, \$2.05.....	6.47
19	Turner Jenkins, services (special)	1.00	75	E. G. Wheeler, apparatus.....	8.50
	Holbrook Brothers, glass.....	40.00	76	A. A. Lawrence, office furniture.....	1.70
20	Pay roll for October, 1890, services.	1,120.25	77	Pitney & Shannon, hardware,	
21	E. G. Wheeler, hardware.....	18.83		\$21.03; tools, \$1.10.....	22.13
22	Belt & Dyer, frames, stands, etc.....	2.72	78	Seaton Perry, cloth, etc.....	2.82
23	W. D. Doremus, hardware.....	5.00	79	Robt. Boyd, hardware.....	5.00
24	Wm. Fischer, hardware.....	35.25	80	J. Lansburgh, office furniture.....	40.00
25	Smith & Wardwell, office furniture	1.96	81	W. B. Moses & Sons, office furni-	
26	Chas. H. Ourand, designs for cases	30.00		ture.....	3.00
27	J. B. Shannon & Sons, hardware.....	45.75	82	J. Frank Eline, apparatus.....	45.00
28	F. B. May & Co., paints, \$5.16;		83	E. T. Jenks, hardware.....	4.25
	tools, \$1.65; hardware, \$17.20.....	24.01	84	J. B. Lambie, tools.....	2.50
29	Woodward & Lothrop, cloth, etc.....	27.25	85	R. Leitch & Sons, hardware.....	4.54
30	Wm. H. Butler, paints, etc.....	59.65	86	Whitall, Tatum & Co, glass jars.....	45.88
31	Melville Lindsay, rubber goods.....	57.76	87	L. H. Schneider's Son, hardware,	
32	W. B. Moses & Sons, office furni-			\$12.24; tools, \$1.....	13.24
	ture.....	91.00	88	Wm. H. Butler, paints, etc.....	27.50
33	Wash. B. Williams, office furni-		89	F. P. May & Co., hardware, \$9;	
	ture.....	15.25		tools, 15 cents.....	9.15
34	Geo. Ryneal, jr., glass, \$23.78;		90	Pitney & Shannon, hardware.....	51.00
	paints, etc., \$61.50.....	85.28	91	And. Renz, tools.....	2.75
35	Keen & Hagerly, hardware.....	13.50	92	Jesse Jones & Co., drawers, trays,	
36	L. H. Schneider's Son, tools,			etc.....	103.74
	\$12.90; hardware, \$56.65.....	69.55	93	Geo. Ryneal, jr. paints.....	2.88
37	Pay roll for November, 1890, servi-		94	Pay roll for February, 1891, servi-	
	ces.....	988.75		ces.....	1,133.00
38	E. G. Wheeler, hardware, \$25.35;		95	Thos. W. Smith, lumber.....	576.28
	tin, lead, etc., \$1.40.....	26.75	96	Thos. W. Smith, office furniture.....	105.00
39	Lawrence & Camalier, office furni-		97	Jesse Jones & Co., drawers, trays,	
	ture.....	1.70		etc.....	76.18
40	Thos. W. Smith, lumber.....	412.08	98	J. H. Chesley & Co., hardware,	
41	W. E. Gavit, iron brackets.....	17.00		\$9.93; tools, \$5.30.....	15.23
42	Geo. Ryneal, jr., glass.....	26.57	99	W. E. Gavit, iron brackets.....	25.00
43	Jno. C. Knipp & Bro., office furni-		100	W. D. Doremus, hardware, etc.....	79.00
	ture.....	162.00	101	Pav roll for March, 1891, services.	1,186.00
44	Pitney & Shannon, tools, \$5.60;		101a	Pennsylvania R. R. Co., travel.....	2.00
	hardware, \$3.24.....	8.84	102	Wm. H. Butler, glass.....	7.20
45	C. B. Coles, frames, stands, etc.....	13.00	103	Excelsior Varnish Works, paints,	
46	Jno. Pfeifer & Co., services (spe-			oils, etc.....	33.50
	cial).....	5.00	104	E. E. Jackson & Co., drawers,	
47	J. B. Lambie, hardware.....	6.10		\$202.50; frames, \$3.60.....	206.10
48	And. Renz, tools.....	11.25	105	Jesse Jones & Co., drawers, etc.....	19.65
49	L. Schmidt & Sons, hardware.....	4.00	106	do.....	14.01
50	Merchant & Co., tin, lead, etc.....	257.91	107	Jno. C. Knipp & Bro., cases.....	158.00
51	L. H. Schneider's Son, hardware,		108	Julius Lansburgh, office furniture	5.00
	\$9.62; tools, \$6.25.....	15.87	109	F. P. May & Co., hardware, \$4;	
52	L. H. Schneider's Son, tools.....	7.40		tools, \$1.10.....	5.10
53	H. McShane & Co., tin, lead, etc.....	1.20	110	W. B. Moses & Sons, office furniture	19.20
54	W. E. Gavit, iron brackets.....	25.00		do.....	22.43
55	F. P. May & Co., hardware, \$3.15;		111	Osborn & Wilson, drawers, etc.....	32.00
	tools, \$1.75.....	4.90	112	Albert L. Pitney, hardware.....	12.25
56	C. B. Coles, frames, stands, etc.....	111.70	113	L. H. Schneider's Son, hardware,	
57	C. A. Stretinger & Co., tools.....	1.59		\$5.53; tools, \$1.25.....	6.78
58	Pay roll for December, 1890, servi-		114	Shanahan, Reilly & Co., paints,	
	ces.....	988.25		oils, etc.....	26.23
59	Kane & Roache, plumbing.....	14.24	115	C. B. Nichols, services.....	19.50
60			117	Barber & Ross, tools.....	1.60

Furniture and fixtures, 1891—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
118	Pay roll for April, 1891, services	\$1,166.50	131	P. Hanson Hiss Mfg. Co., exhibition cases	\$110.50
119	Geo. Ryneal, jr., paints, oils, etc.	5.00	132	J. Lansburgh, office furniture	68.50
120	F. P. May & Co., hardware, \$5.84; office furniture, \$2.50; tools, 75 cents	9.09	133	D. W. Stockstill, hardware	6.80
121	T. W. Smith, lumber	127.05	134	Barber & Ross, hardware, \$6.30; tools, \$1.73	8.03
122	Francis Miller, glass, \$19; paints, etc., \$35	54.00	135	Wm. H. Butler, glass	21.90
123	Whitall, Tatam & Co., glass jars	16.04	136	R. Leitch & Sons, hardware	8.40
124	B. H. Shoemaker, glass	744.02	137	L. H. Schneider's Son, hardware, \$13.22; tools, 60 cents	13.82
125	E. G. Wheeler, tools, \$1.75; hardware, \$2.55	4.30	138	W. E. Gavit, iron brackets	20.10
126	Woodward & Lothrop, cloth	4.00	139	Francis Miller, paints, oils, etc.	.64
127	L. H. Schneider's Son, hardware, \$11.51; tools, 90 cents	12.41	140	R. C. M. Burton, hardware	.50
128	Shepherd & Hurley, services (special)	13.00	141	William H. Butler, glass, \$3.75; paints, oils, etc., \$13.75	17.50
129	Pay roll for May, 1891, services	1,216.00	142	R. Leitch & Sons, hardware	5.00
130	W. D. Doremus, hardware, \$4.90; frames, etc., \$120	124.90	143	F. P. May & Co., hardware	22.50
			144	Geo. Ryneal, jr., paints, oils, etc.	24.90
			145	J. B. Shannon & Sons, hardware	96.50
			146	Shepherd & Hurley, apparatus	14.50
			147	Pay roll for June, 1891, services	1,264.00
	Total				21,309.46
	Balance July 1, 1891				3,690.54

Heating, lighting, electric, and telephonic service, July 1, 1890, to June 30, 1891.

Appropriation by Congress for the fiscal year ending June 30, 1891, "for expense of heating, lighting, electrical, telegraphic, and telephonic service for the National Museum" (sundry civil act, August 30, 1890).. \$12,000.00

Expenditures.

Salaries or compensation:

1 engineer, 7 months, at \$115	\$805.00
1 fireman, 12 months, at \$50	600.00
1 fireman, 12 months, at \$50	600.00
1 fireman, 10 months 59½ days, at \$50	597.56
1 fireman, 9 months 5 days, at \$50	458.33
1 fireman, 8 months 15 days, at \$50	424.19
1 fireman, 1 month 14 days, at \$50	72.58
1 telephone clerk, 12 months, at \$60	720.00
1 assistant telephone clerk, 12 months, at 35	420.00
1 laborer, 226 days, at \$1.50	339.00
Special service contract	48.25

Expenditure for salaries..... 5,084.91

General expenses:

Coal and wood	\$2,766.96
Gas	1,233.84
Telephones	604.40
Electric work	7.50
Electric supplies	905.68
Rental of call boxes	100.00
Heating repairs and work	} 448.95
Heating supplies	
Travel	5.42
	<u>6,072.75</u>

Total expenditures July 1, 1890, to June 30, 1891, for heating, lighting, etc..... 11,157.66

Balance July 1, 1891, to meet outstanding liabilities..... 842.34

Heating, lighting, etc., 1891.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Pay roll for July, 1890, salaries . . .	\$345.00	48	Pay-roll for January, 1891, serv- ices	\$556.50
2	Gaslight Company, gas	75.64			
3	Payroll for August, 1890, salaries .	345.00	49	R. Leitch & Sons, heating sup- plies	26.65
4	Shepard & Hurlay, special serv- ices, electric work	10.00	50	S. C. Carter, coal and wood	499.30
5	Gaslight Company, gas	85.88	51	Geo. Grinder, special services	9.00
6	Pay roll for September, 1890, sala- ries	345.00	52	G. L. Sheriff, coal and wood	5.47
7	Mutual District Messenger Co., rental of boxes	10.00	53	Robt. Boyd, heating supplies	6.34
8	Gas Co., gas	85.25	54	R. Leitch & Sons, heating sup- plies	31.37
9	John R. Galloway, electrical sup- plies	8.75	55	Geo. Ryneal, jr., heating supplies .	7.25
10	Mutual District Messenger Co., rental	10.00	56	Royce & Marean, electric sup- plies	92.80
11	Edw. Corbett, electrical supplies . .	3.00	57	Gaslight Co., gas	147.26
12	American Automatic Protector Co., electrical supplies	7.00	58	Pitney & Shannon, electric sup- plies, \$12.25; heating supplies, \$2.55	14.80
13	S. C. Carter, coal	1,707.40	59	H. M. Howard, heating supplies . .	6.40
14	Chesapeake and Potomac Tele- phone Co., telephones	200.00	60	Geo. Ryneal, jr., heating supplies .	1.85
15	Mutual District Messenger Co., rental	10.00	61	Pay-roll for February, 1891, serv- ices	497.50
16	Pay roll for October, 1890, services	343.39	62	Wm. Thomas, services	24.19
17	Edw. Corbett, electrical supplies . .	40.37	63	Gas Co., gas	139.26
18	J. Blake Kendall, heating supplies	11.25	64	Schleicher, Schumm & Co., spe- cial service, \$9.25; travel, \$5.42 .	14.67
19	Gas Co., gas	100.01	65	Royce & Marean, electric sup- plies	8.20
20	T. Somerville & Sons, heating sup- plies	4.53	66	S. C. Carter, coal and wood	27.72
21	Z. D. Gilman, electrical supplies . .	3.00	67	G. L. Sheriff, coal and wood	14.61
22	M. Lindsay, heating supplies	20.85	68	S. S. Shedd & Bro., supplies	1.00
23	Geo. Ryneal, jr., heating supplies . .	2.50	69	John K. Ward, electric supplies . .	1.75
24	R. Leitch & Sons, heating supplies	198.98	70	R. Leitch & Sons, supplies	25.10
25	Pay roll for November, 1890, serv- ices	383.17	71	Pay roll for March, 1891, services .	456.50
26	Jno. T. Springmann, heating sup- plies	37.97	72	Mutual District Messenger Co., rental of boxes	10.00
27	S. C. Carter, coal and wood	39.05	73	Royce & Marean, electric sup- plies	30.00
28	E. G. Wheeler, heating supplies . . .	4.20	74	Gaslight Co., gas	144.38
29	Gas Co., gas	109.76	75	B. Hughes, services	8.33
30	G. L. Sheriff, coal and wood	34.69	76	Pay roll for April, 1891, services .	405.00
31	Royce & Marean, electrical work, \$10.10; electrical work, \$5	15.10	77	S. C. Carter, coal and wood	227.12
32	Mutual District Messenger Co., rental of boxes	10.00	78	Mutual District Messenger Co., rental of boxes	10.00
33	J. H. Wilkerson, special services . .	20.00	79	do	10.00
34	Mutual District Messenger Co., rental of boxes	10.00	80	J. L. Barbour & Son, supplies . . .	4.00
35	L. H. Schneider's Son, electrical supplies, \$2.51; heating sup- plies, \$1.18	3.67	81	G. L. Sheriff, coal and wood	10.94
36	Royce & Marean, electrical work . .	2.50	82	U. S. Electric Light Co., electric supplies	647.00
37	J. L. Barbour & Son, heating sup- plies	2.65	83	Chesapeake and Potomac Tele- phone Co., telephones	203.20
38	Payroll for December, 1890, services	529.08	84	John K. Ward, supplies	8.25
39	S. C. Carter, coal	200.66	85	E. G. Wheeler, supplies	4.20
40	Jno. K. Ward, heating supplies . . .	8.25	86	Gaslight Co., gas	130.26
41	Gas Co., gas	125.38	87	Mutual District Messenger Co., rental of boxes	10.00
42	Chesapeake and Potomac Tele- phone Co., telephones	200.00	88	J. L. Barbour & Son, supplies . . .	4.75
43	do	1.20	89	Pay roll for May, 1891, services . .	399.00
44	T. Somerville & Sons, heating sup- plies	6.60	90	Thos. H. Shayne, electric supplies	24.00
45	Royce & Marean, electrical sup- plies	8.95	91	Mutual District Messenger Co., rental of boxes	10.00
46	M. Lindsay, heating supplies	3.00	92	Gaslight Co., gas	90.76
47	Geo. Ryneal, jr., heating supplies . .	1.40	93	R. Leitch & Sons, supplies	13.80
			94	E. Howard Watch and Clock Co., electric supplies	6.00
			95	F. Miller, supplies . . . . .	.90
			96	S. S. Shedd & Bro., supplies	1.20
			97	Pay roll for June, 1891, services .	399.00
Total					11,157.66
Balance July 1, 1891					842.34

Postage, July 1, 1890, to June 30, 1891.

Appropriation by Congress for the fiscal year ending June 30, 1891, "for postage stamps and foreign postal cards for the National Museum" (sundry civil act, August 30, 1890)	\$500.00
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Expenditures.

City post-office, for postage, and postal cards	500.00
Appropriation all expended July 1, 1891.	

Printing, July 1, 1890, to June 30, 1891.

Appropriation by Congress for the fiscal year ending June 30, 1891, "for printing labels and blanks for the use of the National Museum and for 'bulletins' and annual volumes of the 'Proceedings' of the National Museum)	\$10,000.00
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Expenditures.

Bulletins Nos. 36, 38, 39; Special Bulletin No. 1	1,100.27
Proceedings, Vols. XII, XIII, XIV	3,398.56
Extras from reports	783.46
Circulars	3.93
Labels for specimens	2,438.81
Letter heads, memorandum pads, and envelopes	170.21
Blanks	682.26
Catalogue cards	337.85
Congressional Records	20.00

Total expenditure, July 1, 1890, to June 30, 1891, for printing, National Museum	8,935.35
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Balance July 1, 1891	1,064.65
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PERKINS COLLECTION OF PREHISTORIC COPPER IMPLEMENTS.

Appropriation by Congress "to enable the Secretary of the Smithsonian Institution to purchase from Frederic S. Perkins, of Wisconsin, his collection of prehistoric copper implements" (deficiency act, September 30, 1890)	\$7,000.00
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Expenditures:

F. S. Perkins, collection of prehistoric copper implements	7,000.00
(Paid direct by Treasury Department to F. S. Perkins.)	

PAYMENT TO DAUGHTERS OF THE LATE JOSEPH HENRY, SECRETARY OF THE SMITHSONIAN INSTITUTION.

Appropriation by Congress "for payment to the daughters of the late Joseph Henry, Secretary of the Smithsonian Institution, for valuable public services rendered by him" (sundry civil act, March 3, 1891)	\$10,000.00
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Expenditures:

Payment of above direct by Treasury Department to Mary, Helen, and Caroline Henry, daughters of Prof. Joseph Henry	10,000.00
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PURCHASE OF THE CAPRON COLLECTION OF JAPANESE WORKS OF ART.

Appropriation by Congress "for the purchase of 'the Capron collection of Japanese works of art,' now on temporary deposit in the National Museum at Washington, District of Columbia" (sunday civil act, March 3, 1891)	\$10,000.00
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Expenditures:

Payment of above direct to the heirs of Horace Capron by the Treasury Department	10,000.00
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SMITHSONIAN INSTITUTION BUILDING REPAIRS.

Appropriation by Congress "for fire-proofing the so-called chapel of the west wing of the Smithsonian Institution building and for repairing the roof of the main building and the ceiling and plastering of the main hall of the building, said work to be done under the supervision of the Architect of the Capitol, with the approval of the Regents of the Smithsonian Institution, and no portion of the appropriation to be used for skylights in the roof nor for well-hole in the floor of the main building" (sundry civil act, August 30, 1890) \$25,000.00

Expenditures from August 30, 1890, to June 30, 1891.

Advertising.....	12.78
Iron roof and ceiling (contract).....	1,620.00
Labor.....	354.86
Lumber.....	368.94
Roofing materials.....	41.90
Stationery, printing, etc.....	5.50
Travelling expenses.....	10.25
	<u>2,414.23</u>
Balance July 1, 1891.....	22,585.77

Detailed list of vouchers for expenditures for Smithsonian Institution building repairs from August 30, 1890, to June 30, 1891.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Pay roll (one-half April), labor...	\$62.62	10	Pay roll (one-half June), labor...	\$82.50
2	Judd & Detweiler, stationery, printing, etc.....	5.00	11	Washington Critic Co., advertising.....	4.00
3	Merchant & Co., roofing materials.....	21.00	12	Washington Post Co., advertising.....	3.96
4	James H. Kolb, labor.....	12.75	13	The Evening Star Newspaper Co., advertising.....	4.82
5	Benjamin Williams, labor.....	4.12	14	Pay roll (one-half June), labor.....	119.37
6	William Fuller & Co., roofing materials.....	20.90	15	Church & Stephenson, lumber.....	368.94
7	Pay roll (one-half May), labor.....	73.50	16	Phoenix Iron Co., contract, iron roof and ceiling.....	1,620.00
8	August Schoenborn, traveling expenses.....	10.25		Total.....	2,414.23
9	Herman Baumgarten, stationery, printing, etc.....	.50			

NORTH AMERICAN ETHNOLOGY.

Appropriation by Congress for the fiscal year ending June 30, 1891, "for continuing ethnological researches among the American Indians, under the direction of the Smithsonian Institution, including salaries or compensation of all necessary employes" (sundry civil act, August 30, 1890) \$40,000.00

Balance July 1, 1890, as per last annual report..... 12,033.08

52,023.08

ETHNOLOGY.

Expenditures July 1, 1890, to June 30, 1891.

Salaries or compensation:	
2 ethnologists, at \$3,000 per annum.....	\$6,000.00
1 archæologist, at \$2,500 per annum, 10 months.....	2,166.60
1 ethnologist, at \$2,400 per annum.....	2,400.00
1 ethnologist, at \$2,400 per annum, 2 months.....	400.00
1 archæologist, at \$2,400 per annum, 2 months.....	400.00
1 ethnologist, at \$2,000 per annum, 10 months.....	1,666.60
1 ethnologist, at \$1,800 per annum, 2 months.....	300.00
1 ethnologist, at \$1,800 per annum.....	1,800.00
1 ethnologist, at \$1,800 per annum, 11 months.....	1,650.00

Salaries or compensation—Continued.

1 assistant ethnologist, at \$1,800 per annum, 5 months	\$750. 00
1 assistant archæologist, at \$1,500 per annum, 2 months	250. 00
1 assistant ethnologist, at \$1,500 per annum, 10 months	1, 250. 00
1 assistant ethnologist, at \$1,400 per annum, 2 months	233. 32
1 assistant ethnologist, at \$1,400 per annum, 10 months	1, 166. 60
1 assistant ethnologist, at \$1,400 per annum, 10 months	1, 666. 60
1 assistant ethnologist, at \$1,200 per annum, 2 months	200. 00
1 assistant ethnologist, at \$1,200 per annum	1, 200. 00
1 assistant ethnologist, at \$1,200 per annum, 9 months	950. 00
1 assistant ethnologist, at \$1,200 per annum, 2 months	200. 00
1 stenographer, at \$1,200 per annum, 10 months	1, 000. 00
1 stenographer, at \$1,000 per annum, 2 months	166. 66
1 assistant ethnologist, at \$1,200 per annum, 2 months	200. 00
1 assistant ethnologist, at \$1,000 per annum, 8 months	666. 64
1 assistant ethnologist, at \$900 per annum, 2 months	150. 00
1 assistant ethnologist, at \$900 per annum	900. 00
1 ethnologic aid, at \$900 per annum, 2 months	150. 00
1 copyist, at \$900 per annum	900. 00
1 copyist, at \$900 per annum, 10 months	750. 00
1 copyist, at \$720 per annum, 2 months	120. 00
1 copyist, at \$720 per annum	720. 00
1 modeler, at \$720 per annum	720. 00
1 modeler, at \$720 per annum, 10 months	600. 00
1 modeler, at \$600 per annum, 2 months	100. 00
1 clerk, at \$600 per annum	600. 00
1 clerk, at \$600 per annum, 11 months and 24 days	590. 00
1 messenger at \$600 per annum, 8 months 7 days	411. 29
1 modeller at \$480 per annum, 10 months	400. 00
1 messenger, at \$480 per annum, 3 months 8 days	134. 51
Unclassified or special jobs or contracts	271. 41
Total salaries or compensation	\$33, 710. 23
Miscellaneous:	
Travelling expenses	2, 354. 76
Transportation of property	290. 20
Field subsistence	115. 16
Field supplies	310. 71
Field supplies for distribution to Indians	93. 54
Field material	30
Laboratory material	32. 26
Books for library	352. 16
Stationery and drawing material	309. 00
Illustrations for reports	840. 35
Office furniture	439. 96
Office supplies and repairs	193. 41
Specimens	174. 10
	5, 505. 91
Total expenditures	39, 216. 14
Bonded railroad accounts settled by United States Treasury	42. 70
Total expenditure, North American ethnology	39, 258. 84
Balance July 1, 1891	12, 774. 24
Expenditures re-classified by subject-matter:	
Sign language and picture writing	4, 654. 40
Explorations of mounds, eastern portion of United States	4, 978. 58
Researches in archæology, southwestern portion of United States	8, 497. 82
Researches, languages of North American Indians	12, 412. 73
Salaries, office of Director	4, 202. 46
Illustrations for reports	840. 35
Researches among the Pueblos	1, 000. 00
Contingent expenses	2, 629. 80
	39, 216. 14
Bonded railroad accounts settled by United States Treasury	42. 70
Total expenditure North American ethnology	39, 258. 84
Balance July 1, 1891	12, 774. 24

EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

SUMMARY.

July 1, 1890:

Balance on hand	\$12, 033. 08	
Appropriation for North American ethnology	40, 000. 00	
		52, 033. 08
Expended		39, 258. 84
Balance on hand July 1, 1891		12, 774. 24

Which balance is deposited as follows:

To credit of disbursing agents	6, 066. 94
In the United States Treasury	6, 707. 30
Balance on hand July 1, 1891	12, 774. 24

APPROPRIATION FOR ETHNOLOGIC RESEARCHES.

Abstract of disbursements made by Jno. D. McChesney, disbursing agent, Bureau of Ethnology, during the fiscal year ending June 30, 1891.

No.	To whom paid.	For what paid.	Amount.
1	W. H. Holmes	Cash paid for services	\$15. 75
2	J. Curtin	Cash paid for specimens	103. 00
3	Henry Lee Reynolds	Travelling expenses	17. 70
4	J. W. Miller	Field supplies, etc	35. 66
5	F. M. Draney	Hire of transportation	51. 00
6	J. B. Archuleta	Services, June 3-21, 1890	15. 83
7	Chas. Laddy	Transportation	10. 00
8	J. B. Block	Field subsistence, etc	6. 15
9	Robert Beall	Publications	45. 20
10	Adams Express Co	Freight, March, April, and May, 1890	64. 30
11	T. E. Stevenson	Cash paid for expenses	84. 02
12	Cyrus Thomas	Travelling expenses	18. 38
13	E. E. Jackson & Co	Supplies	7. 94
14	W. H. Lowdermilk & Co	Publications	16. 75
15	Pennsylvania R. R. Co	Transportation of assistants	34. 20
16	C. S. Cudlip & Co	Field supplies	6. 00
17	Franz Boas	Services, June, 1890	150. 00
18	do	Travelling expenses	129. 34
19	Henry Lee Reynolds	Services, July, 1890	100. 00
20	T. E. Stevenson	do	100. 00
21	Franz Boas	do	150. 00
22	Henry Lee Reynolds	Travelling expenses	20. 50
23	Pay roll of employes	Services, July, 1890	275. 00
24	do	do	300. 00
25	do	do	1, 961. 65
1	Oregonian R. R. Co	Transportation of assistants	2. 10
2	F. M. Draney	Hire of transportation	9. 00
3	Will T. Shelton	Services, June 28-30, 1890	3. 00
4	do	Services, July, 1890	30. 00
5	J. B. Block	Subsistence	20. 52
6	Bibo & Block	do	6. 55
7	J. W. Miller	Supplies for distribution to Indians	10. 05
8	A. W. Cleland, jr	Subsistence supplies	14. 94
9	James Mooney	Travelling expenses	62. 52
10	J. B. Hammond	Cases	112. 60
11	W. H. Holmes	Travelling expenses	31. 20
12	United States Express Co	Freight charges	2. 65
13	Lewis S. Hayden	Publication	7. 00
14	E. E. Jackson & Co	Lumber	30. 72
15	Phileas Gagnon	Publications	19. 00
16	Adams Express Co	Freight, June, 1890	5. 90
17	Fred. A. Schmidt	Supplies	9. 11
18	Geo. Ryneal, jr	do	14. 10
19	J. S. Topham	Office supplies	6. 50
20	T. E. Stevenson	Services, August, 1890	100. 00
21	Franz Boas	do	150. 00
22	W. J. Hoffman	do	100. 00
23	Pay roll of employes	do	1, 861. 65
24	do	do	400. 00
25	do	do	275. 00
1	Robert Boyd	Supplies	9. 55
2	T. E. Stevenson	Field expenses	7. 55
3	E. Morrison	Offices supplies	14. 90
4	Browning & Middleton	Supplies	3. 20
5	Henry A. Clarke & Son	Typewriter	85. 00
6	L. H. Schneider's Son	Office material	4. 45
7	Chas. G. Stott & Co	Supplies	. 30
8	T. E. Stevenson	Services, September, 1890	100. 00

Abstract of disbursements made by Jno. D. McChesney, disbursing agent, etc.—Continued.

No.	To whom paid.	For what paid.	Amount.
9	W. J. Hoffman	Travelling expenses	\$279.75
10	W. H. Holmes	do	155.56
11	Pay-roll of employés	Services, September, 1890	400.00
12	do	do	308.33
13	do	do	1,911.64
14	Baltimore and Ohio R. R. Co.	Transportation of assistants	125.00
15	Chicago, St. Paul, Minn. and Omaha R. R. Co.	do	11.50
16	E. E. Jackson & Co.	Supplies	28.48
17	Mary M. Mitchell	35 original drawings	52.50
18	John C. Parker	Stationery	9.00
19	T. E. Stevenson	Cash paid for field expenses	39.53
20	J. B. Block	Field subsistence and supplies	24.26
21	do	Packing and freighting public property, etc	35.50
22	do	Supplies for distribution to Indiana	8.85
23	do	Board and lodging	23.25
24	J. W. Miller	Supplies for distribution to Indians, etc.	6.74
25	Will T. Shelton	Services, August 1-29, 1890	29.00
1	T. E. Stevenson	Travelling expenses	28.95
2	Geo. W. Knox	Freight charges, March and April, 1890	6.50
3	Geo. Ryneal, jr.	Supplies	8.15
4	East Tenn., Va. and Ga. R. R. Co.	Transportation of assistants	19.75
5	The Tucker Letter and Doc. File Co.	Office furniture	70.00
6	Wash. B. Williams	Office chair	9.00
7	F. M. Draney	Hire of horse and wagon	12.00
8	do	Hire of field transportation	6.00
9	E. J. Pullman	Supplies for illustrations	10.97
10	do	do	3.70
11	W. S. Zittle	Office supplies	3.00
12	The Pennsylvania R. R. Co.	Transportation of assistant	8.60
13	L. H. Schneider's Son	Supplies for modeling purposes	16.06
14	Vandalia Line	Transportation of assistant	19.25
15	United States Express Co.	Freight charges, August, 1890	3.10
16	Nora Thomas	Travelling expenses	3.75
17	Cyrus Thomas	do	19.00
18	Henry Lee Reynolds	do	51.52
19	Adams Express Co.	Freight charges	10.65
20	do	do	5.65
21	Pay-roll of employés	Services, October, 1890	2,011.64
22	do	do	400.00
23	do	do	308.33
1	W. H. Holmes	Travelling expenses	29.05
2	Mary M. Mitchell	23 drawings	57.50
3	W. H. Holmes	Travelling expenses	31.75
4	Adams Express Co.	Freight charges, October, 1890	2.15
5	Baltimore and Potomac R. R. Co.	Transportation of assistants	11.95
6	Baltimore and Ohio R. R. Co.	do	23.80
7	Pennsylvania R. R. Co.	do	34.65
8	W. S. Zittle	Office supplies	2.00
9	Albert S. Gatschet	Cash paid for services	16.00
10	May S. Clark	Travelling expenses	26.75
11	do	Cash paid for field expenses	4.70
12	Franz Boas	Travelling expenses	105.95
13	do	do	133.40
14	do	Cash paid for field expenses	23.50
15	Atchison, Topeka and Santa Fé R. R.	Transportation of assistants	87.30
16	E. E. Jackson & Co.	Lumber	32.76
17	Pay roll of employés	Services, November, 1890	2,011.64
18	do	do	308.33
19	do	do	400.00
1	John Bury	Ethnologic specimens	30.10
2	George Ryneal, jr.	Supplies	41.05
3	Mary M. Mitchell	Original drawings	25.00
4	Castle & Henshaw	Galvanized-iron box	1.00
5	W. H. Morrison	Publications	27.75
6	F. M. Draney	Hire of horse and wagon	12.00
7	do	do	6.00
8	Cyrus Thomas	Travelling expenses	16.54
9	Pennsylvania R. R. Co.	Transportation of assistants	8.00
10	W. W. Blake	Publication	4.50
11	C. H. L. McDonald	Original drawings	30.00
12	C. E. Heatwole	Archæological specimens	10.00
13	Stark P. Ames	Services, June 23-27, 1890	4.16
14	William C. Lewis & Co.	Supplies for modeling purposes	13.13
15	Wyckoff, Seamans & Benedict	Office supplies and repairs	.74
16	do	Repairs and rent of typewriter	15.67
17	Z. D. Gilman	Laboratory supplies	1.50
18	Alphonsus Valliere	Services, Dec. 23-31, 1890	6.00
19	Pay roll of employés	Services, December, 1890	2,011.64
20	do	do	400.00
21	do	do	308.33
1	Mary M. Mitchell	Original drawings	45.00

Abstract of disbursements made by Jno. D. McChesney, disbursing agent, etc.—Continued.

No.	To whom paid.	For what paid.	Amount.
2	J. U. Burket & Co	Electrical supplies and repairs	\$24.22
3	Robert Beall	Publications	3.25
4	Mary Irwin Wright	Original drawings	38.00
5	Old Colony R. R. Co	Transportation of assistants	12.25
6	Richmond and Danville R. R	do	14.50
7	F. M. Draney	Hire of horse and wagon	3.00
8	Henry A. Clark & Son	Typewriter ribbons	12.00
9	Charles L. Webster & Co	Publications	3.00
10	Pennsylvania R. R. Co	Transportation of assistant	38.56
11	Gustav E. Stechert	Publications	16.43
12	T. E. Stevenson	Cash paid for field subsistence	3.10
13	Wash. B. Williams	Supplies	3.00
14	Geo. Ryneal, jr.	Artists' and modeling supplies	10.68
15	Alphonsus Valliere	Services, January, 1891	13.00
16	Pay roll of employés	do	2,011.64
17	do	do	400.00
18	do	do	308.33
1	Adams Express Co	Freight charges, November, 1890	18.95
2	do	Freight charges, December, 1890	5.05
3	Mary M. Mitchell	Original drawings	50.00
4	Pennsylvania Co	Transportation of assistant	17.50
5	Pittsburg, Cincinnati and St. Louis Rwy. Co.	do	9.55
6	John C. Parker	Stationery	5.40
7	Henry Lee Reynolds	Travelling expenses	2.95
8	Missouri, Kansas and Texas Rwy. Co.	Transportation of assistant	11.45
9	Henry Lee Reynolds	Travelling expenses	4.65
10	Browning & Middleton	Supplies for modeling purposes	1.90
11	F. A. Schneider	Supplies for illustrations	17.35
12	E. E. Jackson & Co	Supplies	17.62
13	William Belt	Supplies for modeling purposes	15.00
14	Mariocopa and Phoenix R. R. Co	Transportation of assistants	3.00
15	Atchison, Topeka and Santa Fé R. R	do	14.55
16	W. B. Moses & Son	Office supplies	3.60
17	Samuel Springmann	Freight charges and hauling	11.73
18	Mary Irwin Wright	Original drawings	42.00
19	Wells M. Sawyer	do	26.00
20	Alphonsus Valliere	Services, Feb. 2-23, 1891	21.00
21	Mary M. Mitchell	Original drawings	40.65
22	Pay roll of employés	Services, February, 1891	2,011.64
23	do	do	400.00
24	do	do	308.33
1	Z. D. Gilman	Supplies for modeling purposes	3.50
2	Geo. K. Clark	Services, January and February, 1891	55.00
3	William D. Clark & Co	Supplies for modeling purposes	2.80
4	Wells M. Sawyer	Original drawing	3.00
5	Daniel Little Chief	Services, Feb. 23-28, 1891	7.55
6	Rubert Beall	Publications	21.70
7	Pay roll of employés.	Services, March, 1891.	2,011.64
8	do	do	300.00
9	do	do	284.13
10	do	do	100.00
1	Henry Lee Reynolds.	Services, Mar. 1 to Apr. 2, 1891	35.00
2	Daniel Little Chief	Original drawings	52.00
3	Mary M. Mitchell	Freight charges and hauling.	5.86
4	Peoples' Dispatch and Transfer Co	Freight charges	75.20
5	United States Express Co	Publications	13.55
6	W. H. Morrison	Transportation of assistants	6.96
7	Cleveland, Akron and Columbus R. R.	Electrical supplies.	2.95
8	Washington Construction Co	Transportation of assistants.	10.75
9	Pennsylvania R. R.	Office furniture and repairs	20.00
10	Wash. B. Williams.	Travelling expenses	8.24
11	Cyrus Thomas	Supplies for modeling purposes	2.20
12	L. H. Schneider's Son	Services, Apr. 1-15, 1891	50.00
13	Henry Lee Reynolds	Artists' material.	47.92
14	Geo. Ryneal, jr.	Supplies and repairs	5.90
15	Wyckoff, Seamans & Benedict	Travelling expenses	49.86
16	W. H. Holmes.	Publications	8.50
17	J. W. Bouton	do	65.40
18	Charles Scribner's Sons.	Supplies for modeling purposes	9.24
19	E. E. Jackson & Co	Transportation of assistants	29.80
20	Richmond and Danville R. R.	Travelling expenses	285.57
21	James Mooney	Supplies for illustrations.	142.08
22	E. J. Pullman	Transportation of assistant.	21.65
23	Memphis and Charleston R. R	Office supplies	4.00
24	Newman & Son	Calligraph ribbon	.75
25	do	Services, April, 1891	275.00
26	Pay roll of employés	do	300.00
27	do	do	2,051.64
28	do	do	10.75
1	Wm. Dinwiddie.	Travelling expenses	10.75
2	Mary M. Mitchell.	Original drawings	47.75

Abstract of disbursements made by Jno. D. McCheaney, disbursing agent, etc.—Continued.

No.	To whom paid.	For what paid.	Amount.
3	Mary Irvin Wright.....	Original drawings.....	\$53. 00
4	Charles Scribner's Sons.....	Publications.....	6. 19
5	J. Baumgarten & Son.....	Office supplies.....	10. 90
6	J. U. Burket & Co.....	Services, Jan. 29 and Feb. 15, 1891.....	2. 50
7	John C. Parker.....	Repairing typewriter.....	6. 10
8	Cyrus Thomas.....	Travelling expenses.....	14. 42
9	Royce & Mearns.....	Supplies.....	1. 80
10	E. J. Pullman.....	Photo supplies.....	8. 91
11	St. Louis & San Francisco R. R.....	Transportation of assistant.....	22. 00
12	William Dinwiddie.....	Travelling expenses.....	23. 28
13	F. A. Schneider.....	Illustration supplies.....	13. 75
14	People's Dispatch and Transfer Co.....	Freight charges and hauling.....	1. 81
15	Melville Lindsay.....	1 rubber cover.....	4. 50
16	Pennsylvania R. R. Co.....	Transportation of assistant.....	11. 95
17	J. F. McKaig.....	Office supplies.....	2. 00
18	W. H. Holmes.....	Travelling expenses.....	17. 45
19	F. M. Draney.....	Hire of transportation.....	12. 00
20	W. H. Holmes.....	Travelling expenses.....	32. 00
21	Franz Boas.....	Services, May, 1891.....	150. 00
22	Cosmos Mindeleff.....	do.....	125. 00
23	Pay roll of employés.....	do.....	2, 109. 98
24	do.....	do.....	375. 00
25	do.....	do.....	235. 00
1	Wm. Dinwiddie.....	Travelling expenses.....	18. 47
2	Mary M. Mitchell.....	Drawings.....	40. 20
3	W. H. Holmes.....	Travelling expenses.....	33. 61
4	E. H. King.....	Office file cases, etc.....	133. 26
5	Geo. Rynaal, jr.....	Supplies for modeling purposes.....	18. 16
6	S. H. Zahn & Co.....	Publications.....	3. 50
7	Hermann Baumgarten.....	Office supplies.....	5. 25
8	Wm. Dinwiddie.....	Travelling expenses.....	18. 86
9	Adams Express Co.....	Freight charges.....	16. 15
10	Pittsburg, Cin., Chi. and St. Louis R. R.....	Transportation of assistant.....	15. 25
11	J. Baumgarten & Son.....	Inking pad.....	. 75
12	Albert S. Gatschet.....	Cash paid for services.....	11. 00
13	Wm. Dinwiddie.....	Travelling expenses.....	17. 81
14	The H. B. Clafin Co.....	Supplies for distribution to Indians.....	90. 61
15	Pennsylvania Railroad Co.....	Transportation of assistant.....	10. 75
16	E. J. Pullman.....	One kodak.....	29. 25
17	E. R. Klippart.....	Publications.....	14. 50
18	G. P. Putnam's Sons.....	do.....	29. 54
19	J. W. Bouton.....	do.....	46. 35
20	John Wallace.....	do.....	16. 00
21	Fred. A. Schmidt.....	Newspaper pins.....	4. 50
22	Woodward & Lothrop.....	Supplies for distribution to Indians.....	2. 93
23	Franz Boas.....	Services, June, 1891.....	150. 00
24	Wm. Dinwiddie.....	Travelling expenses.....	35. 14
25	Gerard Fowke.....	Services, June, 1891.....	100. 00
26	Juan E. Pico.....	Ethnologic specimen.....	15. 00
27	Mary M. Mitchell.....	Original drawings.....	38. 00
28	Pay roll of employés.....	Services, June, 1891.....	1, 959. 98
29	do.....	do.....	365. 00
30	do.....	do.....	135. 00
31	do.....	do.....	125. 00
	Total.....		39, 216. 14

NATIONAL ZOÖLOGICAL PARK.

APPROPRIATION BY CONGRESS "FOR THE ORGANIZATION, IMPROVEMENT, AND MAINTENANCE OF THE NATIONAL ZOÖLOGICAL PARK."

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the one-half of the following sums named respectively is hereby appropriated out of any money in the Treasury not otherwise appropriated, and the other half out of the revenues of the District of Columbia, for the organization, improvement, and maintenance of the National Zoölogical Park, to be expended under the direction of the Regents of the Smithsonian Institution, and to be drawn on their requisition and disbursed by the disbursing officer of said Institution:

For the shelter of animals.....	\$15, 000. 00
For shelter barns, cages, fences, and inclosures and other provisions for the custody of animals.....	9, 000. 00
For repairs to the Holt mansion to make the same suitable for occupancy, and for office furniture.....	2, 000. 00

For the creation of artificial ponds and other provisions for aquatic animals.....	\$2,000.00
For water supply, sewerage, and drainage	7,000.00
For roads, walks, and bridges.....	15,000.00
For miscellaneous supplies, materials, and sundry incidental expenses not otherwise provided for	5,000.00
For current expenses, including the maintenance of collections, food supplies, salaries of all necessary employes, and the acquisition and transportation of specimens.....	37,000.00
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	92,000.00

SEC. 2. That the National Zoölogical Park is hereby placed under the direction of the Regents of the Smithsonian Institution, who are authorized to transfer to it any living specimens, whether of animals or plants, now or hereafter in their charge; to accept gifts for the park, at their discretion, in the name of the United States; to make exchanges of specimens, and to administer the said Zoölogical Park for the advancement of science and the instruction and recreation of the people.

SEC. 3. That the heads of executive departments of the Government are hereby authorized and directed to cause to be rendered all necessary and practicable aid to the said Regents in the acquisition of collections for the Zoölogical Park.

Approved April 30, 1890.

Expenditures from April 30 to June 30, 1890.

Shelter barns, cages, etc	\$43.83
Miscellaneous supplies	157.57
Current expenses	717.10
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Total expenditures National Zoölogical Park.....	918.50
Balance July 1, 1890.....	91,081.50

Expenditures from July 1, 1890, to June 30, 1891.

Shelter of animals	\$13,631.42
Shelter barns, cages, fences, etc	8,643.33
Repairs to Holt mansion, etc.....	2,000.00
Artificial ponds, etc.....	56.16
Water supplies, sewers, and drainage	657.14
Roads, walks, and bridges	10,244.19
Miscellaneous supplies	3,974.90
Current expenses	28,432.52
	<hr/>
	67,639.66
Balance July 1, 1891	23,441.84

Statement of the total expenditures of the appropriation for the National Zoölogical Park, act of April 30, 1890.

	From April 30, 1890, to June 30, 1890.	From July 1, 1890, to June 30, 1891.	Total to June 30, 1891.
Shelter of animals.....	\$43.83	\$13,631.42	\$13,675.25
Shelter barns, cages, fences, etc		8,643.33	8,643.33
Repairs to Holt mansion, etc.....		2,000.00	2,000.00
Artificial ponds, etc.....		56.16	56.16
Water supply, sewerage, and drainage.....		657.14	657.14
Roads, walks, and bridges		10,244.19	10,244.19
Miscellaneous supplies.....	157.57	3,974.90	4,132.47
Current expenses	717.10	28,432.52	29,149.62
Total.....	918.50	67,639.66	68,558.16

Detailed list of vouchers for expenditures for National Zoological Park from April 30, 1890, to June 30, 1891.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	W. C. Weeden, services.....	\$70.00	78	T. R. Mitchell, printing blanks...	\$4.50
2	N. S. Cook, services.....	45.00	79	Wm. Ballantyne & Son, stationery.....	20.21
3	Jesse Short, services.....	6.00	80	Wilmarth & Edmonston, furniture.....	1.78
4	H. Baumgarten, rubber stamps.....	4.50	81	H. Baumgarten, stamps.....	17.00
5	Melville Lindsay, hose.....	18.50	82	E. Burgdorf, horse.....	150.00
6	S. P. Langley, travel.....	35.25	83	Pay roll, service.....	735.69
7	Church & Stephenson, lumber.....	17.18	84	do.....	65.00
8	Great Falls Ice Co., ice.....	4.73	85	do.....	401.22
9	Geo. Ryneal, jr., paints.....	5.75	86	E. O. Duffy, ocelot.....	20.00
10	F. P. May & Co., hardware.....	18.85	87	C. C. Carroll, food for animals.....	12.00
11	E. W. Nash, books.....	14.00	88	J. C. Parker, stationery.....	139.67
12	W. A. Conklin, freight.....	2.00	89	Wm. Thompson, sand.....	12.00
13	M. F. Takty, gravel.....	47.50	90	E. H. Kirlin, lime and cement.....	24.20
14	Maurice Sullivan, services.....	4.50	91	Samuel Payne, services.....	15.94
15	L. M. Cornwall, food for animals.....	46.13	92	Samuel Wedge, ironwork.....	3.85
16	Frank Baker, travel.....	40.82	93	L. M. Cornwall, food for animals.....	48.74
17	United States Express Co., freight.....	30.00	94	E. F. Brooks, gas fixtures.....	15.00
18	Geo. W. Knox, freight.....	2.05	95	N. V. Randolph & Co., pamphlet binders.....	11.40
19	Adams Express Co., freight.....	2.00	96	Church & Stephenson, lumber.....	12.84
20	Edw. S. Schmid, food for animals.....	13.75	97	The Hygienic Ice Co., ice.....	4.15
21	C. C. Carroll, food for animals.....	24.00	98	Pay roll, services.....	375.49
22	Robt. Leitch & Sons, terra-cotta pipe.....	12.83	99	do.....	808.84
23	Daniel Harris, services.....	3.00	100	Edw. S. Schmid, food for animals.....	18.55
24	A. E. Brown, services.....	25.00	101	John W. Collins, stonework.....	171.87
25	Chas. Rabbitt, services.....	33.00	102	J. H. Anderson, grindstone.....	3.00
26	W. C. Weeden, services.....	70.00	103	D. Barber, ironwork.....	5.20
27	N. S. Cook, services.....	45.00	104	W. W. McCullough, lumber.....	499.00
28	J. B. Grinder, services.....	23.33	105	E. M. Grinder, bricks.....	95.33
29	Jos. Berres, services.....	16.00	106	Howell & Greenough, surveys and maps.....	230.00
30	J. W. H. Wood, services.....	4.00	107	Church & Stephenson, lumber.....	54.69
31	Geo. F. Redman, services.....	6.00	108	Fred. A. Schmidt, drawing material.....	8.25
32	Frank Baker, services.....	208.33	109	E. Burgdorf, horse hire.....	63.00
33	W. B. Moses & Son, furniture.....	19.50	110	Z. D. Gilman, soap.....	.90
34	A. G. Linkins, services.....	33.75	111	Gedney & Roberts, printing.....	3.25
35	Chas. M. Reed, services.....	13.50	112	C. C. Carroll, food for animals.....	14.40
36	L. M. Cornwall, food for animals.....	46.31	113	W. C. Lewis & Co., lime and cement.....	18.40
37	B. W. Burdine, services.....	4.00	114	F. P. May & Co., hardware.....	68.90
38	J. W. Stuart, services.....	17.50	115	do.....	11.84
39	W. C. Weeden, services.....	35.05	116	Geo. W. Knox, freight.....	.50
40	N. S. Cook, services.....	22.50	117	J. Baumgarten & Son, brand.....	2.00
41	G. L. Snider, services.....	22.50	118	Thos. W. Smith, lumber.....	451.66
42	Wash. Nailor, horse and cab hire.....	32.70	119	H. O'Neil, cartage.....	4.00
43	H. O'Neil, cartage.....	4.00	120	J. Karr, clock.....	12.00
44	J. B. Grinder, services.....	20.00	121	Wash. Nailor, cab hire.....	62.75
45	L. H. Schneider's Son, hardware.....	1.85	122	Adams Express Co., freight.....	1.05
46	Capitol, North O street and South Washington Ry. Co., car tickets.....	10.00	123	S. D. Houck, harness.....	1.25
47	F. P. May & Co., hardware.....	4.05	124	United States Express Co., freight.....	1.10
48	C. C. Carroll, food for animals.....	24.00	125	Robt. Boyd, ladder.....	7.00
49	W. V. Kramer, services.....	25.00	126	P. Mann, hardware.....	2.65
50	H. P. Grigsby, services.....	25.00	127	do.....	109.22
51	Chas. M. Reed, services.....	18.00	128	Wyckoff, Seamans & Bro., type-writer ribbon.....	1.50
52	A. G. Linkins, services.....	18.00	129	Pay roll, services.....	388.83
53	F. A. Schmidt, drawing materials.....	6.44	130	do.....	990.61
54	Zebulon Lowe, disinfectant.....	32.45	131	S. P. Langley, travel.....	211.74
55	Edw. S. Schmid, food for animals.....	11.75	132	L. M. Cornwall, food for animals.....	32.53
56	Great Falls Ice Co., ice.....	4.38	133	E. H. Kirlin, lime.....	19.50
57	Geo. W. Knox, freight.....	.63	134	A. M. Cronk, ironwork.....	1.50
58	The Eastman Co., photo. paper.....	12.60	135	Howell & Greenough, surveys and maps.....	225.00
59	T. R. Mitchell, printing blanks.....	117.77	136	Libby, Bittinger & Miller, lumber.....	853.75
60	Pay roll, services.....	532.49	137	E. S. Schmid, food for animals.....	15.50
61	F. P. May & Co., hardware.....	29.60	138	F. R. Cooke, food for animals.....	20.66
62	L. M. Cornwall, food for animals.....	51.89	139	C. C. Carroll, food for animals.....	16.80
63	Pay roll, services.....	338.50	140	W. H. Butler, paints, etc.....	27.35
64	do.....	227.94	141	Pitney & Shannon, hardware.....	22.80
65	Wyckoff, Seamans & Bro., type-writer.....	118.00	142	The Hygienic Ice Co., ice.....	7.90
66	Julius Lansburgh, furniture.....	78.10	143	W. A. Penland & Co., board of horse.....	25.90
67	L. H. Schneider's Son, hardware.....	1.98	144	Jean Benizet, bear.....	50.00
68	Judd & Detweiler, printing blanks.....	25.00	145	Pay roll, services.....	490.15
69	Chas. A. Langley, cages.....	47.00	146	do.....	693.70
70	Edw. S. Schmid, food for animals.....	15.35	147	D. Barber, ironwork.....	4.45
71	Melville Lindsay, hose.....	8.80	148	J. Cooper, tin work.....	20.80
72	Pay roll, services.....	70.50	149	United States Express Co., freight.....	3.90
73	do.....	96.26	150	L. H. Schneider's Son, hardware.....	32.60
74	Jno. McDermott & Bro., wagon.....	125.00			
75	S. D. Houck, harness.....	52.00			
76	Washington city post-office, postage.....	10.00			
77	Frank Baker, travel.....	41.20			

Detailed list of vouchers for expenditures for National Zoological Park from April 30, 1890, to June 30, 1891—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
151	E. E. Jackson & Co., lumber	\$6. 93	223	Capitol, North O Street, and South	
152	F. P. May & Co., hardware	16. 83		Washington Rwy. Co., car tick-	
153	do	19. 47		ets	\$10. 00
154	L. H. Hopkins, hardware	8. 40	224	F. P. May & Co., hardware	7. 03
155	Thos. Somerville & Son, brass	. 75	225	do	26. 20
156	C. A. Schneider Sons, iron	4. 00	226	do	28. 39
157	Easton & Rupp, stationery	3. 00	227	F. P. May & Co., wheelbarrows	12. 00
158	Church & Stephenson, lumber	39. 71	228	F. P. May & Co., hardware	11. 05
159	Pay roll, services	759. 80	229	do	8. 45
160	do	540. 39	230	F. R. Cooke, food for animals	52. 89
161	John Hamlin, horseshoeing	1. 75	231	E. S. Schmid, food for animals	16. 45
162	D. Barber, ironwork	6. 65	232	do	15. 97
163	Pay roll, services	514. 65	233	P. H. Heiskell, jr., & Co., rakes	2. 40
164	do	1, 057. 22	234	Fred A. Schmidt drawing mate-	
165	Wm. C. Lewis & Co., cement	17. 20		rials	9. 75
166	S. S. Daish & Son, food for animals.	164. 26	235	do	3. 55
167	Geo. L. Sheriff, coal	9. 74	236	P. Mann & Co., hardware	29. 10
168	D. O. Munson, spruce and pine		237	Woodward & Lothrop, erasers	. 92
	trees	41. 00	238	Wm. H. Butler, paints, etc	15. 10
169	J. W. Collins, stonework	80. 47	239	do	12. 85
170	Fred Rice, services	40. 00	240	do	46. 35
171	Frank Baker, travel	7. 55	241	D. O. Munson, trees and shrubs	20. 50
172	A. B. Baker, travel	46. 65	242	do	55. 10
173	J. C. Parker, stationery	29. 30	243	D. N. Walford, pruning tools	4. 50
174	S. D. Houck, harness	23. 75	244	W. D. Brackenridge, trees and	
175	W. H. Penland & Co., board of			shrubs	49. 25
	horse	20. 00	245	E. E. Jackson & Co., lumber	306. 50
176	Bell Lithographing Co., map of		246	John Levi, services	12. 50
	park	30. 00	247	Ernest Cook, services	5. 00
177	D. J. Howell, surveys and maps	367. 00	248	Potomac Stone Company, stone	128. 40
178	F. P. May & Co., hardware	8. 73	249	Joseph Cooper, tinwork	147. 13
179	F. R. Cooke, food for animals	54. 56	250	Pay roll, services	111. 71
180	E. Burgdorf, horse hire	12. 00	251	do	1, 412. 16
181	The Hygienic Ice Co., ice	2. 92	252	do	623. 17
182	C. C. Carroll, food for animals	18. 00	253	C. Florence, services	14. 37
183	S. S. Daish & Son, food for animals.	69. 29	254	J. W. Collins, stonework	300. 00
184	John Hamlin, horseshoeing	1. 50	255	Frank D. Beall, services	20. 16
185	Royce & Marean, electric work	7. 60	256	P. Mann, hardware	52. 53
186	Chesapeake and Potomac Tele-		257	do	7. 20
	phone Co., telephone and rental	19. 13	258	Devereux & Gaghan, guttering	45. 00
187	Tschieffely & Evans, verdigris	. 20	259	Hygienic Ice Company, ice	2. 34
188	D. N. Walford, hardware	3. 00	260	A. M. McLachlen, gates, etc	15. 00
189	Jas. L. Barbour & Son, food for		261	Adams Express Company, freight	6. 60
	animals	69. 58	262	Hall & Cammack, stove	8. 75
190	Pay roll, services	675. 34	263	C. C. Carroll, food for animals	20. 40
191	do	1, 384. 59	264	Easton & Rupp, stationery	3. 68
192	J. W. Collins, stonework	150. 00	265	Capitol Hill Brick Company,	
193	E. B. Peirce, stonework	93. 49		bricks	160. 75
194	D. Barber, sharpening tools	2. 20	266	Geo. W. Knox, freight	3. 59
195	Newton & Albro, electrical work	66. 00	267	S. P. Langley, travel	15. 50
196	Wm. Smith, lime	20. 00	268	E. H. Kirlin, lime	10. 50
197	P. Corbey, food for animals	10. 50	269	J. D. Wilson, manure	50. 00
198	do	33. 32	270	E. H. Kirlin, lime	49. 80
199	E. H. Kirlin, lime	109. 25	271	J. W. Collins, stonework	31. 50
200	Wm. C. Lewis & Co., cement	75. 63	272	P. Corbey, food for animals	40. 07
201	do	43. 75	273	D. J. Howell, engineer and survey	
202	Bell Lithographing Co., photo-			work	459. 00
	graphs of park maps	75. 00	274	M. Hughes, services	3. 39
203	Duncanson Bros., bins	13. 25	275	do	9. 68
204	H. O'Neil, removing refuse	4. 00	276	G. L. Sheriff, coal	20. 39
205	The Eastman Co., bromide paper	20. 70	277	Wm. Wesley & Son, books	7. 38
206	J. H. Chesley & Co., hardware	. 20	278	Pay roll, services	664. 15
207	M. B. Jeffries, horse	175. 00	279	F. L. Olmsted & Co., export ser-	
208	Libbey, Bittinger, & Miller, lum-			ices	300. 00
	ber	936. 14	280	United States Express Co., freight	3. 25
209	Pay roll, services	621. 05	281	Pay roll, services	141. 59
210	Pitney & Shannon, hardware	57. 04	282	do	2, 571. 56
211	Pay roll, services	1 975. 52	283	H. O'Neil, removing refuse	4. 00
212	Frank Baker, travel	11. 15	284	Bell Lithographing Co., map of	
213	G. L. Sheriff, coal	4. 20		park	59. 00
214	Levy & Krey, desk	20. 00	285	John W. Collins, stonework	150. 00
215	Wm. H. Penland & Co., board of		286	Ferdinand Schmidt, sharpening	
	horse	28. 67		tools	8. 65
216	W. T. Weaver, blasting materials.	96. 47	287	Joseph Mace, cartage	3. 00
217	do	106. 20	288	R. F. Wright, services, making	
				model	60. 00
218	A. O. Wright, water buckets	1. 50		Church & Stephenson, lumber	42. 43
219	S. D. Houck, harness	9. 25	289	do	25. 71
220	Wm. Ballantyne & Son, stationery	7. 48	290	do	101. 21
221	do	2. 85	291	do	976. 17
222	G. W. Offutt, blasting materials	3. 00	292	do	

Detailed list of vouchers for expenditures for National Zoological Park from April 30, 1890, to June 30, 1891—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
293	Claiborne Smith, services	\$10.00	361	The Washington Post Co., advertising	\$12.21
294	Libbey, Bittinger & Miller, lumber	281.58			
295	R. C. Carter, services	37.00	362	The Washington Critic Co., advertising	5.95
296	K. Kneessi's Sons, hardware, etc.	29.00			
297	J. Blake Kendall, hard ware	48.23	363	H. Fisher, services	2.00
298	Brentano's, books	5.00	364	P. Corbey, food for animals	42.00
299	Mutual District Messenger Co., messenger service .....	.50	365	C., N. O., St. and S. W. Ry. Co., car tickets	10.00
300	Easton & Rupp, stationery	1.81	366	Johnson Bros., coal	13.90
301	E. S. Schmid, food for animals	18.05	367	C. C. Carroll, food for animals	18.40
302	F. R. Cooke, food for animals	57.90	368	Pay roll, services	699.87
303	Geo. Ryneal, jr., paints, etc.	20.34	369	D. J. Howell, engineer and survey work	366.00
304	W. T. Weaver, blasting materials	64.00			
305	Chesapeake and Potomac Telephone Co., telephone rental	40.24	370	Gedney & Roberts, stationery	7.61
306	E. M. Grinder, bricks	7.36	371	Leggatt Bros., books	57.30
307	J. L. Wortman, stationery	10.00	372	Adams Express Co., freight	56.90
308	T. R. Mitchell, printing	59.50	373	Pay roll, services	1,168.47
309	E. E. Jackson & Co., map case	80.00	374	The Jackson-Jones Co., lime and cement	43.25
310	F. P. May & Co., hardware	46.94	375	John W. Collins, stonework	163.80
311	John Hamlin, horseshoeing	3.00	376	W. Hardon, manure	37.50
312	J. T. Walker Sons, wool felt	9.60	377	E. H. Kirlin, lime and cement	58.75
313	Wm. H. Butler, paints, etc.	22.48	378	U. S. Express Co., freight	15.10
314	W. H. Harrover, iron pans	10.20	379	S. C. Carter, coal	281.00
315	E. G. Wheeler, leather straps	1.50	380	D. J. Howell, engineer and survey work	218.00
316	Wm. Forsyth, surveying	25.00	381	Judd & Detweiler, printing	4.00
317	E. O'Duffy, specimens	107.00	382	Nixon Brewer, food for animals	58.10
318	W. H. Penland & Co., board of horses	36.77	383	Easton & Rupp, stationery	2.66
319	Hygienic Ice Co., ice	1.75	384	J. L. Barbour & Son, sundry supplies	15.40
320	Pitney & Shannon, hardware	25.60			
321	J. W. Langdale, stove	3.00	385	John McDermott & Bro., repairing carriage	1.55
322	R. F. Wright, services	24.00			
323	Washington City post-office, postage stamps	10.00	386	M. W. Beveridge, hair sweep .....	.75
324	Pay roll, services	666.07	387	Royce & Marean, electrical work	5.75
325	Harold B. Stabler, freight .....	.35	388	Pay roll, services	705.65
326	C. C. Carroll, food for animals	20.60	389	H. Baumgarten, rubber stamps	1.00
327	Pay roll, services	1,925.80	390	L. H. Schneider's Son, hardware, etc	166.17
328	Ernest Cooke, services	3.71	391	Pay roll, services	1,193.04
329	John W. Collins, stonework	350.00	392	F. P. May & Co., hardware .....	.58
330	Belt & Dyer, lumber	108.00	393	John W. Collins, stonework	190.00
331	Victor Mindeleff, services as architect	150.00	394	do	210.20
332	E. H. Kirlin, lime	13.00	395	J. B. Lambie, pulleys .....	.46
333	Church & Stephenson, lumber	183.71	396	Matthew Myers, manure	75.00
334	Pay roll, services	707.65	397	George Drew & Son, concrete work	85.25
335	E. G. Wheeler, rope and blocks	13.63	398	Church & Stephenson, lumber	18.73
336	Pay roll services	61.34	399	do	69.78
337	do	1,046.94	400	do	52.97
338	John T. Springman, iron manhole	4.50	401	Albert Neil, removing refuse	4.00
339	K. Kneessi's Sons, halters, etc.	6.50	402	Joseph Mace, cartage	8.75
340	E. Burgdorf, hire of horse and carriage	19.00	403	Wyckoff, Seamans & Benedict, typewriter supplies	15.20
341	Hayward & Hutchinson, brush and wax	5.50	404	Ches. and Pot. Telephone Co., moving telephone	6.35
342	U. S. Express Co., freight	6.80	405	W. H. Harrover, copper tank	3.50
343	F. R. Cooke, food for animals	55.10	406	Wm. H. Penland & Co., board of horses	20.01
344	Adams Express Co., freight	6.80			
345	Thos. Somerville & Sons, terra cotta pipe	22.73	407	Richard Pettigrew, photographs	8.00
346	Hygienic Ice Co., ice	1.46	408	Adams Express Co., freight	1.85
347	W. T. Weaver, blasting materials, etc	45.01	409	The Hygienic Ice Co., ice .....	.73
348	Robt. Leitch & Sons, terra cotta pipe	5.85	410	Wm. H. Butler, paints, etc.	43.27
349	Wm. C. Lewis & Co., cement	75.00	411	G. L. Sherif, coal	35.54
350	John W. Collins, stonework	140.00	412	Edw. S. Schmid, food for animals	11.35
351	Julius E. Rettig, expert services	60.00	413	F. R. Cooke, food for animals	49.13
352	Baltimore and Ohio R. R. Co., freight	6.45	414	John H. Anderson, stove	5.00
353	Geo. M. Sothoron, condition powders	1.25	415	R. Carpenter, breaking stone	12.84
354	Walter F. Hewett, cement	88.00	416	W. T. Weaver, hardware, etc	101.76
355	G. L. Sheriff, coal	22.94	417	John Sanl, trees and shrubs	41.88
356	Church & Stephenson, lumber	366.01	418	Pay roll, services	731.67
357	Joseph Cooper, tinwork	20.00	419	R. S. Cole, seed	1.50
358	Arthur Hutchinson, services	5.00	420	W. H. Blackburne, travel	21.75
359	E. S. Schmid, food for animals	18.65	421	Pay roll, services	1,784.66
360	Wyckoff, Seamans & Benedict, typewriter	85.00	422	John W. Collins, stonework	102.00
			423	do	56.00
			424	J. L. Wortman, letter books	1.50
			425	S. S. Daish & Son, food for animals	101.42
			426	do	125.44

Detailed list of vouchers for expenditures for National Zoological Park from April 30, 1890, to June 30, 1891—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
427	Victor Mindeleff, services as architect	\$50.00	497	D. J. Howell, engineer and survey work	\$105.00
428	Washington Granite Co., granite	185.55	498	Edw. L. Dent, iron girders, etc.	44.96
429	Fred. A. Schmidt, drawing materials	7.33	499	Albert Neil, removing refuse	4.00
430	Wm. Ballantyne & Sons, sundry supplies	14.47	500	Washington Hydraulic Press Brick Co., brick	99.79
431	U. S. Express Co., freight	49.55	501	Wm. H. Butler, paints, etc.	23.72
432	Geo. Ryneal, jr., paints, etc.	2.76	502	Nixon Brewer, food for animals	131.40
433	John C. Parker, stationery	23.70	503	Hygienic Ice Co., ice	1.02
434	C. Becker, portfolio	6.50	504	James H. McGill, sand, etc.	11.45
435	P. H. Heiskell, jr. & Co., fertilizer	84.00	505	Pay roll, services	1,044.50
436	T. R. Mitchell, printing	45.75	506	Edward George, services	15.00
437	P. Mann, hardware	23.77	507	W. H. Blackburne, travel	15.70
438	C. A. Schneider's Son, hardware	129.58	508	Sansom & Martin, civet cat	5.00
439	F. P. May & Co., hardware	45.18	509	E. B. Lafferty, food for animals	32.17
440	James H. McGill, mortar, coloring, and sand	14.70	510	Church & Stevenson, lumber	302.21
441	Albert L. Pitney, hardware	24.72	511	Pay roll, services	885.65
442	F. R. Cooke, food for animals	61.53	512	do.	609.67
443	Easton & Rupp, stationery	.90	513	A. L. Pitney, hardware	100.44
444	E. H. Morsell, tools	1.45	514	C. R. Monroe, bricks	26.91
445	P. Corbey, food for animals	26.90	515	M. E. Lansdale, deer	25.00
446	Nixon Brewer, food for animals	72.76	516	J. T. Walker's Sons, roofing, felt, and laying	69.75
447	W. T. Weaver, hardware	21.01	517	Z. D. Gilman, sundry supplies	3.08
448	Thos. Somerville & Sons, terracotta pipe, etc.	17.67	518	P. H. Heiskell, jr., & Co., seed	8.00
449	E. S. Schmid, food for animals	11.53	519	John C. Parker, stationery	7.55
450	Geo. L. Sheriff, coal	22.27	520	P. Mann, hardware	21.37
451	Hugh Waters, bridge contract	512.00	521	Wm. Ballantyne & Sons, stationery	14.79
452	Herman Baumgarten, rubber stamps	5.50	522	Lansburg & Bro., towels	5.20
453	Pay roll, services	749.67	523	Adams Express Co., freight	11.45
454	do.	656.65	524	United States Express Co., freight	157.75
455	W. C. Morrison & Co., brick	18.00	525	E. H. Kirlin, cement	16.25
456	L. H. Schneider's Son, hardware	51.41	526	John W. Collins, stonework	259.35
457	Edward L. Dent, iron beams, etc.	275.53	527	Thos. Somerville & Sons, terracotta pipe	15.00
458	John W. Collins, stone work	166.50	528	Engineering News Publishing Company, advertising	2.60
459	do.	119.00	529	J. B. Kendall, hardware	16.40
460	John Hamlin, horseshoeing	3.00	530	R. H. Darby, posters	2.25
461	Church & Stephenson, lumber	37.97	531	Melville Lindsay, hose	6.40
462	B. Westermann & Co., books	2.68	532	F. P. May & Co., tools	171.60
463	Wm. H. Butler, paints, etc.	12.15	533	George G. Curtis, cedar posts	79.00
464	Chesapeake and Potomac Telephone Co., telephone rental	47.50	534	E. H. Kirlin, cement	16.25
465	A. W. Purinton, specimens	92.00	535	D. J. Howell, engineer and survey work	71.00
466	Sansom & Martin, civet cat	5.00	536	J. W. Magarity, chestnut poles	15.00
467	Peter Henderson & Co., seed	75.00	537	A. L. Pitney, hardware	52.02
468	J. F. Kelley, peccaries	58.67	538	Chas. G. Smith & Son, stone	20.00
469	Belt & Dyer, lumber	57.89	539	Childs & Sons, bricks	5.00
470	U. S. Express Co., freight	9.80	540	Fred. A. Schmidt, blue prints of plans	21.32
471	Adams Express Co., freight	6.40	541	W. T. Weaver, hardware	95.37
472	Smith & Wardwell, clock	.98	542	Washington Post Company, advertising	4.20
473	Mutual District Messenger Co., messenger service	.45	543	F. R. Cooke, food for animals	70.25
474	do.	.55	544	E. S. Schmid, food for animals	10.65
475	Pay roll, services	629.67	545	Nixon Brewer, food for animals	199.01
476	Edward Corbett, scales	152.00	546	M. F. Talty, gravel	6.00
477	L. R. Smith, services	10.63	547	Hygienic Ice Company, ice	2.49
478	Pay roll, services	914.01	548	C. N. O. St. and S. W. Ky. Co., car tickets	10.00
479	D. J. Howell, engineer and survey work	191.00	549	Pay roll, services	609.65
480	J. B. Kendall, iron, etc.	185.74	550	do.	937.07
481	E. H. Kirlin, lime and cement	29.30	551	C. E. Hoover, food for animals	47.20
482	J. W. Collins, stonework	119.00	552	Joseph Mace, cartage	10.50
483	do.	72.75	553	Sansom & Martin, civet cat	5.00
484	Hugh Waters, bridge contract	1,282.40	554	E. H. Kirlin, cement	18.90
485	Acker & Co., stonework	118.75	555	Washington Critic Company, advertising	4.50
486	Woodward & Lothrop, stationery	3.50	556	U. S. Express Company, freight	11.90
487	C. M. Bell, photographing	10.00	557	Adams Express Company, freight	25.15
488	E. H. Kirlin, cement	37.80	558	W. H. Butler, paints, etc.	9.13
489	Victor Mindeleff, services as architect	115.00	559	W. H. Verhooff, drawing materials	11.37
490	C. C. Carroll, food for animals	16.30	560	Louis P. Shoemaker, stone	139.00
491	E. S. Schmid, food for animals	13.69	561	Haldy & Richardson, contract animal house	2,300.00
492	F. R. Cooke, food for animals	63.90	562	The Evening Star Newspaper Company, advertising	5.63
493	W. T. Weaver, hardware	94.20	563	do.	5.36
494	J. W. Collins, stonework	66.75			
495	do.	73.30			
496	Pay roll, services	623.84			

Detailed list of vouchers for expenditures for National Zoölogical Park from April 30, 1890, to June 30, 1891—Continued.

No.	Items of expenditures.	Amount.	No.	Items of expenditures.	Amount.
564	B. J. Lynch, horseshoeing.....	\$7.00		Less disallowance in voucher— Continued. No. 251 \$0.63 No. 281 1.96 No. 337 1.00 No. 337 ..... .31	
565	T. R. Mitchell, printing.....	1.50			
566	H. H. Heiser, saddle and bridle...	36.50			
567	Pay roll, services.....	594.67			
568	Hugh Waters, contract bridge.....	500.00			
		68,609.02			\$50.86
	Less disallowance in voucher—			Total.....	68,558.16
	No. 172.....	\$46.65			
	No. 211.....	.31			