

EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

L E T T E R

FROM

THE SECRETARY OF THE SMITHSONIAN INSTITUTION,

TRANSMITTING

A detailed statement of the expenditures for the fiscal year ending June 30, 1892.

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

SMITHSONIAN INSTITUTION,
Washington, D. C., December 2, 1892.

SIR: I have the honor to submit herewith to Congress, in accordance with a provision in the sundry civil act of October 2, 1888, a detailed statement of the expenditures for the fiscal year ending June 30, 1892, under the appropriations for "International exchanges," the "National Museum," the "Astro-physical Observatory," the "National Zoölogical Park," "North American Ethnology," etc.

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.

MEMORANDUM OF THE SECRETARY OF THE INTERIOR

LETTER

THE SECRETARY OF THE INTERIOR

TO THE HONORABLE SECRETARY OF THE INTERIOR

RE: [Illegible]

[Illegible]

[Illegible]

Hon. Charles S. Gurnea
Secretary of the Interior

DETAILED STATEMENT OF EXPENDITURES FROM APPROPRIATIONS COMMITTED BY CONGRESS TO THE CARE OF THE SMITHSONIAN INSTITUTION FOR THE FISCAL YEAR ENDING JUNE 30, 1892.

INTERNATIONAL EXCHANGES.

Appropriation by Congress for the fiscal year ending June 30, 1892, "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 employés." (Sundry civil act, March 3, 1891.)----- \$17,000.00

Expenditures from July 1, 1891, to June 30, 1892.

Salaries or compensation :

1 curator, 3 months, at \$208.33; 9 months, at \$225-----	\$2,649.99
1 clerk, 12 months, at \$160-----	1,920.00
1 clerk, 12 months, at \$120-----	1,440.00
1 clerk, 12 months, at \$85-----	1,020.00
1 clerk, 12 months, at \$80-----	960.00
1 clerk, 12 months, at \$75-----	900.00
1 clerk, 12 months, at \$75-----	900.00
1 clerk, 12 months, at \$65-----	780.00
1 stenographer, 12 months, at \$45-----	540.00
1 clerk, 7 months, at \$15; 1 copyist, 5 months, at \$40--	515.00
1 copyist, 11 months and 8 days, at \$40-----	450.32
1 packer, 12 months, at \$75-----	900.00
1 packer, 12 months, at \$50-----	600.00
1 packer, 3 days, at \$1.50-----	4.50
1 laborer, 5 months, at \$50-----	250.00
1 laborer, 7 months, at \$35-----	245.00

Total salaries or compensation----- 14,074.81

General expenses :

Freight and cartage-----	1,772.01
Packing boxes-----	563.05
Printing and binding-----	103.00
Postage-----	164.17
Stationery and supplies-----	322.96

2,925.19

Total expenditures international exchanges----- 17,000.00

Detailed list of vouchers for expenditures for International exchanges, Smithsonian Institution, 1892, from July 1, 1891, to June 30, 1892.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Pay roll (one-half July), services	\$470.32	54	Barber & Co., freight	\$7.92
2	Washington City post-office, postage	30.00	55	do	6.62
3	Wm. C. Winlock, services	208.33	56	Wm. C. Winlock, services	225.00
4	Pay roll (one-half July), services	480.00	57	Pay roll (one-half October), services	480.00
5	Oelrichs & Co., freight	6.64	58	Paul F. Gerhard & Co., freight	16.17
6	Pay roll (one-half August), services	480.00	59	Pay roll (one-half November), services	480.00
7	J. H. Thiemeyer & Co., packing boxes	186.50	60	Oelrichs & Co., freight	3.60
8	Barber & Co., freight	6.18	61	B. Westermann & Co., freight	2.25
9	W. H. Lowdermilk & Co., stationery and supplies	18.90	62	Rowland A. Robbins, stationery and supplies	6.00
10	John E. Melson, services	4.50	63	Easton & Rupp, stationery and supplies	5.19
11	Barber & Co., freight	6.18	64	Wm. C. Winlock, services	225.00
12	Paul F. Gerhard & Co., freight	12.00	65	Pay roll (one-half November), services	480.00
13	Pay roll (one-half August), services	460.00	66	Carter, Rice & Co., stationery and supplies	27.95
14	Wm. C. Winlock, services	208.33	67	Adams Express Co., freight	2.45
15	Adams Express Co., freight	2.35	68	Geo. W. Knox, freight	119.81
16	People's Despatch and Transfer Co., freight	22.03	69	T. R. Mitchell, printing and binding	26.25
17	Paul F. Gerhard & Co., freight	5.00	70	People's Despatch and Transfer Co., freight	18.32
18	Oelrichs & Co., freight	23.84	71	Washington City post-office, postage	30.00
19	Pay roll (one-half September), services	480.00	72	Oelrichs & Co., freight	13.77
20	Washington City post-office, postage	30.00	73	Pay roll (one-half December), services	475.00
21	Barber & Co., freight	6.20	74	Library Bureau, stationery and supplies	53.69
22	Pay roll (one-half September), services	480.00	75	Barber & Co., freight	24.30
23	Wm. C. Winlock, services	208.33	76	James Rankine, freight	3.00
24	Geo. W. Knox, freight	21.04	77	T. R. Mitchell, printing and binding	2.50
25	A. Schumacher & Co., freight	23.33	78	J. F. W. Dorman & Co., stationery and supplies	1.25
26	Paul F. Gerhard & Co., freight	5.50	79	Judd & Detweiler, printing and binding	6.00
27	Barber & Co., freight	6.17	80	N. Y. Transfer Co., freight	30.00
28	Gedney & Roberts, printing and binding	9.50	81	Gedney & Roberts, printing and binding	15.00
29	T. R. Mitchell, printing and binding	5.00	82	Wm. Wesley & Son, freight, postage, etc	155.33
30	Wyckoff, Seamans & Benedict, stationery and supplies	1.10	83	Wm. C. Winlock, services	225.00
31	W. H. Butler, stationery and supplies	1.00	84	Pay roll (one-half December), services	475.00
32	Pay roll (one-half October), services	480.00	85	J. H. Thiemeyer & Co., packing boxes	250.00
33	George Maier, printing and binding	3.50	86	George F. Lasher, stationery and supplies	2.50
34	Z. D. Gilman, stationery and supplies	1.50	87	Geo. W. Knox, freight	85.37
35	Easton & Rupp, stationers and supplies	40.88	88	William Ballantyne & Sons, freight	45.69
36	J. F. W. Dorman & Co., stationery and supplies	4.50	89	Adams Express Co., freight	1.30
37	Sampson, Murdoch & Co., stationery and supplies	5.00	90	F. P. May & Co., stationery and supplies	5.65
38	Rowland A. Robbins, stationery and supplies	3.80	91	The International Express, freight	20.50
39	The White Corbin & Co., stationery and supplies	10.50	92	Oelrichs & Co., freight	5.93
40	F. P. May & Co., stationery and supplies	.40	93	do	5.50
41	People's Despatch and Transfer Co., freight	53.89	94	A. Schumacher & Co., freight	12.70
42	Oelrichs & Co., freight	3.93	95	Easton & Rupp, stationery and supplies	1.69
43	do	2.50	96	Church & Stephenson, stationery and supplies	3.58
44	Judd & Detweiler, printing and binding	6.00	97	Pay roll (one-half January), services	475.00
45	T. R. Mitchell, printing and binding	3.75	98	Barber & Co., freight	16.66
46	U. S. Express Co., freight	1.25	99	Oelrichs & Co., freight	12.71
47	do	1.50	100	L. H. Schneider's Son, stationery and supplies	1.85
48	Adams Express Co., freight	11.00	101	W. Andrew Boyd, stationery and supplies	5.00
49	Geo. W. Knox, freight	65.60	102	N. Y. Transfer Co., freight	31.25
50	do	74.98	103	J. Baumgarten & Son, stationery and supplies	4.00
51	The Morris European and American Express Co., freight	3.00	104	Wm. C. Winlock, services	225.00
52	W. H. Harrover, stationery and supplies	2.25	105	Pay roll (one-half January), services	475.00
53	Paul F. Gerhard & Co., freight	4.00	106	Geo. W. Knox, freight	101.93

Detailed list of vouchers for expenditures for International exchanges, etc.—Cont'd.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
107	Washington City post-office, postage	\$30.00	148	George W. Knox Express, freight	\$87.98
108	Gedney & Roberts, printing and binding	10.00	149	Barber & Co., freight	13.36
109	A. Schumacher & Co., freight	30.03	150	Paul F. Gerhard & Co., freight	6.04
110	Barber & Co., freight	6.15	151	Pay roll (one-half May), services	475.00
111	Wm. Ballantyne & Sons, stationery and supplies	22.14	152	Oelrichs & Co., freight	7.43
112	Easton & Rupp, stationery and supplies	.63	153	do	16.25
113	Oelrichs & Co., freight	2.35	154	Barber & Co., freight	6.68
114	N. Y. Transfer Co., freight	19.00	155	J. H. Thlemeyer & Co., packing boxes	110.50
115	Oelrichs & Co., freight	5.75	156	Oelrichs & Co., freight	2.48
116	Paul F. Gerhard & Co., freight	6.04	157	Judd & Deweller, printing and binding	6.00
117	Pay roll (one-half February), services	475.00	158	T. R. Mitchell, printing and binding	1.50
118	Adams Express Co., freight	2.60	159	Easton & Rupp, stationery and supplies	1.69
119	N. Y. Transfer Co., freight	26.50	160	Wm. Ballantyne & Sons, stationery and supplies	3.70
120	Oelrichs & Co., freight	3.94	161	Oelrichs & Co., freight	4.00
121	Barber & Co., freight	6.15	162	Barber & Co., freight	6.68
122	Wm. C. Winlock, services	225.00	163	Rowland A. Robbins, stationery and supplies	5.58
123	Pay roll (one-half February), services	475.00	164	Wm. C. Winlock, services	225.00
124	Easton & Rupp, stationery and supplies	2.77	165	Pay roll (one-half May), services	475.00
125	George Ryneal, jr., stationery and supplies	.53	166	Washington City post-office, postage	10.00
126	Wyckoff, Seamans & Benedict, stationery and supplies	.65	167	George Maier, printing and binding	1.00
127	Oelrichs & Co., freight	2.90	168	Pay roll (one-half June), services	475.00
128	Pay roll (one-half March), services	475.00	169	A. Schumacher & Co., freight	46.32
129	Geo. W. Knox, freight	75.33	170	N. Y. Transfer Co., freight	34.75
130	N. Y. Transfer Co., freight	20.25	171	W. F. Roberts, printing and binding	5.00
131	Oelrichs & Co., freight	2.78	172	Oelrichs & Co., freight	6.00
132	do	7.50	173	do	6.53
133	Barber & Co., freight	6.68	174	do	2.43
134	Wm. C. Winlock, services	225.00	175	Barber & Co., freight	6.68
135	Pay roll (one-half March), services	475.00	176	Wm. Hahn & Co., packing boxes	5.40
136	Oelrichs & Co., freight	3.65	177	Geo. W. Knox Express, freight	92.93
137	T. R. Mitchell, printing and binding	2.00	178	F. P. May & Co., stationery and supplies	2.75
138	Barber & Co., freight	6.68	179	Z. D. Gilman, stationery and supplies	1.50
139	Oelrichs & Co., freight	2.43	180	Carter, Rice & Co., stationery and supplies	27.15
140	Pay roll (one-half April), services	475.00	181	N. Y. Transfer Co., freight	22.54
141	Washington City post-office, postage	15.00	182	Oelrichs & Co., freight	4.85
142	Oelrichs & Co., freight	4.00	183	Wm. C. Winlock, services	225.00
143	Wm. C. Winlock, services	225.00	184	Pay roll (one-half June), services	475.00
144	Pay roll (one-half April), services	475.00	185	Geo. W. Knox Express, freight	23.56
145	U. S. Express Co., freight	2.85		Total disbursements	17,000.00
146	N. Y. Transfer Co., freight	51.09			
147	Estate of George W. Knox, freight	35.19			

NORTH AMERICAN ETHNOLOGY.

Appropriation by Congress for the fiscal year ending June 30, 1892, "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 March 3, 1891)	\$50,000.00
Balance July 1, 1891, as per last annual report	12,774.24

62,774.24

The actual conduct of these investigations has been continued by the Secretary in the hands of Maj. J. W. Powell, Director of the U. S. Geological Survey.

Expenditures July 1, 1891, to June 30, 1892.

Salaries or compensation:

1 ethnologist, at \$3,000 per annum, 11 months	\$2,750.00
1 ethnologist, at \$3,000 per annum	3,000.00
2 ethnologists, at \$2,400 per annum	4,800.00
1 ethnologist, at \$2,000 per annum	1,999.92
1 ethnologist, at \$1,800 per annum	1,800.00
1 archæologist, at \$2,600 per annum	2,599.92
1 assistant archæologist, at \$1,200 per annum	1,200.00
1 assistant archæologist, at \$1,500 per annum	1,500.00
1 assistant ethnologist, at \$1,800 per annum 1 month	150.00
1 assistant ethnologist, at \$1,800 per annum, 2 months	300.00
1 assistant ethnologist, at \$1,600 per annum, 10 months	1,333.30
1 assistant ethnologist, at \$1,800 per annum, 5 months	750.00
1 assistant ethnologist, at \$1,400 per annum, 9 months	1,049.94
1 assistant ethnologist, at \$1,200 per annum, 11 months	1,100.00
1 assistant ethnologist, at \$900 per annum	900.00
1 assistant ethnologist, at \$900 per annum, 2 months 15 days	187.50
1 assistant ethnologist, at \$600 per annum, 2 months 7½ days	115.00
1 stenographer, at \$1,500 per annum	1,500.00
1 clerk, at \$1,200 per annum, 11 months	1,100.00
1 clerk, at \$1,200 per annum	1,200.00
2 clerks, at \$720 per annum	1,440.00
1 copyist, at \$1,000 per annum	999.96
1 copyist, at \$840 per annum	840.00
1 copyist, at \$600 per annum, 1 month	50.00
1 modeller, at \$720 per annum	720.00
1 modeller, at \$720 per annum, 5 months 21 days	340.65
1 messenger, at \$600 per annum, 9 months	450.00
1 messenger, at \$600 per annum, 2 months 23 days	138.33
1 laborer, at \$600 per annum, 7 months	350.00
1 laborer, at \$600 per annum, 5 months 28 days	295.16
Unclassified or special jobs, etc	1,600.65

Total salaries or compensation \$36,560.33

Miscellaneous:

Travelling expenses	3,660.05
Transportation	963.69
Field subsistence	719.20
Field expenses	1,675.25
Field material	166.19
Freight	380.55
Supplies	1,867.98
Stationery	80.38
Office furniture	138.25
Publications	566.63
Drawings	908.77
Laboratory supplies	27.80
Repairs	51.11

11,205.85

47,766.18

Balance July 1, 1892

15,008.06

Expenditures re-classified by subject-matter.

Sign language and picture writing	4,732.40
Explorations of mounds	4,342.13
Researches in archæology	14,561.15
Researches, languages of North American Indians	14,660.21
Salaries in office of Director	3,678.29

EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

7

Expenditures re-classified by subject-matter—Continued.

Illustrations for reports.....	\$1,338.21	
Researches among Pueblos.....	2,560.20	
Contingent expenses.....	1,673.52	
		\$47,596.11
Bonded railroad accounts settled by Treasury.....		170.07
Total expenditures, North American ethnology.....		47,766.18
Balance July 1, 1892.....		15,008.06

APPROPRIATION FOR ETHNOLOGIC RESEARCHES.

Abstract of disbursements made by John D. McChesney, disbursing agent, Bureau of Ethnology, during the fiscal year ending June 30, 1892.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	W. H. Holmes, traveling expenses.....	\$17.35	36	F. H. Cushing, services.....	\$50.00
2	John Cumberland & Son, hire of boat.....	40.00	37	U. S. Express Co., freight.....	8.05
3	Wm. Dinwiddie, travelling expenses.....	34.71	38	do.....	5.00
4	W. H. Holmes, travelling expenses.....	21.61	39	W. H. Holmes, travelling expenses.....	15.85
5	M. C. Stevenson, travelling expenses.....	23.75	40	J. B. Hammond, catalogue card case.....	65.00
6	Adams Express Co., freight.....	8.00	41	Wm. H. Holmes, field expenses.....	13.50
7	M. W. Beveridge, camp outfit.....	10.92	42	H. Baumgarten, hand stamp.....	1.00
8	W. B. Moses & Sons, stepladders.....	8.00	43	Gerard Fowke, services.....	100.00
9	W. B. Moses & Sons, supplies.....	.50	44	M. C. Stevenson, services.....	100.00
10	W. H. Lowdermilk & Co., publications.....	53.60	45	Pay roll, services.....	1,531.65
11	W. H. Morrison, publications.....	43.35	46	do.....	395.00
12	Gerard Fowke, travelling expenses.....	77.20	47	James Mooney, services.....	133.53
13	W. H. Holmes, travelling expenses.....	25.09	48	V. Deebie, services.....	50.00
14	Mary Irvin Wright, original drawings.....	45.00	49	E. E. Jackson & Co., supplies.....	15.72
15	Jas. K. Cleary, laboratory supplies.....	2.80	50	Gerard Fowke, travelling expenses.....	48.55
16	Wm. Dinwiddie, travelling expenses.....	58.18	51	W. H. Holmes, travelling expenses.....	19.50
17	Gerard Fowke, services.....	100.00	52	F. W. Wright, travelling expenses.....	29.37
18	H. W. Henshaw, services.....	250.00	53	Cyrus Thomas, travelling expenses.....	30.87
19	W. H. Holmes, travelling expenses.....	11.85	54	Baltimore and Ohio R. R. Co., transportation.....	29.50
20	Geo. Ryneal, jr., supplies.....	1.50	55	Ohio and Mississippi, R. R. Co., transportation.....	15.50
21	Mary M. Mitchell, drawings.....	50.00	56	Franz Boas, services.....	150.00
22	M. C. Stevenson, services.....	100.00	57	Adams Express Co., freight.....	.70
23	Pay roll, services.....	395.00	58	Z. D. Gilman, alcohol.....	2.40
24	do.....	1,948.31	59	M. C. Stevenson, services.....	100.00
25	J. Curtin, services.....	150.00	60	Pay roll, services.....	1,854.98
26	Geo. Ryneal, jr., supplies.....	8.41	61	do.....	357.50
27	E. J. Pullman, repairs.....	12.25	62	do.....	110.00
28	Mead & Jackson, tape line.....	2.25	63	Wash B. Williams, supplies.....	7.75
29	Wm. Dinwiddie, travelling expenses.....	68.98	64	W. H. Holmes, travelling expenses.....	8.53
30	Gerard Fowke, travelling expenses.....	100.50	65	Pennsylvania R. R. Co., transportation.....	8.60
31	Adams Express Co., freight.....	9.75	66	John C. Parker, supplies.....	12.00
32	Franz Boas, services.....	150.00	67	Pittsburg, Cincinnati, Chicago and St. Louis R. R. Co., transportation.....	8.30
33	Wm. Dinwiddie, travelling expenses.....	47.08	68	E. Morrison, supplies.....	.64
34	Robt. Boyd, supplies.....	11.70	69	Chas. G. Stott & Co., supplies.....	.75
35	Robt. Boyd, office furniture.....	.25	70	Wm. Dinwiddie, travelling expenses.....	53.7
			71	John C. Parker, supplies.....	3.61
	Total disbursements North American Ethnology, by John D. McChesney...				9,524.24

Abstract of disbursements made by Cosmos Mindeleff, special disbursing agent, from appropriation for ethnologic researches.

No.	Items of expenditure.	Amount	No.	Items of expenditure.	Amount.
1	C. W. Greenleaf, agent, freight.	\$87.85	55	Jno. R. Hendricks, forage	\$13.32
2	E. G. André, saddlery	62.25	56	Almer Childers, services	70.00
3	E. W. Winters, saddlery	8.75	57	Jeff Hunt, services	50.00
4	C. M. Halett, drayage	2.00	58	Jas. R. Hance, forage	11.61
5	Tantant & Kellner, field supplies.	101.27	59	Nathaniel Sharp, forage	12.40
6	do.	10.50	60	Jas. R. Hance, subsistence, forage, etc.	42.36
7	J. A. Marshall, field supplies	7.60	61	W. G. Wingfield, subsistence, forage, etc.	1.20
8	A. E. Robertson, field supplies	3.75	62	Chas. Ryall, subsistence, forage, etc.	8.58
9	Baltz & Co. subsistence	2.11	63	John I. Marchmont, forage	12.90
10	Tulbert & Ming, saddlery	66.65	64	Wm. Zent, field expenses	70.19
11	Geo. H. N. Luhrs, forage	13.26	65	Chas. B. Eaman, subsistence	48.47
12	Henry E. Kemp & Co., field material	67.75	66	Hattie M. Eaman, field expenses	20.50
13	Geo. Juhl, forage	14.47	67	John L. Sievers, services and field expenses	94.72
14	B. Mets, forage	1.72	68	Jeff Hunt, services	50.00
15	D. C. Stevens, forage	4.35	69	John Davis, forage	2.43
16	W. Zent, field expenses	21.29	70	Samuel Hill, field material	3.10
17	Jno. G. Hammond, services	14.19	71	John Davis, field material	8.00
18	Almer Childers, services	27.09	72	J. I. Gardner, subsistence and forage	94.63
19	John A. Braddock, forage	18.82	73	John Davis, forage	12.33
20	Jeff Hunt, services	9.67	74	J. H. Hanson, subsistence	3.00
21	J. M. Lile, subsistence	5.65	75	O. F. Rebendale, agent, express	7.88
22	Thos. Stanfield, subsistence	1.90	76	Lee Ham, services	56.61
23	Shields & Price, subsistence	2.25	77	Jeff Hunt, services	29.03
24	Cosmos Mindeleff, travelling expenses	191.35	78	W. S. Head, subsistence	26.80
25	W. C. Smith & Co., forage, etc.	28.33	79	Jas. R. Hance, services and field expenses	75.77
26	A. J. Denier, field material	2.75	80	Chas. B. Eaman, forage and field expenses	10.00
27	Thos. Stanfield, subsistence	2.10	81	Chas. Norwood, field expenses	7.85
28	J. A. Broadbeck, subsistence	27.30	82	Eliza Davidson, subsistence	10.50
29	Wildman & Co., forage	17.82	83	A. J. Randall, services	105.00
30	Almer Childers, services	70.00	84	Wm. Schraeder, forage	5.00
31	Jeff Hunt, services	50.00	85	D. W. Learcy, forage	30.00
32	J. G. Hammond, services	42.85	86	W. B. Snyder, services	50.00
33	Lung Ching, subsistence	2.65	87	Riley Casner, subsistence and forage	16.60
34	R. G. André, saddlery	6.25	88	Henry Mehrens, field expenses	21.25
35	Tantant & Kellner, subsistence	92.75	89	John D. Lay, field expenses	68.65
36	J. A. Marshall, field expenses	6.80	90	Samuel Rendle, services	45.33
37	D. H. Burtis & Co., field supplies	7.90	91	R. Thomas, agent, express	2.00
38	W. Zent, field expenses	60.00	92	D. E. Dumas, services	26.00
39	H. C. Yeager, field expenses	9.50	93	E. Sincox, field expenses	65.00
40	W. Wilson & Halbert, subsistence	1.50	94	Samuel S. Burt, field expenses	50.00
41	J. H. Wood, forage	13.81	95	W. S. Head, subsistence	5.70
42	W. F. McNeil, forage	19.19	96	Charles Ryall, subsistence	9.76
43	J. W. Hudson, forage	14.00	97	Cosmos Mindeleff, travelling expenses	165.00
44	H. R. Wilson, subsistence	5.80	98	C. A. Garlick, services	27.15
45	Almer Childers, services	70.00	99	H. C. Rizer, travelling expenses	153.78
46	F. B. Gabbert, services	24.10	100	George Ryneal, jr., drawing material	28.88
47	Jeff Hunt, services	50.00			
48	F. J. Sweat, forage	5.00			
49	Chas. P. Wingfield, forage	30.18			
50	J. N. Vaughn, forage	5.50			
51	Samuel Smith, forage	5.15			
52	C. W. Tolson, subsistence	6.00			
53	W. Zent, field expenses	60.00			
54	F. B. Gabbert, services	25.00			
Total disbursements, North American Ethnology, by Cosmos Mindeleff					5,330.00

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from appropriation North American Ethnology during the fiscal year ending June 30, 1892.

1	Wm. Dinwiddie, travelling expenses	\$10.90	11	Gerard Fowke, salary	\$100.00
2	Gerard Fowke, travelling expenses	92.75	12	L. G. Andrews, salary	14.00
3	do	62.20	13	Mary I. Wright, drawings	23.40
4	Franz Boas, field expenses	16.50	14	Sackett & Wilhelms Litho. Co. maps	90.92
5	Franz Boas, travelling expenses	176.45	15	M. C. Stevenson, field expenses	197.86
6	do	152.35	16	M. C. Stevenson, travelling expenses	32.75
7	E. J. Pullman, supplies	87.55	17	H. W. Henshaw, salary	500.00
8	Mary I. Wright, drawings	33.50	18	Wm. Dinwiddie, travelling expenses	52.77
9	Wm. Dinwiddie, travelling expenses	53.47	19	Gerard Fowke, travelling expenses	39.15
10	W. H. Holmes, travelling expenses	29.75	20	W. H. Holmes, services	104.84

Abstract of disbursements made by William W. Karr, disbursing clerk—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
21	Wm. Dinwiddie, travelling expenses	\$57.88	79	M. C. Stevenson, services	\$100.00
22	New York, Lake Erie & Western R. R. Co., transportation	15.25	80	Geo. W. Knox, freight	9.50
23	Baltimore & Ohio R. R. Co. transportation	56.40	81	Mary M. Mitchell, drawings	43.50
24	do	14.00	82	Gerard Fowke, travelling expenses	107.30
25	Geo. Ryneal jr., supplies	11.63	83	Wm. Dinwiddie, travelling expenses	12.46
26	Adams Express Co., freight	129.95	84	Mary I. Wright, drawings	72.00
27	Henry A. Clarke & Son, supplies	281.00	85	Chas. Gaulon, sr., publications	10.49
28	B. Westermann & Co., publications	16.65	86	F. M. Draney, transportation	28.00
29	Gerard Fowke, services	100.00	87	Cyrus Thomas, travelling expenses	85.19
30	Geo. Ryneal, jr., supplies	21.06	88	Pay roll, services	90.65
31	Wm. Wesley & Son, publications	45.56	89	do	320.00
32	Cyrus Thomas, travelling expenses	14.50	90	do	1,938.31
33	F. H. Cushing, services	150.00	91	Mary M. Mitchell, drawings	30.00
34	W. B. Moses & Sons, office furniture	73.00	92	E. J. Pullman, supplies	22.84
35	D. D. Graham, field expenses	39.79	93	M. W. Beveridge, field material	6.28
36	D. D. Graham, supplies	25.00	94	V. Deeble, services	50.00
37	M. C. Stevenson, services	100.00	95	H. H. Ballard, klips	1.00
38	Pay roll, services	320.00	96	E. J. Post & Co., supplies	5.55
39	do	110.00	97	Pennsylvania R. R. Co., transportation	37.95
40	do	1,866.80	98	W. H. Holmes, travelling expenses	5.64
41	U. S. Express Co., freight	7.90	99	H. W. Henshaw, salary	250.00
42	Mary M. Mitchell, drawings	18.00	100	Royce & Marean, supplies	11.08
43	W. H. Holmes, travelling expenses	81.80	101	G. E. Kirtland, services	13.00
44	Wm. Dinwiddie, travelling expenses	12.20	102	Zuni Lumber Co., lumber	20.75
45	do	22.16	103	Stephenson's Express, freight	12.82
46	Atlantic & Pacific R. R. Co., transportation	17.50	104	L. W. Sherman, supplies	3.00
47	F. M. Draney, field transportation	30.00	105	John C. Parker, supplies	5.00
48	M. C. Stevenson, field expenses	44.25	106	C. R. Taylor, supplies	10.00
49	Wm. D. Castle, galvanized iron tank	3.00	107	Albert S. Gatschet, services	4.00
50	Gerard Fowke, travelling expenses	126.95	108	U. S. Express Co., freight	3.20
51	Baltimore & Ohio Southwestern R. R. Co., transportation	14.00	109	G. E. Kirtland, services	42.00
52	Wm. Dinwiddie, travelling expenses	27.60	110	V. Deeble, services	50.00
53	Ohio & Mississippi R. R. Co., transportation	20.25	111	Achison, Topeka and Santa Fe R. R. Co., transportation	38.95
54	F. M. Draney, hire of horse and wagon	16.00	112	Pittsburg, Cincinnati, Chicago and St. Louis R. R. Co., transportation	13.30
55	Wyckoff, Seamans & Benedict, repairs	32.00	113	Pennsylvania R. R. Co., transportation	23.90
56	John Cumberland & Son, transportation	9.00	114	L. S. Hayden, publications	7.10
57	Wm. E. Uptegrove & Bro., holly board	31.71	115	L. H. Schneider's Son, supplies	4.00
58	Chas. G. Stott & Co., holly board	2.50	116	Robert Boyd, supplies	6.10
59	E. J. Pullman, supplies	42.95	117	E. W. Nash, publications	2.50
60	Wm. Dinwiddie, travelling expenses	7.70	118	M. C. Stevenson, field expenses	179.85
61	Pay roll, services	1,938.31	119	Pay roll, services	275.16
62	do	320.00	120	do	2,028.31
63	do	110.00	121	M. C. Stevenson, services	100.00
64	A. Deeble, services	50.00	122	E. J. Pullman, photo supplies	49.72
65	do	50.00	123	W. H. Holmes, services	10.50
66	Geo. Ryneal, jr., supplies	20.13	124	Gerard Fowke, travelling expenses	31.00
67	J. S. Topham, portfolios	8.00	125	do	61.21
68	Pennsylvania R. R. Co., transportation	22.70	126	Gerard Fowke, services	100.00
69	do	2.70	127	W. H. Holmes, field expenses	21.00
70	Adams Express Co., freight	8.45	128	Robert Beall, publications	33.75
71	St. Louis and San Francisco R. R. Co., transportation	19.50	129	Cyrus Thomas, services	200.00
72	L. H. Schneider's Son, supplies	14.29	130	Chicago, Milwaukee and St. Paul R. R. Co., transportation	8.68
73	Baltimore & Ohio, and Southwestern R. R. Co., transportation	12.80	131	Adams Express Co., freight	24.95
74	E. E. Jackson & Co., supplies	34.62	132	Mary M. Mitchell, drawings	46.50
75	John C. Parker, dictionary stand	5.00	133	G. E. Kirtland, services	60.00
76	Baltimore & Ohio R. R. Co., transportation	71.05	134	F. Schopf, supplies	1.70
77	Grunsfeld & Co., supplies	39.98	135	F. E. White, services	10.00
78	W. D. Doremus, hand stamp	.75	136	W. D. Doremus, services	.75
			137	Chas. Scribner's Sons, publications	12.86
			138	Wyckoff, Seamans & Benedict, repairs	6.86
			139	S. N. Tucker, numbering stamp	15.00
			140	E. E. Jackson & Co., supplies	19.50
			141	Geo. Ryneal, jr., supplies	38.08
			142	L. S. Hayden, publications	17.25
			143	Gustav E. Stechert, publications	61.75
			144	do	45.65

Abstract of disbursements made by William W. Karr, disbursing clerk—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
145	James Mooney, travelling expenses	\$334.89	200	Pay roll, services	\$653.33
146	J. Owen Dorsey, travelling expenses	145.25	201	do	2,241.64
147	Pay roll, services	550.00	202	Mary I. Wright, drawings	79.00
148	do	2,241.64	203	Baltimore and Ohio R. R. Co., transportation	23.75
149	James Mooney, services	400.00	204	Richmond and Danville R. R. Co., transportation	27.50
150	Mary I. Wright, drawings	64.00	205	Chas. A. Muddiman, field supplies	6.10
151	Gustav E. Stecher, publications	27.75	206	Gerard Fowke, services	100.00
152	E. A. Brockhaus, publications	11.52	207	Atlantic and Pacific R. R. Co., transportation	18.90
153	Mary M. Mitchell, drawings	47.50	208	Robt. Beall, publications	17.75
154	Fremont, Elkhorn & Missouri Valley R. R. Co., transportation	52.49	209	J. E. Hurley, field supplies	5.64
155	The Evansville & Terre Haute R. R. Co., transportation	17.15	210	J. S. Topham, field supplies	3.75
156	S. N. Tucker, stamp	.75	211	M. G. Copeland, field supplies	9.00
157	G. E. Kirtland, services	55.20	212	Mary M. Mitchell, drawings	45.50
158	E. E. Jackson & Co., supplies	16.50	213	Wm. Dinwiddie, travelling expenses	178.13
159	W. J. Hoffman, services	17.00	214	E. J. Pullman, supplies	10.68
160	do	15.75	215	J. S. Topham, instrument case	25.00
161	Z. D. Gilman, supplies	11.90	216	Melville Lindsay, field expenses	4.50
162	E. J. Pullman, supplies	86.74	217	U. S. Express Co., freight	3.90
163	Rob't Beall, publications	14.50	218	Z. D. Gilman, supplies	266.93
164	Geo. W. Knox, freight	.50	219	The M. Ohmer's Sons Co., supplies	56.60
165	D. D. Graham, field transportation	21.00	220	Adams Express Co., freight	29.25
166	D. D. Graham, supplies	2.95	221	Atchison, Topeka and Santa Fe R. R. Co., transportation	54.30
167	V. Deeble, services	50.00	222	L. H. Schneider's Son, supplies	5.78
168	do	50.00	223	Geo. Ryneal, jr., supplies	15.52
169	E. Muylbridge, publications	100.00	224	L. S. Hayden, publications	4.00
170	W. H. Lowdermilk & Co., publications	5.90	225	G. E. Kirtland, services	36.00
171	Brentano's, publications	12.20	226	M. C. Stevenson, field expenses	.90
172	John C. Parker, supplies	9.50	227	Pay roll, services	700.80
173	do	5.00	228	do	2,241.64
174	U. S. Express Co., freight	2.40	229	Gerard Fowke, services	100.00
175	The M. Ohmer's Sons Co., supplies	97.60	230	Wm. Dinwiddie, travelling expenses	136.35
176	W. J. Hoffman, services	21.00	231	James C. Pilling, travelling expenses	27.50
177	Geo. W. Knox, hauling	.50	232	Mary M. Mitchell, drawings	25.00
178	Pay roll, services	660.00	233	Albert S. Gatschet, travelling expenses	64.20
179	do	2,241.64	234	Gerard Fowke, travelling expenses	181.25
180	J. T. Whitmore, packing, etc.	5.00	235	E. W. Nash, publications	1.50
181	Chas. G. Stott & Co., straw board	1.25	236	Mary I. Wright, drawings	85.60
182	Frances Weiser, drawings	43.00	237	U. S. Express Co., freight	3.20
183	Robert Beall, publications	15.00	238	Z. D. Gilman, supplies	91.43
184	M. C. Stevenson, services	100.00	239	E. J. Pullman, supplies	15.16
185	do	100.00	240	Mary M. Mitchell, drawings	20.70
186	M. C. Stevenson, travelling expenses	27.25	241	E. E. Jackson & Co., supplies	7.35
187	Mary M. Mitchell, drawings	45.75	242	F. N. Thomas, field expenses	26.00
188	M. C. Stevenson, field expenses	109.49	243	F. N. Thomas, services	38.18
189	The Wabash R. R. Co., transportation	16.05	244	Fred A. Schmidt, supplies	45.00
190	G. E. Kirtland, services	54.00	245	Pennsylvania R. R. Co., transportation	12.25
191	Gerard Fowke, services	200.00	246	Robt. Beall, publications	6.00
192	E. J. Pullman, supplies	13.03	247	Geo. Ryneal, jr., supplies	80.92
193	L. H. Schneider's Son, supplies	26.81	248	G. E. Kirtland, services	15.00
194	S. N. Tucker, hand stamp	1.25	249	Adams Express Co., freight	10.10
195	Pittsburg, Cincinnati, Chicago and St. Louis R. R. Co., transportation	15.25	250	Gerard Fowke, field expenses	71.25
196	W. H. Holmes, services	15.75	251	Stauffer & White, shipping	2.00
197	C. E. Taylor, supplies	16.00	252	P. C. Claffin, field material	32.75
198	E. E. Jackson & Co., supplies	33.06	253	E. J. Pullman, supplies	108.30
199	Albert S. Gatschet, travelling expenses	59.62	254	Gerard Fowke, services	100.00
			255	Pay roll, services	1,691.65
			256	do	750.90
	Total disbursements, North American Ethnology, by Wm. W. Karr				84,821.87

SUMMARY.

Total disbursements by Jno. D. McChesney	\$9,524.24
Total disbursements by Cosmos Mindeleff	3,250.00
Total disbursements by Wm. W. Karr	84,821.87
Bonded railroad accounts settled by United States Treasury	170.07

Total disbursements for North American Ethnology during fiscal year ending June 30, 1892	47,766.18
Balance July 1, 1892	15,008.06

NATIONAL MUSEUM.

*Preservation of collections, July 1, 1891, to June 30, 1892.**Receipts.*

Appropriation by Congress for the fiscal year ending June 30, 1892,
 "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 of com-
 pensation of all necessary employes"----- \$145,000.00

(Sundry civil act, March 3, 1891.)

Expenditures.

DIRECTION.

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

SCIENTIFIC STAFF.

1 curator, 6 months, at \$225, 6 months at \$200-----	\$2,550.00	
1 curator, 12 months, at \$200-----	2,400.00	
1 curator, 12 months, at \$200-----	2,400.00	
1 curator, 7 months, at \$200, 5 months at \$175-----	2,275.00	
1 curator, 12 months, at \$175-----	2,100.00	
1 curator, 12 months, at \$150-----	1,800.00	
1 curator, 11 months, at \$100-----	1,100.00	
		14,625.00
1 acting curator, 6 months, at \$140, 6 months, at \$125-----		1,590.00
1 assistant curator, 11 months, at \$166.66, 1 month, at \$181.66-----	2,014.92	
1 assistant curator, 12 months, at \$140-----	1,680.00	
1 assistant curator, 12 months, at \$133.33-----	1,599.96	
1 assistant curator, 12 months, at \$100-----	1,200.00	
1 assistant curator, 1 month, at \$125, 3 months, at \$50-----	275.00	
		6,769.88
1 assistant, 1 month, at \$100-----	100.00	
1 assistant, 1 month and 20 days, at \$85-----	141.67	
1 assistant, 5 months, at \$65-----	325.00	
1 assistant, 2 months, at \$65-----	130.00	
1 assistant, 11 months, at \$80-----	880.00	
		1,576.67
1 aid, 12 months, at \$100-----	1,200.00	
1 aid, 12 months, at \$80-----	960.00	
1 aid, 11 months and 15 days, at \$83.33-----	958.30	
1 aid, 3 months, at \$80-----	240.00	
1 aid, 12 months, at \$60-----	720.00	
1 aid, 8 months, at \$50-----	400.00	
1 aid, 10 months at \$60, 1 month at \$40-----	640.00	
1 aid, 2 months, at \$50-----	100.00	
1 aid, 12 months, at \$40-----	480.00	
1 aid, 4 months at \$46, 1 month at \$44.50, 7 months at \$40-----	508.50	
		6,206.80
1 special agent, 29 days, at \$6-----		174.00
1 collector, 9 months, at \$140-----	1,260.00	
1 collector, 9 months, at \$50-----	450.00	
		1,710.00
		<u>32,652.35</u>

CLERICAL STAFF.

1 chief clerk, 12 months, at \$187.50	\$2,250.00
1 corresponding clerk, 12 months, at \$175	2,100.00
1 registrar, 12 months, at \$158.33	1,899.96
1 disbursing clerk, 12 months, at \$100	1,200.00
1 assistant librarian, 12 months, at \$100	1,200.00
1 stenographer, 11 months at \$60, 1 month at \$85	745.00
1 draftsman, 7 months and 15 days, at \$83.33	626.41
1 assistant draftsman, 5 months, at \$40	200.00
1 clerk, 12 months, at \$125	1,500.00
1 clerk, 4 months and 15 days, at \$125	665.32
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 \$100	1,200.00
1 clerk, 12 months, at \$90	1,080.00
1 clerk, 12 months, at \$83.33	999.96
1 clerk, 6 months and 15 days, at \$80	520.00
1 clerk, 12 months, at \$75	900.00
1 clerk, 12 months, at \$70	840.00
1 clerk, 12 months, at \$60	720.00
1 clerk, 11 months and 24 days, at \$60	706.45
1 clerk, 11 months and 1 day, at \$60	661.94
1 clerk, 12 months, at \$60	720.00
1 clerk, 12 months, at \$60	720.00
1 clerk, 11 months, at \$60	660.00
1 clerk, 12 months, at \$55	660.00
1 clerk, 12 months, at \$55	660.00
1 clerk, 12 months, at \$55	660.00
1 clerk, 12 months, at \$55	660.00
1 clerk, 12 months, at \$50	600.00
1 clerk, 12 months, at \$50	600.00
1 clerk, 11 months and 7 days, at \$50	561.29
1 clerk, 3 months and 9 days, at \$50	165.00
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, 3 months, at \$50	150.00
1 copyist, 8 months and 15 days, at \$45	381.77
1 copyist, 12 months, at \$40	480.00
1 copyist, 12 months, at \$40	480.00
1 copyist, 12 months, at \$40	480.00
1 copyist, 12 months, at \$40	480.00
1 copyist, 12 months, at \$40	480.00
1 copyist, 12 months, at \$35	420.00
1 copyist, 3 months and 16 days, at \$35	123.06
1 copyist, 12 months, at \$35	420.00
1 copyist, 6 months, at \$30	180.00
1 copyist, 12 months, at \$30	360.00
1 copyist, 12 months, at \$30	360.00
1 copyist, 56 days, at \$1.50	84.00
1 typewriter, 12 months, at \$50	600.00

 \$38,580.16

PREPARATORS.

1 preparator, 10 months, at \$100	1,000.00
1 preparator, 12 months, at \$80	960.00
1 preparator, 12 months, at \$60	720.00
1 preparator, 6 months and 88½ days, at \$60	535.09
1 preparator, 1 month, at \$75	75.00
1 preparator, 24 days, at \$3.20	76.80
1 artist, 12 months, at \$110	1,320.00
1 photographer, 9 months and 31 days, at \$158.33	1,583.30
1 taxidermist, 12 months, at \$60	720.00

PREPARATORS—continued.

1 taxidermist, 12 months, at \$125	\$1,500.00
1 taxidermist, 12 months, at \$120	1,440.00
1 taxidermist 1 month at \$80; 2,280 hours, at 45 cents	1,106.00
1 assistant taxidermist, 19 days, at \$60	36.77
	<u>\$11,072.96</u>

BUILDINGS AND LABOR.

1 superintendent, 12 months, at \$137.50	1,650.00
1 assistant superintendent, 12 months, at \$90	1,080.00
1 chief of watch, 12 months, at \$65	780.00
1 chief of watch, 12 months, at \$65	780.00
1 chief of watch, 7 months, at \$65	450.00
1 watchman, 12 months, at \$65	780.00
12 watchmen, 12 months, at \$50	7,200.00
1 watchman, 9 months and 88 days, at \$50	595.06
1 watchman, 3 months and 26 days, at \$50	191.94
1 watchman, 9 months and 24 days, at \$45	441.00
1 watchman, 8 months and 17 days, at \$45	384.68
1 watchman, 3 months, at \$45	135.00
1 watchman, 10 months and 29 days, at \$45	492.10
1 watchman, 10 months and 60 days, at \$45	537.10
1 skilled laborer, 12 months, at \$52	624.00
1 skilled laborer, 12 months, at \$50	600.00
1 skilled laborer, 1 month and 16 days, at \$50	75.81
1 skilled laborer, 19 days, at \$45	27.58
1 skilled laborer, 27 days, at \$2	54.00
1 skilled laborer, 21 days, at \$1.50	31.50
1 laborer, 8 months, at \$46; 3 months, at \$47.50; 1 month, at \$44.50	555.00
1 laborer, 2 months, at \$51; 1 month, at \$52.50; 1 month, at \$49.50; 5 months, at \$45; 3 months, at \$48	573.00
1 laborer, 4 days, at \$40; 39 days, at \$1.25; 240 days, at \$1.50	413.91
1 laborer, 10 months, at \$40; 1 month, at \$43; 1 month, at \$41.50	484.50
1 laborer, 12 months, at \$40	480.00
1 laborer, 12 months, at \$40	480.00
1 laborer, 12 months, at \$40	480.00
1 laborer, 12 months, at \$40	480.00
1 laborer, 19 days, at \$40	24.52
1 laborer, 298 days, at \$1.50	447.00
1 laborer, 303½ days, at \$1.50	455.25
1 laborer, 51 days, at \$1.50	76.50
1 laborer, 281 days, at \$1.50	421.50
1 laborer, 297 days, at \$1.50	445.50
1 laborer, 287½ days, at \$1.50	431.25
1 laborer, 11 days, at \$1.50	16.50
1 laborer, 32 days, at \$1.50	48.00
1 laborer, 78 days, at \$1.50	117.00
1 laborer, 321 days, at \$1.50	481.50
1 laborer, 32 days, at \$1.50	48.00
1 laborer, 305½ days, at \$1.50	460.38
1 laborer, 114 days, at \$1.50	171.00
1 laborer, 324½ days, at \$1.50	536.25
1 laborer, 327 days, at \$1.50	490.50
1 laborer, 283 days, at \$1.50	424.50
1 laborer, 152 days, at \$1.50	228.00
1 laborer, 298 days, at \$1.50	447.00
1 laborer, 13 days, at \$1.50	19.50
1 laborer, 65 days, at \$1.50	97.50
1 laborer, 11 months and 28 days, at \$1.50	476.13
1 laborer, 291½ days, at \$1.50	483.75
1 laborer, 5 days, at \$1.50	7.50
1 laborer, 24 days, at \$1.25	30.00
1 laborer, 2 months, at \$20; 24 days, at \$1	64.00

BUILDINGS AND LABOR--continued.

1 attendant, 10 months and 60 days, at \$40	477.42
1 attendant, 10 months and 57 days, at \$40	476.00
1 cleaner, 9 months and 90 days, at \$30	358.03
1 cleaner, 12 months, at \$30	360.00
1 cleaner, 10 months and 60½ days, at \$30	358.55
1 cleaner, 12 months, at \$30	360.00
1 cleaner, 314 days, at \$1	314.00
1 cleaner, 314 days, at \$1	314.00
1 messenger, 12 months, at \$45	540.00
1 messenger, 6 months, at 45; 6 months, at \$50	570.00
1 messenger, 12 months, at \$30	360.00
1 messenger, 11 months, at \$30; 1 month, at \$31.50	361.50
1 messenger, 6 months, at \$25	150.00
1 messenger, 12 months, at \$20	240.00
1 messenger, 11 months and 26 days, at \$20	236.77
1 messenger, 8 months and 46 days, at \$25	236.83
1 messenger, 5 months, at \$15	88.55
	<u>\$33,606.36</u>
Special services by job or contract	2,839.64
Total services	<u>122,751.43</u>

SUMMARY.

Preservation of collections, 1892.

Direction	\$3,999.96
Scientific staff	32,652.35
Clerical staff	38,580.16
Preparators	11,072.96
Building and labor	33,606.36
Special or contract work	2,839.64
Total salaries or compensation	<u>122,751.43</u>
Miscellaneous:	
Supplies	2,038.76
Stationery	842.79
Specimens	6,340.12
Books and periodicals	453.00
Travel	1,574.81
Freight and cartage	2,180.95
	<u>13,430.43</u>
Total expenditure to June 30, 1892, for preservation of collections, 1892	<u>136,181.86</u>
Balance July 1, 1892, to meet outstanding liabilities	<u>8,818.14</u>

Detailed statement of expenditures from appropriation of \$145,000, for preservation of collections, National Museum, 1892.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Patrick Ford, services	85.16	74	Geo. W. Knox, freight	\$47.72
2	G. Brown Goode, services	333.33	75	W. H. Morrison, supplies	1.35
3	Joseph Mace, freight	75.00	76	Stahn & Fiske, services (special)	3.00
4	Pay roll for July, 1891, services	9,119.72	77	Barber & Ross, supplies	3.20
5	J. W. Hendley, specimens	80.00	78	Whitall, Tatam & Co., supplies	1.25
6	S. R. Koehler, services	100.00	79	F. A. Schmidt, stationery	5.90
7	H. Gibb, services	80.00	80	Easton & Rupp, supplies	7.50
8	Columbia R. R. Co., supplies	21.00	81	H. Baumgarten, supplies	12.10
9	W. H. Lowdermilk & Co., specimens	20.50	82	J. H. Mills & Co., supplies	2.40
10	M. E. Mann, books	6.00	83	Geo. Ryeal, jr., supplies	23.03
11	O. A. Peterson, services	65.00	84	F. P. May & Co., supplies	3.00
12	F. A. Lucas, supplies	30.18	85	Robt. Boyd, supplies	1.20
13	F. A. Lucas, travel	51.85	86	J. D. Figgins, specimens	20.00
14	J. H. Porter, services	174.00	87	H. Gibb, services	80.00
15	J. H. Porter, travel	81.40	88	O. A. Peterson, services	65.00
16	K. J. Bush, services	60.00	89	The Eastman Co., supplies	118.83
17	Jos. Rosenthal, specimens	21.00	90	Franklin Typewriter Co., services (special)	1.75
18	Wyckoff, Seamans & Benedict, services (special)	32.00	91	L. C. Bragg, specimens	2.00
19	S. Raymond Roberts, books	10.00	92	A. B. Farnham, specimens	6.50
20	George P. Merrill, travel	46.50	93	J. R. Huddleston, specimens	10.00
21	M. C. Lewis, services	4.50	94	S. R. Koehler, services	100.00
22	Chas. W. Richmond, specimens	400.00	95	James E. Benedict, travel	30.03
23	J. W. Hendley, specimens	80.00	96	L. M. Cornwall, supplies	1.72
24	E. W. Davidson, services	76.80	97	Wash. Naylor Cab Co., services (special)	10.7
25	Chas. L. Woodward, specimens	25.02	98	J. L. Ridgway, specimens	12.00
26	Th. Holm, travel	38.90	99	C. T. Cooke, specimens	4.00
27	Joseph Mace, freight	75.00	100	C. M. Pennypacker, specimens	20.00
28	G. Brown Goode, services	333.33	101	A. R. Kimball, books	20.00
29	Pay roll for August, 1891, services	9,401.89	102	F. L. Church, specimens	2.00
30	S. R. Koehler, services	100.00	103	Library Bureau, books	13.00
31	W. S. Yeates, travel	116.25	104	L. S. Foster, books	1.21
32	O. A. Peterson, services	85.00	105	H. A. Ward, specimens	94.30
33	H. Gibb, services	80.00	106	Mutual District Messenger Co. services (special)	4.05
34	Ira Godfrey, services (special)	7.17	107	Mt. Vernon and Marshall Hall Steamboat Co., freight	1.95
35	Adams Express Co., freight	50.84	108	N. L. Britton, books	12.50
36	U. S. Express Co., freight	27.70	109	G. P. Merrill, travel	64.45
37	Wyckoff, Seamans & Benedict, special services, \$3.50, supplies, \$3.53	6.03	110	Granville Hunt, services (special)	5.00
38	C. B. Fenton & Co., services, special	10.56	111	Columbia Phonograph Co., services (special)	106.25
39	People's Dispatch Co., freight	2.71	112	M. Payne, services (special)	20.00
40	J. D. Figgins, services (special)	20.00	113	J. C. McConnell, specimens	101.50
41	H. Sisson & Sons, services (special)	32.50	114	R. W. Turner, specimens	15.00
42	Philadelphia Bureau of Press Clippings, books, etc.	6.30	115	R. J. Bush, services	120.00
43	A. E. Foote, specimens	32.50	116	Baker & Adamson, supplies	47.76
44	P. L. Jouy, travel	1.10	117	J. H. McGill, supplies	23.00
45	W. E. Scollick, services (special)	85.00	118	P. L. Jouy, specimens	10.03
46	W. E. Benjamin, specimens	399.05	119	R. Harris & Co., supplies	5.00
47	W. E. Benjamin, books	6.75	120	J. C. Parker, stationery	54.96
48	L. W. Sherman, supplies	1.50	121	J. H. Douglas, supplies	1.99
49	C. K. Worthen, specimens	32.25	122	Draper Manufacturing Co., supplies	3.17
50	J. W. Hendley, specimens	80.00	123	A. L. Shipman's Sons, supplies	4.20
51	M. A. Tappan, supplies	8.48	124	M. Abbott Frazar, supplies	13.72
52	Kendig & Landvoigt, supplies	3.00	125	A. H. Brown, stationery	3.50
53	W. M. Shuster & Sons, supplies	9.59	126	Frank Robinette, specimens	22.50
54	W. H. Cooper, stationery	2.00	127	Evening Star Newspaper Co., books	1.00
55	H. Gibb, travel	46.00	128	W. E. Scollick, services (special)	35.00
56	H. H. & C. S. Brimley, specimens	4.50	129	L. H. Schneider's Son, supplies	7.90
57	Hygienic Ice Co., supplies	37.14	130	J. G. Conroy, specimens	100.00
58	Stephenson's Express, freight	10.94	131	Joseph Mace, freight	75.00
59	Smedley Bros. & Co., freight	7.00	132	G. Brown Goode, services	333.33
60	Seaton Perry, supplies	10.00	133	Pay roll for October, 1891, services	9,479.57
61	W. B. Moses & Sons, supplies	35.36	134	Wortmeu Ink Manifold Co., stationery	2.00
62	Joseph Mace, freight	75.00	135	W. W. Rockhill, services	50.00
63	G. Brown Goode, services	333.33	136	J. W. Hendley, specimens	80.00
64	L. M. Cornwall, supplies	1.72	137	W. R. Herbert, supplies	100.00
65	Pay roll for September, 1891, services	9,563.99	138	W. J. Mount, services (special)	4.00
66	G. W. Knox, freight	44.20	139	S. R. Koehler, services	100.00
67	W. W. Rockhill, services	50.00	140	H. Gibb, services	80.00
68	Ira Godfrey, services (special)	6.28	141	O. A. Peterson, services	65.00
69	Lewis S. Hayden, specimens	5.15	142	G. F. Wassaman, services (special)	2.00
70	Adams Express Co., freight	57.15	143	C. K. Worthen, specimens	12.00
71	People's Dispatch Co., freight	2.01			
72	U. S. Express Co., freight	21.15			
73	A. Nattana, supplies	2.80			

Detailed statement of expenditures from appropriation of \$145,000 for preservation of collections, National Museum, 1892—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
144	Ward's Natural Science Establishment, specimens	\$42.00	210	Mutual District Messenger Co., services (special)	\$4.60
145	Stahn & Fiske, supplies	1.80	211	W. W. Rockhill, services	50.00
146	Indiana Alkali Works, supplies	21.32	212	C. Schoenhof, specimens	1.80
147	Fannie Cary, services (special)	30.00	213	M. Robson's Son & Co., freight	1.50
148	Philadelphia Bureau of Press Clippings, books	16.30	214	J. F. Sabin, specimens	173.95
149	C. G. Stott & Co., supplies	1.80	215	J. W. Hendley, specimens	16.00
150	Geo. Ryneal, jr., supplies	23.34	216	R. Leitch & Sons, supplies	5.33
151	Chas. Becker, supplies	8.75	217	A. D. Rahn, services (special)	40.50
152	Easton & Rupp, stationery	54.31	218	M. Payne, services (special)	15.00
153	Adams Express Co., freight	28.55	219	H. R. Voth, specimens	13.50
154	U. S. Express Co., freight	52.90	220	Geo. E. Harris, specimens	1.75
155	Leggatt Bros., books	21.50	221	S. R. Koehler, services	100.00
156	G. W. Knox, freight	106.53	222	H. H. and C. S. Brimley, specimens	6.90
157	J. W. Hendley, specimens	80.00	223	H. Gibb, services	80.00
158	K. J. Bush, services	60.00	224	O. A. Peterson, services	65.00
159	J. C. Parker, supplies	17.00	225	F. W. True, travel	12.80
160	C. K. Worthen, specimens	5.50	226	C. K. Worthen, specimens	12.00
161	A. D. Rahn, services (special)	12.00	227	T. H. Storey, freight	3.36
162	A. H. Baldwin, specimens	50.75	228	Dyresen & Pfeiffer, books	2.70
163	American Ice Co., supplies	113.76	229	S. Raymond Roberts, books	10.00
164	Lansburgh Bro., supplies	2.56	230	H. A. Lindsey, specimens	5.00
165	M. A. Tappan, supplies	8.20	231	Evening Star Newspaper Co., supplies	10.70
166	J. E. Ward & Co., travel	60.00	232	G. Brown Goode, travel	100.00
167	J. M. Mills & Co., supplies	6.50	233	J. W. Hendley, specimens	80.00
168	E. J. Pullman, supplies	22.04	234	Thomas Wilson, specimens	74.25
169	W. E. & E. D. Lockwood, stationery	36.75	235	F. P. May & Co., supplies	4.50
170	A. Zichtl, services (special)	4.00	236	Ira Godfrey, services (special)	4.85
171	Thos. H. Jackson, specimens	30.00	237	Mutual District Messenger Co., services (special)	3.20
172	T. Takayanagi, specimens	92.50	238	M. G. Copeland & Co., supplies	21.00
173	A. H. Baldwin, specimens	7.00	239	Otto Fukushima, services (special)	141.00
174	do	42.56	240	A. H. Baldwin, specimens	17.66
175	A. E. McConnell, specimens	18.00	241	Merwin, Hulbert & Co., supplies	.81
176	Joseph Mace, freight	75.00	242	F. B. Gilbert, supplies	2.75
177	Pay roll for November, 1891, services	9,447.05	243	K. J. Bush, services	60.00
178	Ward's Natural Science Establishment, specimens	20.05	244	J. Frank Eline, supplies	23.40
179	James H. McGill, supplies	3.50	245	Bell Lithograph Co., books	100.00
180	Forest and Stream Publishing Co., books	.70	246	A. D. Rahn, services (special)	8.10
181	Mitchell's specimens	2.90	247	F. L. Jouy, travel	46.74
182	J. D. Piggins, services (special)	30.00	248	Cecil Clay, specimens	325.00
183	do	125.00	249	H. W. Spofford, services	60.48
184	Dyresen & Pfeiffer, books	1.35	250	C. L. Condit, books	10.00
185	E. J. Pullman, supplies	33.37	251	A. H. Baldwin, specimens	25.38
186	A. D. Rahn, services (special)	15.00	252	A. D. Rahn, services (special)	48.60
187	J. B. Smith, services	100.00	253	Philadelphia Bureau of Press Clippings, books	11.90
188	Wyckoff, Seamans & Benedict, supplies, \$4.04; special services, \$5.50	9.54	254	F. A. Lucas, travel	14.92
189	Wyckoff, Seamans & Benedict, supplies, \$2.18; stationery, \$19.80; special services, \$3.50	25.48	255	J. W. Hendley, specimens	80.00
190	Wash. Nalor Cab Co., special services	3.25	256	Fannie Cary, services (special)	30.00
191	J. W. Scollick, specimens	15.00	257	W. E. Scollick, services (special)	35.00
192	M. Payne, services (special)	13.00	258	F. Von Iterson, services (special)	25.00
193	H. Baumgarten, stationery	12.75	259	W. E. Benjamin, specimens	114.00
194	M. W. Beveridge, supplies	6.35	260	E. M. Wood, specimens	20.50
195	Francis Wolle, books	6.00	261	F. W. Catlin, books	6.25
196	G. W. Knox, freight	44.19	262	Wm. Sansbury, services (special)	25.00
197	George Ryneal, jr., supplies	29.47	263	Joseph Mace, freight	75.00
198	Ira Godfrey, services, special	10.42	264	G. Brown Goode, services	333.33
199	U. S. Express Co., freight	36.30	265	Pay roll for December, 1891, services	9,312.84
200	J. H. Chesley & Co., supplies	.60	266	S. R. Koehler, services	100.00
201	G. Brown Goode, services	333.33	267	W. W. Rockhill, services	50.00
202	J. Baumgarten & Son, stationery	5.00	268	H. Gibb, services	80.00
203	Adams Express Co., freight	42.85	269	K. J. Bush, services	60.00
204	People's Dispatch Transfer Co., freight	37.17	270	Mutual District Messenger Co., services (special)	3.05
205	N. Brewer, supplies	6.50	271	Columbia R. R. Co., supplies	10.50
206	W. Ballantyne & Sons, stationery, \$152.42; supplies, \$36.60	189.02	272	Geo. W. House, stationery	1.60
207	Woodward & Lothrop, supplies	12.00	273	W. N. Callender, specimens	25.00
208	E. Morrison Paper Co., supplies, \$51.48; stationery, \$104	155.48	274	E. Morrison Paper Co., stationery	108.02
09	Easton & Rupp, stationery	6.54	275	M. W. Beveridge, supplies	7.88
			276	J. F. Sabin, specimens	14.50
			277	The Eastman Co., supplies	50.00

Detailed statement of expenditures from appropriation of \$145,000, for preservation of collections, National Museum—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
278	F. B. Armstrong, specimens	\$10.50	348	W. W. Rockhill, services	\$50.00
279	Geo. Ryneal, jr., supplies	32.72	349	R. Ridway, travel	12.25
280	Wm. Ballantyne & Sons, stationery	19.98	350	M. C. Lewis, services	7.50
281	John C. Parker, stationery	26.20	351	W. H. Teepe, supplies	1.60
282	Adams Express Co., freight	48.45	352	Brentano's, supplies	3.00
283	Walter F. Webb, specimens	11.00	353	H. H. & C. S. Brimley, specimens	7.50
284	People's Dispatch and Transfer Co., freight	15.85	354	H. Gibb, services	80.00
285	Geo. W. Knox, freight	15.85	355	K. J. Bush, services	60.00
286	J. D. Smille, specimens	5.00	356	Estate of Russell & Co., freight	3.02
287	American Ice Co., supplies	18.44	357	J. W. Hendley, specimens	45.00
288	Robert Boyd, supplies	1.20	358	A. H. Baldwin, services, (special)	29.30
289	E. J. Pullman, supplies	12.25	359	A. W. Elson & Co., specimens	25.00
290	A. Nattans, supplies	5.10	360	S. R. Koehler, services	100.00
291	Easton & Rupp, stationery	6.15	361	M. Payne, services (special)	15.00
292	J. Sondheimer, supplies	.24	362	Roger Welles, jr., specimens	5.00
293	T. H. McAllister, services (special), 75 cents; supplies, \$3.50	4.25	363	A. D. Rahn, services (special)	21.70
294	Amy W. Mitchell, services (special)	50.00	364	M. J. Rathbun, services	1.94
295	J. C. Van Hook, specimens	63.27	365	U. S. Express Co., freight	18.25
296	M. Wolf, specimens	7.50	366	A. L. Shipman's Sons, stationery	.50
297	L. C. Bragg, specimens	6.00	367	E. G. Wheeler, supplies	10.00
298	Arthur Stafford, stationery	4.00	368	Wyckoff, Seamans & Benedict, stationery	2.80
299	E. E. Howell, services (special)	100.00	369	M. Lindsay, supplies	1.00
300	F. W. Crosby, specimens	45.00	370	Mut. Dist. Messgr. Co., services (special)	1.80
301	A. E. Foote, books	2.15	371	M. Wolf, specimens	10.00
302	A. D. Rahn, services (special)	42.20	372	Lansburgh & Bro., supplies	9.48
303	do	35.40	373	E. J. Pullman, supplies	14.47
304	M. Payne, services (special)	12.00	374	Fannie Cary, services (special)	30.00
305	J. W. Hendley, specimens	5.00	375	W. E. Scollick, services (special)	35.00
306	A. H. Baldwin, services (special)	3.00	376	J. L. Barbour & Son, supplies	22.00
307	A. H. Baldwin, specimens	35.18	377	F. A. Schmidt, supplies	1.61
308	Fannie Cary, services (special)	30.00	378	H. Baumgarten, stationery	6.75
309	W. E. Scollick, services (special)	35.00	379	J. Baumgarten & Son, stationery	7.00
310	H. Thurston, stationery	8.00	380	Adams Express Co., freight	26.90
311	A. E. Foote, specimens	30.00	381	W. H. Harrover, supplies	.50
312	Leggat Bros., books	.70	382	C. B. Fenton & Co., services (special)	10.25
313	Ira Godfrey, services (special)	5.33	383	F. P. May & Co., supplies	7.50
314	E. E. Howell, specimens	20.75	384	Wm. Stalee, services (special)	10.00
315	St. phenon's Express, freight	2.00	385	J. C. Van Hook, specimens	32.09
316	J. D. Figgins, services (special)	60.00	386	Dyrsen & Pfeiffer, books	2.70
317	Geo. Ryneal, jr., services (special)	.50	387	W. A. Boyd, books	15.00
318	Washington Post Co., supplies	8.50	388	C. Scribner's Sons, books	22.50
319	A. H. Baldwin, services (special)	22.33	389	H. H. Hempler, supplies	.50
320	Amy W. Mitchell, services (special)	50.00	390	J. F. Gatton, services	7.50
321	Wm. Wesley & Son, books	20.37	391	J. W. Hendley, specimens	40.00
322	F. A. Brockhaus, books	16.27	392	A. D. Rahn, services (special)	18.60
323	A. Boucard, specimens	34.16	393	F. Miller, services (special)	1.50
324	S. B. Wilson, specimens	21.96	394	Ira Godfrey, services (special)	5.22
325	Columbia Phonograph Co., services (special), \$106.65; supplies \$6.	112.25	395	E. E. Howell, services (special)	98.75
326	Joseph Mace, freight	75.00	396	People's Dispatch, freight	3.62
327	G. Brown Goode, services	333.33	397	A. E. Foote, books	4.00
328	Pay roll for January, 1892	9,419.02	398	Oelrichs & Co., freight	4.92
329	J. W. Scollick, travel	75.78	399	Philadelphia Bureau of Press Clippings	9.00
330	F. A. Schneider, supplies	33.60	400	Wyckoff, Seamans & Benedict, services (special)	1.00
331	Thomas W. Smith, supplies	4.50	401	W. H. Chandlee, services	43.10
332	Brush Electric Co., freight	2.40	402	P. L. Jouy, freight	1.88
333	Ward's Nav. Sci. Estab., specimens	298.00	403	S. Raymond Roberts, books	10.00
334	F. W. Devoe & Co., supplies	6.03	404	F. H. Lattin, specimens	22.00
335	Chas. Fischer, supplies	2.50	405	J. Baumgarten & Son, stationery	4.00
336	The Laurel Company, supplies	.60	406	H. Baumgarten, stationery	1.25
337	Z. D. Gilman, supplies	62.81	407	People's Dispatch, freight	6.70
338	Smith & Wardwell, supplies	1.75	408	Wm. Ballantyne & Sons, books	2.50
339	L. S. Foster, books	5.65	409	M. W. Beveridge, supplies	1.50
340	Tschiffely & Evans, supplies	1.20	410	Ed. F. Droop, supplies	.90
341	American Ice Co., supplies	19.29	411	John C. Parker, supplies	17.00
342	Library Bureau, supplies	2.00	412	Edw. S. Schmid, supplies	.25
343	Carter, Macy & Co., freight	5.08	413	Lansburgh & Bro., supplies	12.82
344	B. Westermann & Co., books	5.57	414	Smith & Wardwell, supplies	3.78
345	Leggat Bros., books	1.18	415	Z. D. Gilman, supplies	17.18
346	A. D. Rahn, services (special)	24.80	416	H. A. Clarke & Son, stationery	1.50
347	Geo. W. Knox, freight	72.27	417	Geo. Ryneal, jr., supplies	17.26
			418	J. L. Barbour & Son, supplies	113.65
			419	Joseph Mace, freight	75.00
			420	G. Brown Goode, services	333.33
			421	Pay roll for February, 1892, services	9,823.76

Detailed statement of expenditures from appropriation of \$145,000, for preservation of collections, National Museum—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
422	W. W. Rockhill, services.....	\$50.00	494	W. E. Scolliek, services (special).....	\$30.00
423	C. K. Worthen, specimens.....	38.50	495	G. P. Sullivan, services (special).....	12.00
424	Jas. H. McGill, supplies.....	3.50	496	F. A. Schmidt, stationery.....	4.73
425	Library Bureau.....	20.25	497	Z. D. Gilman, supplies.....	13.40
426	E. Morrison Paper Company, stationery, \$3.70; supplies, \$26.10.....	29.80	498	Columbia Rwy. Co., supplies.....	10.50
427	A. E. Foote, books.....	5.50	499	Wm. Ballantyne & Sons, stationery, \$3.24; supplies, \$60.55.....	63.79
428	U. S. Express Co., freight.....	23.65	500	M. Weiser, services (special).....	10.00
429	N. Y. Transfer Co., freight.....	6.10	501	E. J. Pullman, supplies.....	2.10
430	Geo. W. Knox, freight.....	21.75	502	Easton & Rupp, stationery.....	19.05
431	H. H. Ballard, supplies.....	1.00	503	Truslow & Co., supplies.....	6.45
432	J. W. Hendley, specimens.....	40.00	504	John Pratt, specimens.....	15.00
433	C. H. Townsend, travel, \$80.25; supplies, \$3.60.....	88.85	505	Fannie Cary, services (special).....	35.00
434	H. Gibb, services.....	80.00	506	M. Payne, services (special).....	20.00
435	K. J. Bush, services.....	60.00	507	Thos. W. Smith, supplies.....	1.50
436	A. D. Rahn, services (special).....	18.60	508	India Alkali Works, supplies.....	23.27
437	J. O. Hargrove, services.....	21.00	509	F. E. Sawyer, specimens.....	7.00
438	Estate of M. C. Meigs, specimens.....	59.50	510	Julius Neumann, specimens.....	61.15
439	M. Payne, services (special).....	15.00	511	Columbia Phonograph Co., services (special).....	70.35
440	S. F. Hayward & Co., supplies.....	60.00	512	Wash Nalior Cab Co., services (special).....	15.50
441	F. von Iterson, services (special).....	15.00	513	Dyrsen & Pfeiffer, books.....	.75
442	S. R. Koehler, services.....	100.00	514	Philadelphia Bureau of Press Clippings, books.....	8.30
443	A. D. Rahn, services (special).....	18.60	515	A. D. Rahn, services (special).....	18.90
444	C. D. White, travel, \$66.11; supplies, \$3.95.....	75.06	516	Alaska Commercial Co., freight.....	9.10
445	J. C. McConnell, specimens.....	100.10	517	J. C. Fitzgerald, specimens.....	2.75
446	J. W. Hendley, services (special).....	6.70	518	Lansburgh & Bro., supplies.....	5.23
447	Wm. Sansbury, services (special).....	10.50	519	G. Brown Goode, services.....	333.33
448	W. E. Scolliek, services (special).....	35.00	520	Joseph Mace, freight.....	75.00
449	Fannie Cary, services (special).....	30.00	521	Pay roll for April, 1892, services.....	9,048.09
450	B. Westermann & Co., books.....	6.68	522	H. Gibb, services.....	80.00
451	Adams Express Co., freight.....	47.22	523	K. J. Bush, services.....	60.00
452	Tschiffely & Evans, supplies.....	.60	524	Wm. Hedderman, services.....	65.00
453	Elmer & Amend, supplies.....	1.30	525	S. R. Koehler, services.....	100.00
454	N. Brewer, supplies.....	1.63	526	W. W. Rockhill, services.....	50.00
455	Wm. Ballantyne & Sons, books.....	2.50	527	H. H. Johnston-Savis, books.....	3.24
456	Smith & Wardwell, supplies.....	2.15	528	M. Payne, services (special).....	20.00
457	E. E. Howell, services (special).....	62.75	529	Fannie Cary, services (special).....	35.00
458	Mut. Dist. Messgr. Co., services (special).....	.90	530	F. Meder, specimens.....	149.00
459	J. H. Mills & Co., supplies.....	6.40	531	Estate of G. W. Knox, freight.....	38.23
460	Frank Blake Webster Co., supplies.....	1.04	532	Geo. W. Knox Express, freight.....	2.69
461	E. M. Wood, services (special).....	36.31	533	A. D. Rahn, services (special).....	21.70
462	A. H. Baldwin, services (special).....	22.61	534	do.....	15.50
463	A. D. Rahn, services (special).....	12.40	535	S. Raymond Roberts, books.....	10.00
464	Ira Godfrey, services (special).....	5.50	536	U. S. Express Co., freight.....	23.90
465	J. O. Hargrove, services.....	10.50	537	Adams Express Co., freight.....	29.45
466	American Ice Co., supplies.....	23.85	538	Morgan Envelope Co., stationery.....	9.41
467	W. Bartholomae, supplies.....	2.55	539	Tschiffely & Evans, supplies.....	1.67
468	Rounseville Wildman, specimens.....	120.00	540	Nixon Brewer, supplies.....	1.63
469	G. Baur, services (special).....	50.00	541	John C. Parker, supplies.....	.80
470	Geo. W. Knox, freight.....	19.33	542	Ira Godfrey, services (special).....	6.72
471	C. Rosenbusch, services.....	21.77	543	Carl Schraubstadter, jr., specimens.....	1.55
472	G. P. Merrill, travel.....	62.73	544	Wyckoff, Seamans & Benedict, services (special), \$4; supplies, \$3.83.....	7.82
473	C. H. Pennypacker, specimens.....	13.00	545	J. H. Chesley & Co., supplies.....	1.00
474	Adams Express Co., freight.....	32.25	546	W. Bartholomae, supplies.....	9.60
475	W. E. Benjamin, specimens.....	3.00	547	Z. D. Gilman, supplies.....	9.55
476	U. S. Express Co., freight.....	14.90	548	G. P. Sullivan, services (special).....	15.00
477	Frank Robinette, services (special).....	41.00	549	E. E. Howell, services (special).....	19.75
478	Tiffany & Co., specimens.....	17.50	550	G. B. Wheeler, supplies.....	2.80
479	Mut. Dist. Messgr. Co., services (special).....	4.85	551	G. B. Oresson, books.....	4.00
480	Japanese Trading Co., specimens.....	494.25	552	G. E. Williams, services (special).....	1.25
481	A. H. Baldwin, services (special).....	14.50	553	Wm. Wagner, services (special), \$2.50; supplies, \$4.05.....	6.55
482	Joseph Mace, freight.....	75.00	554	W. Nalior Cab Co., services (special).....	7.00
483	G. Brown Goode, services.....	333.33	555	Easton & Rupp, stationery.....	15.19
484	Pay roll for March, 1892, services.....	9,312.88	556	E. Morrison Paper Co., stationery.....	44.54
485	L. W. Purinton, specimens.....	3.00	557	E. J. Pullman, supplies.....	14.70
486	A. D. Rahn, services (special).....	21.70	558	F. von Iterson, services (special).....	19.00
487	S. R. Koehler, services.....	100.00	559	Chas. Becker, supplies.....	5.73
488	W. W. Rockhill, services.....	50.00	560	Ira Godfrey, services (special).....	4.96
489	G. Turner Wayman, specimens.....	20.00			
490	H. Gibb, services.....	80.00			
491	K. J. Bush, services.....	60.00			
492	A. D. Rahn, services (special).....	27.90			
493	J. W. Hendley, specimens.....	20.00			

Detailed statement of expenditures from appropriation of \$145,000, for preservation of collections, National Museum—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
561	V. Grottenthaler Co., specimens	\$8.40	591	O. T. Mason, travel	\$3.55
562	E. & H. T. Anthony & Co., specimens	4.85	592	Lansburgh & Bro., supplies	39.16
563	W. H. Lowdermilk & Co., specimens	25.50	593	Adams Express Co., freight	26.05
564	E. E. Howell, specimens	30.00	594	A. Nattans, supplies	3.60
565	H. Wunderlich & Co., specimens	37.50	595	M. A. Tappan, supplies	4.85
566	Mutual District Messenger Co., services (special)	.45	596	People's Dispatch and Transfer Co., freight	8.23
567	Geo. Ryneal, jr., supplies	10.60	597	John C. Parker, supplies, \$22.50, stationery, \$11.85	34.35
568	W. Ballantyne & Sons, stationery	66.65	598	Francis Wieser, services (special)	2.50
569	Geo. W. House, stationery	.80	599	Fannie Cary, services, (special)	26.00
570	F. H. Lattin, supplies	7.52	600	M. Payne, services (special)	25.00
571	U. S. Express Co., freight	4.95	601	Asa L. Shipman's Sons, stationery	4.50
572	W. Wesley & Son, books	22.73	602	R. A. Robbins, supplies	4.20
573	E. Plichon, freight	1.17	603	M. P. Rice, specimens	3.00
574	John Wheldon, books	4.32	604	W. J. Fox, specimens	50.00
575	Joseph Mace, freight	75.00	605	G. P. Sullivan, services (special)	8.00
576	G. Brown Goode, services	333.33	606	H. Baumgarten, stationery	1.75
577	Pay roll for May, 1892, services	9,075.68	607	F. P. May & Co., supplies	6.50
577a	Pennsylvania R. R. Co., travel	12.75	608	Blake & Co, supplies	4.00
577b	do	12.50	609	Geo. W. Knox Express, freight	27.82
577c	Pennsylvania R. R. Co., freight	2.10	610	Philadelphia Bureau of Press Clippings, books	7.95
577d	do	.98	611	U. S. Government Advertiser, supplies	.75
577e	do	4.25	612	F. Meder, specimens	14.00
577f	Baltimore and Ohio R. R. Co., travel	10.50	613	Wyckoff, Seamans & Benedict, services (special)	.50
577g	do	7.56	614	Ira Godfrey, services (special)	6.61
577h	Union Pacific R. R. Co., freight	1.08	615	U. S. Express Co., freight	23.64
577i	St. Louis and San Francisco R. R., freight	8.24	616	Wm. Lucas, services	19.50
577j	Missouri Pacific R. R., freight	7.25	617	Wm. H. Johnson, services	16.50
577k	Atchison, Topeka and Santa Fe R. R.	43.33	618	G. P. Sullivan, services	19.50
578	Amy W. Mitchell, services	50.10	619	G. Brown Goode, travel	390.29
579	S. R. Koehler, services	100.00	620	do	96.50
580	H. Gibb, services	80.00	621	G. Brown Goode, specimens	495.11
581	K. W. Rockhill, services	50.00	622	Thomas Wilson, travel	18.75
582	K. J. Bush, services	60.00	623	W. V. Cox, travel	14.35
583	Wm. Heddermann, services	65.00	624	Church & Stephenson, supplies	4.50
584	Chas. Schuchert, services	141.67	625	Joseph Mace, freight	75.00
585	A. D. Rahn, services (special)	21.70	626	G. Brown Goode, services	333.33
586	do	18.60	627	Pay-roll for June, 1892	9,132.92
587	R. Hitchcock, specimens	22.00	628	Wash. Nailor Cab Co., services (special)	5.75
588	A. H. Baldwin, services (special)	4.74	629	R. F. Downing & Co., specimens	567.25
589	Mutual District Messenger Co., services (special)	.25	630	B. C. Winston, specimens	25.00
590	E. E. Howell, services (special)	5.75	631	B. Armstrong, specimens	7.00
Total disbursements, preservation of collections, National Museum, 1892					136,181.86
Balance July 1, 1892					8,818.14

Furniture and fixtures, July 1, 1891, to June 30, 1892.

Appropriation by Congress for the fiscal year ending June 30, 1892,
 "for cases furniture, fixtures, and appliances require^d for the ex-
 hibition and safe-keeping of the collections of the National Mu-
 seum, including salaries or compensation of all necessary employ^{és}"
 (Sundry civil act, March 3, 1891)..... \$25,000.00

Expenditures:

Salaries or compensation:

1 engineer of property, 9 months, at \$175.....	\$1,575.00
1 carpenter, 127 days, at \$3.....	381.00
1 carpenter, 299½ days, at \$3.....	899.25
1 carpenter, 308½ days, at \$3.....	925.50
1 carpenter, 296 days, at \$3.....	888.00
1 carpenter, 13 days, at \$3.....	39.00
1 carpenter, 58 days, at \$3.....	174.00
1 carpenter, 10 months, at \$91.....	910.00
1 carpenter, 301 days, at \$3.....	903.00
1 carpenter, 14 days, at \$3.....	42.00
1 skilled laborer, 314 days, at \$2.....	628.00
1 skilled laborer, 318½ days, at \$2.....	637.00
1 skilled laborer, 1 month 19½ days, at \$50.....	81.45
1 skilled laborer, 19 days, at \$50.....	30.65
1 skilled laborer, 11½ months, at \$50.....	575.00
1 skilled laborer, 275 days, at \$2.....	550.00
1 skilled laborer, 315 days, at \$1.75.....	551.25
1 cabinet-maker, 314 days, at \$3.....	942.00
1 painter, 12 days, at \$65.....	780.00
1 storekeeper, 12 months, at \$70.....	840.00
1 property clerk, 12 months, at \$90.....	1,080.00
1 laborer, 8½ months, at \$40.....	\$340.00
1 laborer, 19 days, at \$40.....	26.21
1 laborer, 1 month, at \$46.....	46.00
1 laborer, 1 month, at \$41.50.....	41.50
	<u>453.71</u>

\$13,885.81
87.96

Special or contract service

Total expenditures for salaries or compensation

13,973.77

Miscellaneous materials, etc.:

Exhibition cases.....	\$350.00
Drawings for cases.....	15.00
Drawers, trays, boxes.....	543.72
Frames, stands, etc.....	169.50
Glass.....	281.75
Hardware.....	1,016.95
Tools.....	45.59
Cloth, cotton, etc.....	63.05
Glass jars.....	1,062.97
Lumber.....	1,660.21
Paints, oil, brushes.....	499.70
Office furniture.....	765.00
Metals.....	367.14
Rubber and leather.....	122.28
Apparatus.....	129.00
Travel.....	2.00
Plumbing.....	632.00

7,725.86

Total expenditure July 1, 1891, to June 30, 1892, for furniture
and fixtures, 1892.....

21,699.63

Balance July 1, 1892, to meet outstanding liabilities.....

3,300.37

Detailed statement of expenditures from appropriation of \$25,000 for furniture and fixtures, National Museum, 1892.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Pay roll for July, 1891, services..	\$1,403.90	63	Broderick Bros. tin, lead	\$130.50
2	F. W. Devoe & Co., paints, oils..	80.00	64	W. H. Butler, glass	1.80
3	Geo. P. Clark, rubber goods	16.97	65	J. E. Hurley, hardware	4.00
4	Pay roll for August, 1891, services	1,295.50	66	J. E. Hurley, services (special)	14.25
5	Church & Stephenson, lumber ..	135.97	67	Thomas W. Smith, frames, stands, etc.	68.00
6	Shepherd & Hurley, apparatus..	129.00	68	N. V. Randolph & Co., drawers, trays, boxes	78.96
7	Pay roll for September, 1891, serv- ices	1,304.50	69	B. H. Shoemaker, glass	44.25
8	W. D. Doremus, hardware	5.00	70	Holbrook Bros., glass	46.60
9	B. H. Shoemaker, glass	32.84	71	Keen & Haggerty, services (spe- cial)	57.96
10	Andrew Renz, tools	1.50	72	Church & Stephenson, lumber ..	173.93
11	E. S. Schmid, hardware	5.75	73	Pay roll for January, 1892, serv- ices	1,172.50
12	D. Ballauf, hardware	4.00	74	W. W. Downing & Co., boxes ..	1.00
13	C. W. Downing & Co., drawers, trays, etc	5.75	75	J. B. Shannon & Sons, hardware ..	3.00
14	J. H. Chesley & Co., tin, lead, etc.	19.80	76	Geo. P. Clark, rubber goods	2.85
15	Francis Miller, paints, oils	3.25	77	P. Hanson Hiss Manufacturing Co., office furniture	240.00
16	W. H. Butler, paints	3.00	78	J. H. Chesley & Co., hardware, \$157.71; tin, lead, etc., \$12.81 ..	170.52
17	George Ryneal, jr., paints	8.75	79	R. Leitch & Sons, hardware	5.98
18	F. P. May & Co., rubber goods..	3.00	80	Chas. Becker, paints, oils, etc. ...	2.95
19	Robt. Boyd, paints	26.00	81	A. L. Pitney, hardware	16.50
20	N. V. Randolph & Co., drawers, trays, etc	120.50	82	W. H. Butler, paints, oils, etc. ...	21.32
21	do	6.00	83	E. G. Wheeler, leather and rub- ber goods, \$27.78; hardware, \$1.35	29.13
22	Andrew Renz, services (special)	11.25	84	P. Hanson Hiss Manufacturing Co., office furniture	162.00
23	P. H. Hess Manufacturing Co., cases	350.00	85	M. Lindsay, leather and rubber goods	55.62
24	L. H. Schneider's Son, tools, \$12.44; hardware, \$44.58	57.02	86	James B. Lambie, hardware .....	.75
25	Chas. Becker, paints	35.25	87	L. H. Schneider's Son, tools, \$1.80; hardware, \$21.08	22.88
26	Andrew Renz, tools	2.50	88	L. H. Schneider's Son, hard- ware	3.60
27	Pay roll for October, 1891, serv- ices	1,103.25	89	Barber & Ross, tools, \$3.50; hard- ware, 85 cents	4.35
28	Kane & Roache, plumbing	474.00	90	F. P. May & Co., hardware .....	.75
29	George Ryneal, jr., paints	19.50	91	W. C. Burroughs, office and hall furniture	300.00
30	Chas. Becker, paints	11.42	92	Yale & Towne Manufacturing Co., hardware	54.00
31	C. Dorfinger & Sons, glass bot- tles	97.75	93	Turner Jenkins, service (special)	2.00
32	W. H. Butler, glass, \$10.65; paints, \$18	28.65	94	L. H. Schneider's Son, hard- ware, \$9.90; paints, \$7.96	17.86
33	B. H. Shoemaker, glass	36.00	95	F. P. May & Co., hardware	5.91
34	Church & Stephenson, lumber ..	850.50	96	Whitall, Tatum & Co., glass jars	376.88
35	L. H. Schneider's Son, paints, \$3.20; tools, \$17.80; hardware, \$23.67	44.67	97	Pay roll for February, 1892, serv- ices	1,135.96
36	Lansburgh & Bro., cloth, etc	23.05	98	H. Landenburgher, glass jars	1.25
37	W. H. Douglas, hardware	22.76	99	Yale & Towne Manufacturing Co., hardware	2.25
38	Henry McShane & Co., lead	15.80	100	Albert L. Pitney, hardware	32.50
39	C. Becker, paints	33.35	101	P. Hanson Hess Manufacturing Co., leather and rubber goods ..	12.00
40	J. B. Hammond, frames, stands, etc	99.50	102	W. B. Moses & Sons, office fur- niture	32.00
41	Kane & Roache, plumbing	158.00	103	Jesse Jones & Co., drawers, trays, etc	71.00
42	Pay roll for November, 1891, services	1,047.25	104	Church & Stephenson, lumber ..	170.97
43	F. W. Devoe & Co., paints	18.50	105	C. Dorfinger & Sons, glass jars ..	500.84
44	Jesse Jones & Co., drawers, trays, etc	13.25	106	Pay roll for March, 1892, services	1,194.50
45	Julius Lansburgh, office furni- ture	4.25	107	Francis Miller, paints, oils, etc. ...	31.00
46	M. W. Beveridge, glass jars	4.00	108	Chas. Becker, paints, oils, etc. ...	33.35
47	George Ryneal, jr., office furni- ture, \$12.50; paints, \$23.76	36.26	109	Woodward & Lothrop, cloth, cotton, etc	20.00
48	J. H. Chesley & Co., tin, lead, \$4.23; hardware, \$2.50	6.43	110	Turner Jenkins, services (special)	2.50
49	A. L. Pitney, hardware	3.42	111	J. W. Barker, hardware	16.50
50	W. H. Butler, office furniture, \$4.50; paints, \$32.50; glass, \$5.70 ..	42.70	112	L. H. Schneider's Son, hard- ware, \$15.99; tools, \$2.75	18.74
51	E. A. Robbins, hardware	8.64	113	R. Goldschmid, office furniture ..	4.75
52	R. Leitch & Sons, hardware	20.74	114	W. D. Doremus, hardware	53.50
53	W. D. Doremus, hardware	260.00	115	L. H. Schneider's Son, hardware ..	15.38
54	F. P. May & Co., hardware	104.30	116	N. V. Randolph & Co., drawers, trays, etc	327.26
55	H. O. Towles, office and hall fur- niture	5.00	117	Pay roll for April, 1892, services	1,085.25
56	J. B. Shannon & Sons, hardware ..	12.00	118	Woodward & Lothrop, cloth, cotton, etc	12.00
57	L. H. Schneider's Son, tools, \$1.65; hardware, \$9.26	10.91			
58	C. Dorfinger & Sons, glass jars ..	13.95			
59	John Schmitt, drawers, trays	220.00			
60	Merchant & Co., tin, lead, etc. ...	184.00			
61	Pay roll for December, 1891, serv- ices	1,020.75			
62	W. C. De Pauw Co., glass	50.92			

Detailed statement of expenditures from appropriation of \$25,000 for furniture and fixtures, National Museum, 1892—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
119	Wm. H. Butler, glass, \$22.80; paints, 46 cents	\$23.26	131	Pay roll for May, 1892, services.	\$1,112.95
120	F. P. May & Co., tools, 80 cents; hardware, \$3.60	3.90	131a	B. and O. R. R., travel	2.00
121	A. L. Pitney, tools	1.85	132	Woodward & Lothrop, cloth, cotton, etc.	8.00
122	W. D. Doremus, hardware	.65	133	W. D. Doremus, frames, etc.	4.00
123	J. H. Chesley & Co., hardware	.90	134	F. P. May & Co., hardware	35.18
124	R. Leitch & Sons, hardware	1.68	135	Yale & Towne Manufacturing Co., hardware	7.80
125	Whitall, Tatum & Co., glass jars	33.83	136	L. H. Schneider's Son, hardware	17.57
126	R. Leitch & Sons, hardware	1.75	137	Chas. H. Ourand, drawings	15.00
127	E. J. Pullman, glass	5.10	138	M. Lindsay, rubber goods	4.05
128	F. W. Devoe & Co., paint	38.40	139	Whitall, Tatum & Co., glass jars	34.47
129	Francis Miller, paint, oil, etc.	28.00	140	Church & Stephenson, lumber.	328.80
130	George Rynear, Jr., paint, oil, etc., \$21.78; glass, \$25.08	46.86	141	Pay roll for June, 1892, services.	1,009.50
Total disbursements, July 1, 1891, to June 30, 1892					21,699.63
Balance July 1, 1892					3,300.37

Heating, lighting, electric, and telephonic service, July 1, 1891, to July 30, 1892.

Appropriation by Congress for the fiscal year ending 30th June, 1892, "for expenses of heating, lighting, electrical, telegraphic, and tel- ephonic service for the National Museum"	\$12,000.00
"For removing old boilers under Museum Hall in Smithsonian build- ing, replacing them with new ones, and for necessary alterations and connections of steam-heating apparatus and for covering pipes with fire-proof material." (Sundry civil act, March 3, 1891.)	3,000.00
	<u>15,000.00</u>

Expenditures.

Salaries or compensation:

1 engineer, 12 months, at \$115	\$1,380.00
1 fireman, 6 months 86 days, at \$50	\$443.91
1 fireman, 12 months, at \$50	600.00
1 fireman, 12 months, at \$50	600.00
1 fireman, 11 months 9 days, at \$50	564.52
	<u>2,208.43</u>
1 telephone clerk, 12 months, at \$60	720.00
1 telephone clerk, 12 months, at \$35	420.00
	<u>1,140.00</u>
1 laborer, 327 days, at \$1.50	490.50
Special service	20.00

Expenditures for salaries or compensation 5,238.93

General expenses:

Coal and wood	\$3,365.85
Gas	1,360.51
Telephones	622.65
Electric work	37.00
Electric supplies	87.53
Rental of call boxes	100.00
Heating repairs	329.00
Heating supplies	433.62
New boilers (special appropriation)	2,938.47
	<u>9,274.63</u>

Total expenditures July 1, 1891, to June 30, 1892,
for heating, lighting, etc 14,513.56

Balance July 1, 1892, to meet outstanding liabilities 486.44

Detailed statement of expenditures from appropriation of \$15,000 for heating and lighting National Museum, 1892.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Pay roll for July, 1891, services.	\$414.21	42	Robt. Leitch & Sons, supplies.	\$65.42
2	Gas Co.	68.00	43	Wm. H. Butler, supplies	1.00
3	Pay roll for August 1891, services	449.00	44	E. G. Wheeler, supplies	9.00
4	Gaslight Co. supplies, lighting.	30.30	45	J. E. Hurley, supplies	.50
5	W. E. Hodge, coal	970.00	46	Royce & Marean, electrical supplies	39.35
6	Geo. W. Dant, heating repairs	319.03	47	Mutual District Messenger Co., rental call boxes	10.00
7	Shepherd & Hurley, services (special)	15.00	48	W. E. Hodge, coal, \$210.60, and wood, \$20	220.60
8	W. W. Tupper & Co., heating supplies	200.00	49	Washington Gaslight Co., gas	177.50
9	W. E. Hodge, coal	976.30	50	E. F. Brooks, supplies	2.35
10	Pay roll for September, 1891, services	449.00	51	Robt. Leitch & Sons, supplies	15.88
11	Wm. H. Baum, coal	2.00	52	Pay roll for February, 1892, services	448.77
12	John K. Ward, heating supplies	11.00	53	Royce & Marean, electrical supplies	6.50
13	Gas Co., gas, August.	80.88	54	Wm. E. Hodge, coal	242.50
14	Mutual District Messenger Co., rental boxes July and August.	20.00	55	Royce & Marean, electrical work	7.50
15	C. A. Muddiman, heating supplies	6.00	56	John K. Ward, supplies	6.50
16	Gas Co., gas for September	101.88	57	Chesapeake and Potomac Telephone Co., telephones	6.40
17	Pay roll for October, 1891, services	450.50	58	Mutual District Messenger Co., rental call boxes	10.00
18	Chesapeake and Potomac Telephone Co., telephones, July-September	200.50	59	Washington Gaslight Co., gas for February	153.75
19	C. A. Muddiman, supplies	2.00	60	John K. Ward, supplies	6.50
20	J. L. Barbour & Son, supplies	4.34	61	Wm. E. Hodge, wood	45.50
21	S. S. Shedd & Bro., supplies	2.00	62	Mutual District Messenger Co., rental call boxes	10.00
22	Pay roll for November, 1891, services	447.50	63	Geo. W. Dant, heating repairs.	10.00
23	Chesapeake and Potomac Telephone Co., telephones	6.85	64	Pay roll for March, 1892, services	455.00
24	Gas Co., gas	115.25	65	Chesapeake and Potomac Telephone Co., telephones	200.00
25	Royce & Marean, elec. supplies, \$37.15, electrical work. \$7.50	44.65	66	Washington Gaslight Co., gas	131.25
26	Mutual District Messenger Co., rental call boxes	10.00	67	Wm. E. Hodge, coal, \$242.50, wood, \$45.50	288.00
27	Robt. Leitch & Sons, supplies	32.11	68	Royce & Marean, electrical supplies	3.25
28	J. H. Wilkerson, services, special	5.00	69	W. E. Beagle, services	15.00
29	Mutual District Messenger Co., rental call boxes	10.00	70	Payroll for April, 1892, services.	400.50
30	J. H. Chesley & Co., heating supplies	13.75	71	Washington Gaslight Co., gas, April.	116.00
31	Gaslight Co., gas for November	140.00	72	S. S. Shedd & Bro., supplies	1.50
32	W. E. Hodge, coal \$20.20, wood \$5.50	25.70	73	Robt. Leitch & Sons, heating supplies	2.60
33	C. G. Ball & Son, heating apparatus	121.00	74	S. C. Carter, coal	2.00
34	Pay roll for December, 1891, services	455.00	75	R. Leitch & Sons, heating supplies	14.37
35	A. L. Pitney, electrical supplies	1.28	76	do	48.47
36	Mutual District Messenger Co., rental call boxes	10.00	77	Mutual District Messenger Co., rental call boxes	10.00
37	Samuel Pope & Co., heating, special.	2,769.00	78	Pay roll for May, 1892, services.	399.00
38	Chesapeake and Potomac Telephone Co., telephones	200.50	79	John K. Ward, heating supplies	6.50
39	W. E. Hodge, wood \$25.50, coal \$45	510.50	80	Chesapeake and Potomac Telephone Co., telephone	8.40
40	Pay roll for January, 1892, services	436.45	81	Washington Gaslight Co., gas, May	103.25
41	Washington Gaslight Co., gas	173.25	82	Mutual District Messenger Co., rental call boxes	10.00
			83	J. S. Prescott, electrical work	22.00
			84	Wm. E. Hodge, coal and wood.	72.75
			85	Pay roll for June, 1892, services.	399.00
	Total disbursements, July 1, 1891, to June 30, 1892				14,513.56
	Balance, July 1, 1892				486.44

Postage, July 1, 1891, to June 30, 1892.

Appropriation by Congress for the fiscal year ending June 30, 1892, "for postage stamps and foreign postal cards for the National Museum." (Sundry civil act, March 3, 1891)..... \$500.00

Expenditures.

City post-office for postage and postal cards..... \$500.00
 Appropriation all expended July 1, 1892.

Printing, July 1, 1891, to June 30, 1892.

Appropriation by Congress for the fiscal year ending June 30, 1892, "for the Smithsonian Institution, for printing labels and blanks, and for the 'bulletins' and volumes of the 'proceedings' of the National Museum" (Sundry civil act March 3, 1891)..... \$15,000.00

For the Smithsonian Institution, for printing for the use of the National Museum, not exceeding (Deficiency act, March 3, 1891)..... 1,000.00
 ----- \$16,000.00

Expenditures.

Bulletins, Nos. 39, 40, 41, 42 \$3,639.03
 Bulletin, special, No. 1 (in part) 1,819.75
 Bulletin, special, No. 2 (in part) 427.95
 ----- \$5,886.73
 Proceedings, Vols. XIII, XIV, XV 2,317.96
 Extras from reports 310.87
 Lists, etc. 74.46
 Labels for specimens 2,023.66
 Letter heads, memorandum pads, and envelopes 125.14
 Blanks 360.05
 Record books 37.70
 Congressional Records 24.00

Total expenditure July 1, 1891, to June 30, 1892, for printing, National Museum..... \$11,160.57

Balance July 1, 1892..... 4,839.43

Building National Museum.

Appropriation by Congress "for removing the decayed wooden floors in the Museum building, substituting granolithic or artificial stone therefor, and for slate for covering trenches containing heating and electric apparatus, including all necessary material and labor, to be immediately available" (Sundry civil act, March 3, 1891)..... \$5,000.00

Expenditures.

From March 3, 1891, to June 30, 1892 4,474.64

Balance July 1, 1892, to meet outstanding liabilities 525.36

Detailed list of vouchers for expenditures from appropriation building National Museum during the fiscal year ending June 30, 1892.

No.	Items of expenditure.	Amount.
1	Geo. Richardson, artificial stone pavement.....	\$604.53
2	H. L. Cranford, artificial stone pavement.....	1,678.03
3	Geo. Richardson, artificial stone pavement.....	202.68
4	The Schillinger Paving Company, artificial stone pavement.....	684.15
5	do.....	1,305.25
	Total disbursements.....	4,474.64
	Balance July 1, 1892.....	525.36

DUTIES ON ARTICLES IMPORTED FOR NATIONAL MUSEUM.

Appropriation by Congress "to meet custom duties on glass, tin, and other dutiable articles and supplies imported for the United States National Museum"		\$1,000.00
Paid direct by Treasury Department:		
Duty on glass	\$642.75	
Duty on glass-top boxes	7.25	
Duty on glass	291.75	
		<u>941.75</u>
Balance July 1, 1892		<u>58.25</u>

NATIONAL ZOÖLOGICAL PARK.

Organization, improvement, maintenance.

Balance July 1, 1891	\$23,441.84
----------------------------	-------------

Expenditures from July 1, 1891, to June 30, 1892:

Shelter of animals	\$1,249.96	
Shelter-barns, cages, fences, etc	312.73	
Artificial ponds, etc	1,032.98	
Water supply, sewerage, and drainage	6,342.86	
Roads, walks, and bridges	4,755.81	
Miscellaneous supplies	867.53	
Current expenses	7,101.63	
		<u>21,663.50</u>
Balance July 1, 1892		<u>1,778.34</u>

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

	From April 30, 1890, to June 30, 1891.	From July 1, 1891, to June 30, 1892.	Total to June 30, 1892.
Shelter of animals	\$13,675.25	\$1,249.96	\$14,925.21
Shelter-barns, cages, fences, etc	8,643.33	312.73	8,956.06
Repairs to Holt mansion, etc	2,000.00		2,000.00
Artificial ponds, etc	56.16	1,032.98	1,089.14
Water supply, sewerage, and drainage	657.14	6,342.86	7,000.00
Roads, walks, and bridges	10,244.10	4,755.81	15,000.00
Miscellaneous supplies	4,132.47	867.53	5,000.00
Current expenses	29,149.62	7,101.63	36,251.25
Total	68,558.16	21,663.50	90,221.66

Detailed list of vouchers for expenditures National Zoological Park: Organization, improvement, maintenance.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
569	Pay roll, services	\$894.51	638	Wash. Naylor Cab Co., cab hire	\$8.50
570	L. H. Schneider's Son, hardware	89.07	639	Holiday & Richardson, animal house	731.00
571	Victor Mindeleff, services	100.00	640	United States Express Co., freight	32.30
572	C. E. Hoover, food for animals	20.66	641	E. Conklin, animals	47.00
573	Elwood Hofer, services	150.00	642	do.	37.00
574	W. H. Root, badgers	25.00	643	Pay roll, services	513.34
575	Gedney & Roberts, printing	35.25	644	S. H. Stephens, fox	10.00
576	Nixon Brewer, food for animals	189.45	645	Pay roll, services	552.14
577	E. S. Schmid, food for animals	20.00	646	Adams Express Co., freight	14.80
578	D. J. Howell, services	15.00	647	do.	63.95
579	Devereux & Gaghan, plumbing	19.76	648	Sansom & Martin, wild cats	10.00
580	Albert Neil, removing refuse	4.00	649	Church & Stephenson, lumber	28.76
581	Pay roll, services	781.39	650	Ernest Burgdoff, carriage hire	13.00
582	do.	568.88	651	Judd & Detweiler, printing	9.00
583	A. L. Pitney, tools and implements	10.35	652	C. S. Jones, services	13.71
584	The Building Register, advertising	5.32	653	Pay roll, services	680.50
585	F. R. Cooke, food for animals	74.10	654	A. L. Pitney, hardware and tools	124.05
586	Z. D. Gilman, bandages	.50	655	Joseph Mace, cartage	28.50
587	A. N. Nutz, badgers	10.00	656	D. J. Howell, services	55.50
588	A. L. Sheriff, coal	4.50	657	A. C. Down, armadillo	5.00
589	Henry Romeyn, deer, etc.	46.00	658	Woodward & Lathrop, blanket	1.50
590	Perry Downs, armadillo	2.60	659	Henry Romeyn, snakes	18.00
591	Church & Stephenson, lumber	76.45	660	Geo. W. Knox, cartage	40.00
592	Melville Lindsay, syringes	1.80	661	Geo. S. Anderson, steel traps, chains, etc.	9.35
593	Geo. W. Knox, cartage	79.00	662	W. A. Fry, repairing bridge pier	173.45
594	Hugh Waters, bridge piers	956.70	663	Pay roll, services	643.71
595	Joseph Mace, cartage	27.00	664	Pay roll, services laying water main	308.87
596	James H. McGill, pulp black	1.20	665	Geo. W. Knox, cartage	10.00
597	G. M. Hopkins, map	10.09	666	John McDermott & Bro., repairing wagons	32.00
598	B. J. Lynch, horseshoeing	7.50	667	United States Express Co., freight	67.80
599	United States Express Co., freight	29.30	668	Geo. Breitbarth, chairs	7.50
600	Thos. Somerville & Sons, gas pipe, etc.	3.76	669	A. Eberly's Sons, stove	15.70
601	S. S. Daish & Co, cement	11.00	670	L. W. Purinton, animals	5.00
602	J. B. Kendall, locks	3.00	671	A. M. Nicholson, foxes	8.00
603	Devereux & Gaghan, plumbing	148.46	672	W. A. Fry, repairing bridge pier	212.13
604	Poole & Brooke, whisky barrels	5.10	673	W. H. Blackburne, traveling expenses	21.75
605	C. M. Bell, photographs	20.00	674	H. W. Blunt, cement	67.20
606	Rufus H. Darby, posters	2.25	675	A. Froelich, antelope	20.00
607	E. Conklin, animals	97.50	676	Geo. F. Ahern, cinnamon bear	20.00
608	W. T. Hornaday, moose	80.00	677	Adams Express Co., freight	41.15
609	Hygienic Ice Co., ice	3.36	678	Fred A. Schmidt, rule caliper	.40
610	Geo. S. Bedford, badger	5.00	679	Pay roll, services	176.12
611	S. H. Stephens & Co., foxes	20.00	680	C. Hart Merriam, Arctic fox	12.00
612	Pay roll, services	547.76	681	George Christall, custom-house charges	8.85
613	E. H. Kiffin, cement	147.00	682	Easton & Rupp, stationery	23.33
614	Pay roll, services	663.85	683	E. Conklin, forwarding charges	3.00
615	Devereux & Gaghan, plumbing	627.00	684	S. H. Stephens & Co., animals	3.00
616	W. T. Weaver, hardware and tools	69.47	685	W. H. Butler, drawing materials	4.85
617	W. T. Weaver, iron	114.79	686	Adams Express Co., freight	52.40
618	L. W. Purinton, badger	5.00	687	W. A. Fry, repairing bridge pier	107.25
619	K. Knessl's Sons, harness	4.75	688	do.	145.13
620	John McDermott & Bro., repairs to wagon	37.25	689	Church & Stephenson, lumber	290.15
621	Chesapeake and Potomac Telephone Co., telephone	47.50	690	D. J. Howell, services	71.00
622	Rensburg & Ellfrott, drugs, etc.	6.10	691	A. L. Pitney, hardware and tools	28.90
623	J. J. Mahoney, food for animals	1.00	692	W. H. Butler, paints, oils, and brushes	25.40
624	Fred. W. Booth, board walk	67.12	693	Geo. White & Sons, gutter traps	35.20
625	Edw. S. Schmid, shipping cages and animals	129.50	694	George Creveling, laying gutters	292.91
626	George Christall, freight	9.80	695	E. G. Wheeler, pile driver monkey, etc.	25.96
627	Pay roll, services	548.48	696	Pay roll laying water main	558.99
628	Hugh Waters, cement	126.56	697	Pay roll, services	75.01
629	Pay roll, services	435.75	698	United States Express Co., freight	78.30
630	Geo. S. Anderson, wire netting, etc.	104.05	699	Henry Romeyn, snakes	10.00
631	C. Becker, harness, etc.	17.00	700	Camden Iron Works, cast-iron water pipe	1,126.38
632	D. J. Howell, services	103.60			
633	Mutual District Messenger Co., messenger service	.80			
634	A. von Bayer, plans for shifting box	1.75			
635	Geo. Ryneal, Jr., easel and tracing wheel	1.55			
636	G. G. Curtis, lumber	553.05			
637	H. Baumgarten, rubber stamps	.75			

Detailed list of vouchers for expenditures National Zoölogical Park: Organization, improvement, maintenance—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
701	Boulton, Bliss & Dallett, forwarding charges.....	\$2.50	764	Devereux & Gaghan, plumbing	\$523.00
702	E. F. Locke, animals.....	2.00	765	H. W. Blunt, cement.....	28.00
703	W. A. Fry, repairing bridge pier.	131.35	766	C. I. Croft, mountain turkeys..	3.00
704	Springmann & Bro., hauling hoisting engine.....	18.00	767	R. M. Bareleman, animals.....	34.13
705	Pay roll, services.....	319.75	768	A. L. Pitney, tools, etc.....	5.90
706	Church & Stephenson, lumber and flooring.....	282.75	769	D. J. Howell, services.....	51.12
707	H. W. Blunt, cement.....	84.00	770	Wyckoff, Seamans & Benedict, stationery.....	1.01
708	L. H. Schneider's Son, hardware, etc.....	7.66	771	W. H. Butler, varnish.....	4.00
709	L. H. Schneider's Son, wire and iron.....	14.13	772	Pay roll, services.....	31.50
710	Geo. W. Knox, hauling cast-iron water pipe.....	39.70	773	Glenn Brown, plans, etc.....	26.15
711	Thos. Somerville & Sons, terra-cotta pipe.....	276.69	774	Boulton, Bliss & Dallett, forwarding charges.....	11.50
712	W. J. Hoyt, inspecting c. i. pipe.	25.80	775	Adams Express Co., freight.....	17.30
713	V. Baldwin Johnson, coke.....	3.63	776	John Underwood & Co., typewriter brush.....	1.00
714	Henry McShane Manufacturing Co., pig lead, etc.....	100.07	777	Geo. T. Chambers & Co., strap iron, etc.....	9.27
715	Almon E. Kibbe, skunks.....	15.00	778	Thos. Somerville & Sons, terra-cotta pipe.....	26.45
716	Pettit & Dripps, rammers.....	3.00	779	W. T. & F. B. Weaver, hardware, tools, etc.....	5.95
717	E. T. Hill, armadillo.....	4.00	780	Henry Lyles, sand.....	.80
718	Easton & Rupp, files.....	4.00	781	E. G. Wheeler, jute packing.....	16.59
719	W. H. Harrover, zinc feed pans.	5.45	782	Henry McShane Manufacturing Co., pig lead.....	27.23
720	Pay roll, services.....	200.00	783	J. G. & J. M. Waters, cement.....	8.45
721	do.....	50.00	784	Pay roll, services.....	58.50
722	W. E. Hodge, coal.....	16.80	785	Water Department, District of Columbia, c. i. bends and branches.....	42.97
723	Walter F. Hewett, cement.....	22.75	786	U. S. Express Co., freight.....	9.55
724	D. J. Howell, services.....	108.50	787	Fred. Stone & Co., two-way valve.....	13.90
725	John Welsh, services.....	50.00	788	Joseph Mace, cartage.....	1.50
726	L. W. Purinton, animals.....	30.40	789	W. B. Benham, traps.....	6.25
727	F. P. May & Co., hardware.....	.25	790	W. A. Pate, sponges.....	1.50
728	Pay roll, services.....	50.47	791	Thos. Somerville & Sons, terra-cotta pipe.....	10.00
729	Evening Star Newspaper Co., advertising.....	16.21	792	Wm. Ballantyne & Sons, stationery and books.....	8.48
730	A. L. Pitney, lanterns, coal hods, etc.....	4.40	793	Henry Romeyn, snakes.....	12.00
731	Wm. Ballantyne & Sons, stationery.....	1.05	794	F. L. Kilborne, services.....	10.00
732	E. Morrison Paper Co., stationery.....	.99	795	Pay roll, services.....	34.50
733	John C. Parker, ink.....	.43	796	Adams Express Co., freight.....	.25
734	Pay roll, services.....	57.00	797	Capitol, North O Street and South Washington Ry. Co., car tickets.....	10.00
735	W. H. Root, antelopes.....	50.00	798	Lewis Hopfenmaier, sheep skin.....	1.25
736	Roger Wells, jr., animals.....	29.50	799	Wyckoff, Seamans & Benedict, typewriter case.....	2.50
737	W. T. Weaver, iron, nuts, etc.....	11.34	800	J. Edw. Chapman, long pine wood.....	8.38
738	W. T. Weaver, tools and blasting materials.....	18.51	801	P. Mann, fertilizer.....	28.00
739	W. T. Weaver, hardware, tools, etc.....	51.96	802	J. C. Parker, paper.....	.85
740	Pay roll, services.....	35.50	803	F. M. Walker, soap.....	1.00
741	do.....	53.61	804	Roger Wells, jr., animals.....	15.00
742	Pay roll, laying water main.....	83.49	805	Jas. L. Barbour & Son, brooms.....	1.60
743	E. B. Vaughn, catamount.....	6.00	806	Capitol, North O Street and South Washington Ry. Co., car tickets.....	10.00
744	S. H. Stephens & Co., otter.....	20.00	807	U. S. Express Co., freight.....	8.90
745	Leggat Bros., books.....	30.00	808	Adams Express Co., freight.....	1.15
746	Judd & Detweiler, printing.....	5.00	809	Wm. Ballantyne & Sons, arm rest.....	.50
747	James R. Thomas, sheet-iron cage.....	30.50	810	W. H. Butler, paint and oil.....	12.95
748	C. Becker, paint.....	6.67	811	Melville Lindsay, rubber horse cover, etc.....	8.50
749	A. L. Pitney, hardware.....	2.64	812	Geo. Ryeal, jr., kerosene, turpentine, etc.....	7.37
750	Angus Lamond, terra-cotta pipe.....	6.50	813	Church & Stephenson, sawdust.....	4.00
751	B. Westermann & Co., books.....	6.22	814	Church & Stephenson, lumber.....	90.47
752	E. Conklin, animals.....	113.00	815	Evening Star Newspaper Co., advertising.....	10.32
753	Capital Hill Brick Co., bricks.....	25.50	816	Easton & Rupp, stationery.....	.93
754	D. J. Howell, services.....	19.50	817	D. J. Howell, services.....	18.00
755	Pay roll, services.....	44.00	818	E. Morrison Paper Co., ink-stands.....	3.60
756	E. Montrap, signs and labels.....	21.70	819	Pay roll, services.....	39.36
757	F. L. Olmsted & Co., services landscape architects.....	300.00			
758	Brentano's, books.....	32.50			
759	Jas. L. Barbour & Son, brooms, etc.....	1.68			
760	Church & Stephenson, lumber.....	5.66			
761	William Wesley & Son, books.....	24.70			
762	Pay roll, services.....	22.00			
763	John McDermott & Bro., wagon.....	25.00			

Detailed list of vouchers for expenditures National Zoölogical Park: Organization, improvement, maintenance—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
820	W. T. & F. B. Weaver, hardware, etc.....	\$11.76	824	Church & Stephenson, lumber.....	\$3.49
821	W. T. & F. B. Weaver, hardware and tools.....	16.76	825	do.....	5.81
822	J. H. Chesley & Co., zinc and solder.....	5.20	826	W. H. Butler, linseed oil.....	2.75
823	P. Mann, clover seed, etc.....	3.45	827	D. J. Howell, services.....	15.00
	Less amount deposited in U. S. Treasury to cover excess of payment in voucher No. 505.....		828	Pay roll, services.....	361.50
	Total disbursements July 1, 1891, to June 30, 1892.....				21,668.57
	Balance July 1, 1892.....				5.07
					21,663.50
					1,778.34

National Zoölogical Park Buildings, 1892.

Appropriation by Congress "for erecting and repairing buildings and inclosures for animals and for administrative purposes in the National Zoological Park, including salaries or compensation of all necessary employes, eighteen thousand dollars." (Sundry civil act, March 3, 1891)..... \$18,000.00

Expenditures from July 1, 1891, to June 30, 1892.

Fencing.....	\$107.50
Fuel.....	4.20
Glass, paint, oil, etc.....	227.40
Hardware, tools, etc.....	1,249.98
Heating apparatus.....	3,545.00
Lumber.....	3,023.41
Miscellaneous.....	33.10
Plans, drawings, etc.....	575.00
Salaries or compensation.....	8,624.32
Stone, brick, lime, cement.....	328.55
	17,768.46
Balance July 1, 1892.....	231.54

Detailed list of vouchers for expenditures from appropriation National Zoölogical Park buildings, 1892, during the fiscal year ending June 30, 1892.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Pay roll, services.....	\$325.49	21	Pay roll, services.....	\$2,030.59
2	do.....	379.92	22	Charles Becker, paints, oil, glass.....	121.74
3	W. T. Weaver, iron, rivets, etc.....	67.82	23	Pay roll, services.....	501.25
4	Pay roll, services.....	503.75	24	The Jackson-Jones Co., lime.....	33.50
5	do.....	590.25	25	Geo. Ryneal, jr., turpentine and glass.....	3.40
6	A. L. Pitney, hardware, wire netting, etc.....	196.99	26	Chas. G. Ball & Son, heating and ventilating apparatus.....	2,500.00
7	Church & Stephenson, lumber.....	939.57	27	Church & Stephenson, lumber.....	1,637.33
8	Pay roll, service.....	507.87	28	H. W. Blunt, cement.....	33.60
9	do.....	628.03	29	Pay roll, services.....	74.75
10	Geo. G. Curdiss, cedar posts.....	107.50	30	Glenn Brown, services as architect.....	515.00
11	W. H. Butler, paints, oils, brushes.....	59.55	31	L. H. Schneider's Son, hardware, ventilators.....	7.20
12	W. T. Weaver, hardware, tools, iron.....	270.13	32	Thos. Somerville & Sons, brass globe, valve, etc.....	1.66
13	F. W. Booth, bricks, etc.....	13.95	33	Acker & Co., granite arch stones.....	200.00
14	Pay roll, services.....	1,890.11	34	O. L. Wolfsteiner, lining cages, etc.....	57.80
15	Chas. Becker, paints, oil, glass.....	25.26	35	Pay roll, services.....	100.25
16	Church & Stephenson, lumber.....	370.68	36	Pay roll, services.....	25.00
17	A. L. Pitney, hardware, wire netting, etc.....	101.85	37	W. E. Hodge, coal.....	4.20
18	J. Blake Kendall, locks.....	4.80			
19	M. G. Copeland & Co., flag.....	6.75			
20	Poole & Brooke, whisky barrels.....	7.50			

Detailed list of vouchers for expenditures from appropriation National Zoological Park buildings, 1892, during the fiscal year ending June 30, 1892—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
38	W. H. Butler, paints, oils, and glass.....	\$7.40	53	Church & Stephenson, lumber.....	\$65.33
39	Pay roll, services.....	25.00	54	Pay roll, services.....	83.50
40	Chas. Becker, putty.....	3.80	55	W. T. & F. B. Weaver, roll and cap roofing, etc.....	232.82
41	J. T. Walker Sons, furnishing and laying felt roofing.....	47.50	56	Pay roll, services.....	47.50
42	Chas. G. Ball & Son, heating and ventilating apparatus.....	1,045.00	57	Glenn Brown, services as architect.....	60.00
43	Pay roll, services.....	75.00	58	Pay roll, services.....	25.00
44	A. L. Pitney, hardware, wire netting, etc.....	138.78	59	W. A. Pate, iron kettle.....	3.50
45	Booth & Adams, carpentry on cages.....	85.00	60	Pay roll, services.....	25.00
46	Pay roll, services.....	9.00	61	do.....	49.00
47	do.....	43.00	62	do.....	71.50
48	W. T. Weaver, wire rope, iron, tools, etc.....	202.45	63	do.....	88.69
49	J. H. Chesley & Co., solder.....	2.80	64	W. H. Butler, glass.....	6.25
50	J. Edward Libbey, lumber.....	10.50	65	Pay roll, services.....	127.62
51	Pay roll, services.....	83.50	66	do.....	130.32
52	John E. Morrow, blacksmithing.....	7.55	67	do.....	65.93
			68	W. T. & F. B. Weaver, iron, roofing, hardware.....	34.68
			69	Pay roll, services.....	32.50
Total expenditure July 1, 1891, to June 30, 1892.....					17,768.46
Balance July 1, 1892.....					231.54

National Zoological Park, Improvements, 1892.

Appropriation by Congress "for continuing the construction of roads, walks, bridges, water supply, sewerage, and drainage, and for grading, planting, and otherwise improving the grounds of the National Zoological Park, including salaries or compensation of all necessary employes, fifteen thousand dollars" (Sundry civil act, March 3, 1891) - \$15,000.00

Expenditures from July 1, 1891, to June 30, 1892.

Building bridge (contract).....	\$1,742.50
Building material.....	544.17
Freight.....	74.00
Hardware.....	17.20
Lumber.....	333.09
Salaries or compensation.....	8,181.84
Settees, etc.....	420.00
Supplies.....	81.95
Surveying, plans, and drawings.....	2,961.79
Tools and implements.....	173.77
Travelling expenses, etc.....	68.50
Trees, plants, and fertilizers.....	279.85
	14,878.66
Balance July 1, 1892.....	121.34

Detailed statement of vouchers for expenditures for National Zoölogical Park: Improvements 1892, from July 1, 1891, to June 30, 1892.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Pay roll, services	\$316.39	45	Chas. G. Smith & Son, broken stone	\$12.04
2	W. T. Weaver, blasting materials	60.90	46	Pay roll, services	82.50
3	Pay roll, services	761.00	47	John E. Morrow, blacksmithing	8.49
4	D. J. Howell, services	51.75	48	F. L. Olmsted & Co., services	300.00
5	S. Jackson, services	7.50	49	Pay roll, services	82.50
6	W. H. Penland & Co., hire of horse	3.00	50	Forsberg & Murray, forging, etc	9.50
7	J. T. Hundley, signs	11.06	51	Pay roll, services	82.50
8	Pay roll, services	1,119.03	52	do	82.50
9	Church & Stephenson, lumber	46.77	53	Thos. Somerville & Sons, terra cotta pipe	32.73
10	D. J. Howell, services	301.00	54	Pay roll, services	116.00
11	W. A. Fry, superstructure of bridge	1,742.50	55	Peter Henderson & Co., grass seed	10.00
12	E. H. Kirlin, cement	18.90	56	Pay roll, services	144.00
13	Pay roll, services	1,008.62	57	A. L. Pitney, nails	8.40
14	Wm. Linkins, stone	80.00	58	Pay roll, services	191.03
15	Belmont Iron Works, settees, etc	420.00	59	Geo. White & Sons, c. i. grate and frame	8.80
16	Pay roll, services	1,249.18	60	Pay roll, services	151.75
17	Geo. W. Knox, freight	56.00	61	do	99.50
18	A. P. Fardon, stone	187.50	62	do	35.93
19	H. W. Blunt, cement	148.96	63	D. J. Howell, services	27.00
20	Pay roll, services	1,071.19	64	John Saul, trees and shrubs	25.60
21	Church & Stephenson, lumber	31.25	65	William Parry, trees and shrubs	6.00
22	D. J. Howell, services	97.00	66	Capitol Hill Brick Company, bricks	9.00
23	James H. McGill, mortar black	18.68	67	The Wm. H. Moon Co., trees and shrubs	18.50
24	Wm. E. Clark & Co., plow and shares	45.00	68	Hoopes Bro. & Thomas, trees and shrubs	48.80
25	W. H. Butler, paints, oils, brushes	19.85	69	R. Douglas & Sons, trees and shrubs	4.00
26	P. Mann, plow beam	1.50	70	Pay roll, services	92.50
27	Pay roll, services	562.42	71	C. Risbam & Sons, trees and shrubs	24.00
28	do	26.50	72	H. S. Anderson, trees and shrubs	19.00
29	D. J. Howell, services	194.80	73	Ellwanger & Barry, trees and shrubs	20.25
30	W. A. Fry, superstructure of bridge	1,742.50	74	Jacob W. Manning, trees and shrubs	24.25
31	Church & Stephenson, lumber	224.95	75	Pay roll, services	122.25
32	Jas. H. McGill, acid	1.20	76	Church & Stephenson, lumber	13.60
33	Pay roll, services	32.50	77	Frost & Co., trees and shrubs	1.75
34	Wm. S. Moore, pile castings	36.36	78	Thos. Meehan & Sons, trees and shrubs	31.00
35	J. J. Mahoney, manure	4.20	79	Parsons & Sons Co., trees and shrubs	52.50
36	W. A. Fry, repairing bridge piers	39.49	80	W. A. Fry, lumber	16.52
37	W. A. Fry, repairing bridge pier	137.75	81	Pay roll, services	52.50
38	Wash Nailor Cab Company, hire of cab	6.75			
39	Pay roll, services	82.50			
40	W. A. Fry, wing walls of bridge	112.25			
41	D. J. Howell, services	10.00			
42	W. T. Weaver, tools, implements, etc	127.27			
43	Pay roll, services	82.50			
44	Springman & Bro., hauling hoisting engine	18.00			
	Less disallowances in vouchers Nos. 3 and 16				14,883.66
					5.00
	Total disbursements National Zoölogical Park, improvements, 1892				14,878.66
	Balance July 1, 1892				121.34

National Zoological Park, Maintenance, 1892.

Appropriation by Congress "for care, subsistence, and transportation of animals for the National Zoological Park and for the purchase of rare specimens not otherwise obtainable, including salaries or compensation of all necessary employes, and general incidental expenses not otherwise provided for, seventeen thousand five hundred dollars. (Sundry civil act, March 3, 1891)	\$17,500.00
For care and subsistence of animals for the National Zoological Park, fiscal year 1892, one thousand dollars. (Deficiency act, March 8, 1892).....	1,000.00
	18,500.00

Expenditures from July 1, 1891, to June 30, 1892.

Coal and wood.....	\$263.12
Food for animals.....	3,738.12
Freight and hauling.....	222.91
Hardware, etc.....	76.05
Horse-shoeing.....	33.14
Lumber.....	27.50
Miscellaneous expenses.....	394.22
Salaries or compensation.....	10,984.12
Stationery and printing.....	72.77
Specimens.....	1,301.55
	17,113.50
Balance July 1, 1892.....	1,386.50

Detailed list of vouchers for expenditures from appropriation National Zoological Park, maintenance, 1892, during fiscal year ending June 30, 1892.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Pay roll, services.....	\$140.75	37	Chesapeake & Potomac Telephone Company, telephones.....	\$47.50
2	Nixon Brewer, food for animals.....	187.00	38	Pay roll, services.....	235.50
3	E. S. Schmid, food for animals.....	8.55	39	W. F. Hewitt, food for animals.....	142.02
4	Wm. Ballantyne & Sons, stationery.....	9.88	40	American Ice Co., ice.....	2.55
5	F. R. Cooke, food for animals.....	78.16	41	H. Baumgarten, stationery.....	1.50
6	Capitol, North O Street & South Washington Ry. Co., supplies.....	10.00	42	W. H. Penland & Co., services.....	3.00
7	C. E. Hoover, food for animals.....	54.67	43	H. Reiche, specimens.....	750.00
8	W. R. Herbert, supplies.....	64.56	44	G. Brown Goode, cab hire.....	.75
9	Judd & Detweiler, printing.....	33.00	45	J. J. Mahoney, food for animals.....	18.20
10	Pay roll, services.....	224.75	46	Springmann & Bro., freight.....	5.00
11	F. R. Cooke, food for animals.....	88.80	47	Jos. Mace, freight.....	30.50
12	A. E. Brown, services.....	100.00	48	Pay roll, services.....	106.75
13	S. E. Bebant, specimens.....	300.00	49	do.....	385.82
14	Nixon Brewer, food for animals.....	154.96	50	Danenhower & Co., feed.....	5.00
15	E. S. Schmid, food for animals.....	12.20	51	Melville Lindsay, supplies.....	7.65
16	Pay roll, services.....	510.82	52	Geo. Ryneal, jr., supplies.....	4.82
17	do.....	201.75	53	W. R. Herbert, disinfecting apparatus.....	50.00
18	do.....	433.34	54	Church & Stephenson, lumber.....	4.00
19	Wyckoff, Seaman's & Benedict, supplies.....	1.00	55	C. M. Reed, services.....	3.75
20	W. F. Hewitt, food for animals.....	106.52	56	C. E. Hoover, feed.....	78.70
21	Pay roll, services.....	433.32	57	E. S. Schmid, feed.....	9.86
22	J. J. Mahoney, food for animals.....	5.00	58	F. R. Cooke, feed.....	131.21
23	C. E. Hoover, food for animals.....	114.79	59	Wyckoff, Seaman's & Benedict, stationery.....	1.20
24	Pay roll, services.....	213.50	60	American Ice Co., ice.....	.92
25	Church & Stephenson, lumber.....	4.00	61	Remsburg & Elliott, supplies.....	3.10
26	E. S. Schmid, food for animals.....	13.08	62	Mutual District Messenger Company, services.....	.65
27	Nixon Brewer, food for animals.....	67.50	63	L. H. Schneider's Son, hardware.....	.58
28	Capitol, North O Street & South Washington Ry. Co., supplies.....	10.00	64	Geo. W. Knox, Express, freight.....	3.00
29	H. Baumgarten, supplies.....	1.00	65	John C. Parker, stationery.....	1.13
30	B. J. Lynch, horse-shoeing.....	9.75	66	John Underwood & Co., stationery.....	1.00
31	F. R. Cooke, food for animals.....	115.21	67	Capitol, North O Street and South Washington Ry. Co., supplies.....	10.00
32	B. J. Lynch, horse-shoeing.....	6.50	68	Pay roll, services.....	435.84
33	J. McDermott & Bro., repairs.....	23.25	69	do.....	7.50
34	Easton & Rupp, stationery.....	14.75			
35	T. R. Mitchell, printing.....	5.75			
36	Pay roll, services.....	445.84			

Detailed list of vouchers for expenditures from appropriation National Zoological Park, maintenance 1892, during fiscal year ending June 30, 1892—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
70	W. E. Hodge, coal	\$46.60	129	E. S. Schmid, feed	\$12.00
71	W. F. Hewett, feed	131.62	130	C. Schneider, feed	60.90
72	A. E. Brown, services	150.00	131	F. M. Walker, feed	16.45
73	Adams Express Co., freight	37.60	132	L. E. Morgal, services	1.25
74	U. S. Express Co., freight	37.90	133	W. T. & F. B. Weaver, hard- ware	15.45
75	F. R. Cooke, feed	92.90	134	R. A. Golden, feed	5.50
76	E. S. Schmid, feed	6.00	135	Pay roll, services	382.91
77	Chas. Schneider, feed	16.80	136	P. Mann, feed	31.00
78	F. M. Walker, feed	17.74	137	W. F. Hewett, feed	156.28
79	J. J. Mahoney	18.00	138	Pay roll, services	466.92
80	Wash Nalor Cab Co., cab hire .....	.75	139	C. Schneider, feed	65.10
81	Pay roll, services	384.03	140	Chesapeake and Potomac Tele- phone Co., telephones	37.50
82	B. F. Guy & Co., stoves	55.75	141	B. J. Lynch, horseshoeing	8.76
83	B. J. Lynch, horseshoeing	10.00	142	K. Knessel's Sons, supplies	2.00
84	Z. D. Gillman, supplies	1.60	143	F. M. Walker, feed	26.22
85	A. L. Pitney, hardware	8.65	144	J. J. Mahoney, feed	18.80
86	Pay roll, services	381.81	145	A. L. Pitney, hardware .....	.30
87	W. T. Weaver, supplies	1.95	146	R. A. Golden, feed	6.50
88	L. H. Schneider's Son, hardware	1.15	147	Pay roll, services	522.91
89	B. F. Guy & Co., supplies .....	.75	148	Roger Welles, jr., specimens	182.30
90	Adams Express Co., freight	17.25	149	W. F. Hewett, feed	153.49
91	C. Becker, repairs	5.10	150	Pay roll, services	603.22
92	Wm. H. Penland & Co., carriage hire	3.00	151	Melville Lindsay, supplies	4.75
93	W. F. Hewett, feed	143.46	152	E. S. Schmid, feed	6.00
94	Jos. Mace, hauling	19.50	153	F. M. Walker, feed	23.35
95	F. M. Walker, feed	29.40	154	Danenhower & Co., feed	4.25
96	Danenhower & Co., feed	5.25	155	Chas. Schneider, feed	58.80
97	A. L. Pitney, hardware	2.60	156	Church and Stephenson, lumber	8.00
98	C. Becker, repairs	1.25	157	J. J. Mahoney, feed	18.00
99	C. Schneider, feed	65.10	158	Pay roll, services	659.90
100	Chesapeake and Potomac Tel- ephone Co., telephones	42.72	159	R. A. Golden, feed	4.75
101	J. J. Mahoney, feed	18.60	160	Frank Baker, freight	7.53
102	Pay roll, services	382.91	161	Geo. W. Knox Express, freight	12.23
103	Washington city post-office, stamps	5.00	162	Roger Welles, jr., specimens	69.25
104	C. E. Hoover, feed	161.49	163	John W. Langdale, services	6.00
105	Capitol, North O Street and South Washington Ry. Co., supplies	10.00	164	D. J. Howell, services	27.00
106	Church & Stephenson, lumber	4.00	165	Danenhower & Co., feed	4.50
107	E. S. Schmid, feed	2.50	166	J. Lohmann, supplies	3.25
108	Pay roll, service	382.92	167	M. Lindsay, supplies	3.50
109	W. E. Hodge, coal	135.50	168	Pay roll, services	672.08
110	W. F. Hewett, feed	154.89	169	W. F. Hewett, feed	155.10
111	J. J. Mahoney, feed	18.60	170	J. J. Mahoney, feed	21.20
112	U. S. Express Co., freight	58.10	171	J. W. Magarity, supplies	7.50
113	F. M. Walker, feed	27.25	172	F. M. Walker, feed	34.80
114	E. S. Schmid, feed	12.00	173	Jos. Mace, hauling	4.50
115	Rensburg & Elliott, supplies	2.05	174	Pay roll, services	720.03
116	B. J. Lynch, horse-shoeing	8.13	175	C. Becker, supplies	2.25
117	C. Schneider, feed	65.10	176	Chas. Schneider, feed	45.90
118	R. A. Golden, feed	4.00	177	R. A. Golden, feed	3.00
119	Wyckoff, Seamons & Benedict, stationery	2.56	178	E. S. Schmid, feed	5.00
120	Pay roll, services	382.91	179	Geo. Christall, freight	3.00
121	Geo. Ryneal, jr., supplies	4.77	180	Adams Express Co., freight	18.90
122	M. Lindsay, supplies	3.92	181	do	1.25
123	P. Mann, feed	24.60	182	U. S. Express Co., freight	2.10
124	W. F. Hewett, feed	166.65	183	Mut. Dis. Messgr. Co., services .....	.25
125	Z. D. Gillman, supplies	2.73	184	W. F. Hewett, feed	132.70
126	Danenhower & Co., feed	3.75	185	John P. Agnew & Co., coal	19.75
127	Pay roll, services	385.92	186	P. May, supplies .....	.75
128	J. J. Mahoney, feed	17.40	187	Rensburg & Elliott, supplies	4.25
			188	Swiss Steam Laundry, services .....	.67
			189	C. E. Hoover, feed	85.80
			190	Pay roll, services	593.92
	Total disbursements				17,113.50
	Balance July 1, 1892				1,386.50

SMITHSONIAN INSTITUTION BUILDING—REPAIRS.

Balance July 1, 1891, as per last annual report (52d Cong., 1st sess., H. R. Mis. Doc. 28)..... \$22,585.77

Expenditures from July 1, 1891, to June 30, 1892.

Building material, lime, cement, etc	\$230.47
Copper gutters, flashing, etc	545.65
Glass	305.71
Hardware	136.66
Iron roof and ceiling (contract)	4,663.12
Lumber	230.67
Miscellaneous	19.25
Plastering (contract)	2,176.50
Services, (carpenters, painters, laborers, etc)	1,490.01
Slate-work (contract)	603.65
Window sash, etc	323.00
	10,724.69

Balance July 1, 1892..... 11,861.08

Detailed list of vouchers for expenditures for Smithsonian Institution Building, repairs, from July 1, 1891, to June 30, 1892.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
17	Israel Green, miscellaneous	\$12.00	50	John W. Stewart, services	\$12.00
18	Phoenix Iron Co., iron roof and ceiling	2,970.00	51	Benjamin Williams, services	7.50
19	Pay roll, services	177.86	52	The Jackson-Jones Company, building materials	45.00
20	William Fuller & Co., services	3.80	53	W. J. Mount, plastering	224.50
21	E. G. Wheeler, hardware, etc	22.35	54	J. D. Apply, services	9.00
22	Pay roll, services	186.48	55	John W. Stewart, services	9.00
23	A. N. Hartman, slate work	225.00	56	Charles Meyer, services	54.00
24	Geo. W. Dant, services	108.00	57	Charles Ford, building materials	9.17
25	Pay roll, services	144.74	58	Wimsatt & Uhler, lumber	151.19
26	Phoenix Iron Co., iron roof and ceiling	1,285.00	59	Benjamin Williams, services	1.50
27	do	408.12	60	John W. Stewart, services	12.00
28	W. D. Wyvill, copper gutters, etc	545.65	61	do	18.00
29	Ann Miller, building materials	13.02	62	Benjamin Williams, services	10.12
30	James Grace, services	7.00	63	Julius Morton, services	7.50
31	O. L. Wolfsteiner & Co., window sash, etc	197.00	64	do	10.50
32	John Worley, services	24.00	65	W. J. Mount, plastering	201.50
33	A. N. Hartman, slate work	378.65	66	Benjamin Williams, services	12.75
34	Charles Ford, building materials	70.83	67	Thomas Wood, services	12.25
35	James H. Kolb, services	12.00	68	John Dudley, services	12.25
36	James Grace, services	22.75	69	John W. Stewart, services	24.00
37	James H. Kolb, services	12.00	70	Charles E. Hodgkin, glass	238.00
38	J. T. Walker Sons, building materials	29.80	71	W. J. Edbrooke, miscellaneous	6.00
39	E. G. Wheeler, hardware, etc	63.28	72	Israel Green, miscellaneous	1.25
40	W. J. Mount, plastering	900.00	73	E. G. Wheeler, hardware, etc	2.76
41	John Devine, services	10.50	74	Charles Meyer, services	21.00
42	James H. Kolb, services	21.00	75	Pay roll, services	107.76
43	Church & Stephenson, lumber	79.48	76	do	72.00
44	E. G. Wheeler, hardware, etc	31.66	77	do	104.00
45	W. J. Mount, plastering	603.00	78	Thomas W. Smith, window sash, etc	126.00
46	do	247.50	79	Pay-roll, services	94.75
47	W. H. Butler, building materials	18.50	80	W. D. Wyvill, building materials	35.15
48	Charles Kennedy, building materials	9.00	81	Robt. Letch & Sons, hardware, etc	13.61
49	Joseph Sullivan, services	6.00	82	Pay roll, services	79.00
			83	Charles E. Hodgkin, glass	67.71
			84	Pay roll, services	63.00
	Total disbursements July 1, 1891, to June 30, 1892.....				10,724.69
	Balance July 1, 1892.....				11,861.08

ASTRO-PHYSICAL OBSERVATORY—SMITHSONIAN INSTITUTION,
1892.

Appropriation by Congress "for maintenance of Astro-physical Observatory under the direction of the Smithsonian Institution, including salaries of assistants and the purchase of additional apparatus (Sunday civil act, March 3, 1891) \$10,000.00

Expenditures from July 1, 1891, to June 30, 1892.

Salaries or compensation :

1 senior assistant, 7½ months, at \$200.....	\$1,500.00
1 astronomer, 1 month at \$180, 11½ days at \$180.....	246.77
1 assistant, 10 days, at \$166.66.....	55.55
1 assistant, 1 month at \$60, 17 days at \$60, 1½ months at \$83.33, 9 days at \$83.33.....	242.89
1 aid, 3 months at \$45, 30 days at \$45.....	178.55
1 photographer, 1 month at \$158.33, 16 days at \$158.33, 15 days at \$158.33.....	316.66
1 photographer, 1 month, at \$150.....	150.00
1 instrument-maker, 9½ days at \$60, 157½ hours at 25 cents.....	56.80
1 draftsman, 246 hours, at 60 cents.....	147.60
1 carpenter, 3½ days, at \$3.....	10.50
1 carpenter, 1½ months at \$91, 11½ days at \$91.....	170.26
1 laborer, 3 months at \$50, 4 months at \$60.....	390.00

Total salaries or compensation..... \$3,465.58

General expenses :

Apparatus and appliances.....	\$3,841.42
Electric work.....	280.50
Freight.....	41.57
Miscellaneous supplies.....	480.80
Office furniture.....	29.75
Painting.....	8.00
Plumbing and gas-fitting.....	26.70
Printing blanks, etc.....	18.00
Reference books and binding.....	419.19
Skylight.....	145.00
Travelling expenses.....	87.10

5,378.03

Total expenses, Astro-physical Observatory..... \$8,843.61

Balance July 1, 1892..... 1,156.39

Detailed list of vouchers for expenditures from appropriation Astro-physical Observatory, Smithsonian Institution, 1892, during fiscal year ending June 30, 1892.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Henry Troemner, analytical balance.....	\$184.20	15	Bernard Quaritch, reference books.....	\$83.30
2	John A. Brashear, apparatus.....	662.75	16	John A. Brashear, apparatus.....	125.00
3	John A. Brashear, apparatus.....	110.00	17	Wm. Grunow, apparatus.....	265.00
4	Goodnow & Wightman, supplies.....	8.60	18	W. H. Butler, supplies.....	2.40
5	Leggat Bros., reference books.....	5.78	19	C. Schneider, speaking tube.....	9.00
6	C. C. Hutchins, services.....	180.00	20	Z. D. Gltman, supplies.....	4.13
7	Elliott Brothers, apparatus.....	489.00	21	L. H. Schneider's Son, supplies.....	3.15
8	C. C. Hutchins, services.....	66.77	22	F. P. May & Co., supplies.....	1.11
9	Judd & Detweiler, supplies.....	18.00	23	Washington Gaslight Co., gas.....	.25
10	Peter A. Frasse & Co., vernier caliper.....	13.50	24	O. L. Wolfstener & Co., sky-light.....	145.00
11	H. Baumgarten, stamp.....	1.25	25	Adams Express Co, freight.....	2.55
12	Royce & Marean, electric supplies.....	7.40	26	do.....	1.50
13	Adams Express Co, freight.....	6.35	27	S. P. Langley, hire of horse and buggy.....	6.00
14	American Watch and Tool Co., countershaft for lathe.....	12.00	28	The C. C. Electric Motor Co., motor.....	132.00
			29	Fauth & Co., apparatus.....	353.50

Detailed list of vouchers for expenditures from appropriation *Astro-physical Observatory, Smithsonian Institution, 1892, etc.*—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
30	The Accumulator Co., electric supplies	\$124.92	97	Chas. T. Child, services	\$32.90
31	John C. Parker, record books	3.45	98	C. A. Saunders, services	22.50
32	S. P. Langley, travelling expenses	29.00	99	Mrs. M. Frances, making curtain	2.00
33	Forsberg & Murray, gearing	45.10	100	Kane & Roache, gas fitting	13.57
34	Adams Express Co., freight	.90	101	Ernest Kübel, tracks and bearings	40.00
35	The Electro-Dynamo Co., electric supplies	83.00	102	C. T. Child, services	30.00
36	Kane & Roache, gas-fitting	1.51	103	R. L. Reed, services	45.50
37	People's Dispatch and Transfer Co., freight	2.66	104	Thos. Watkins, services	30.00
38	Wm. Hallock, services	100.00	105	Wm. Hallock, services	200.00
39	Thos. Watkins, services	25.00	106	R. L. Reed, services	45.50
40	J. D. Livingston, services	8.00	107	T. W. Smillie, services	158.33
41	The Eastman Co., camera	25.00	108	C. T. Child, services	30.00
42	Fauth & Co., work on apparatus	13.20	109	Thos. Watkins, services	30.00
43	Wm. Wesley & Son, reference books	165.80	110	C. H. Ourand, drawings	3.00
44	C. A. Saunders, services	43.55	111	Adams Express Co., freight	2.65
45	Wm. Hallock, services	200.00	112	U. S. Express Co., freight	2.90
46	Thos. Watkins, services	25.00	113	D. M. Hess, services	6.63
47	Church & Stephenson, shelving	10.81	114	Wm. J. Campbell, services	10.50
48	J. Baumgarten & Son, stamps	2.25	115	S. P. Langley, travelling expenses	9.75
49	Z. D. Gilman, supplies	1.60	116	Fauth & Co., apparatus	214.00
50	Z. D. Gilman, supplies	10.07	117	Andrew J. Lloyd, lenses	3.40
51	Adams Express Co., freight	1.65	118	John A. Brashear, apparatus	40.00
52	F. P. May & Co., supplies	.75	119	Wm. Thaw, crucibles	16.00
53	Geo. Ryneal, jr., supplies	.25	120	Thos. Watkins, services	30.00
54	Fred A. Schmid, supplies	.45	121	R. L. Reed, services	45.50
55	E. G. Wheeler, supplies	.43	122	C. T. Child, services	41.66
56	Jas. L. Barbour & Son, supplies	.15	123	Albert Olszewski, services	69.60
57	John A. Brashear, apparatus	110.89	124	Wm. Hallock, services	1.00
58	C. A. Saunders, services	22.50	125	Weston Electrical Instrument Co., apparatus	50.00
59	Wm. Hallock, services	100.00	126	Wm. Ballantyne & Sons, supplies	.48
60	Thos. Watkins, services	25.00	127	Easton & Rupp, supplies	39.35
61	Wilmarth & Edmonston, supplies	1.20	128	Stephenson's Express, freight	.50
62	L. H. Schneider's Son, tools	11.92	129	Washington Gaslight Co., gas	1.25
63	Washington Gaslight Co., gas	.75	130	Boston Cab Co., carriage hire	10.00
64	Kane & Roach, plumbing	10.44	131	C. T. Child, services	41.67
65	Julius Lansburgh, desk	29.75	132	Thos. Watkins, services	30.00
66	F. A. Brockhaus, reference books	78.25	133	Wm. Hallock, services	200.00
67	C. A. Saunders, services	22.50	134	R. L. Reed, services	33.76
68	Thos. Watkins, services	25.00	135	D. M. Hess, services	17.42
69	Wm. Hallock, services	100.00	136	T. W. Smillie, services	78.61
70	Royce & Mearns, electric work	112.48	137	Albert Olszewski, services	57.00
71	O. L. Wolfsteiner & Co., copper tanks, etc.	6.50	138	Louis P. Cassella, thermometers	12.18
72	Tiffany & Co., stop watch	35.00	139	Albert Olszewski, services	21.00
73	L. H. Schneider's Son, supplies	1.83	140	Geo. Maier, binding reference books	45.00
74	C. A. Saunders, services	22.50	141	C. T. Child, services	41.66
75	Thos. Watkins, services	25.00	142	Thos. Watkins, services	30.00
76	Adams Express Co., freight	.30	143	Wm. Hallock, services	100.00
77	The Johns Hopkins Press, spectrum charts	20.00	144	S. P. Langley, travelling expenses	32.35
78	Wm. Hallock	200.00	145	D. M. Hess, services	32.75
79	Thos. Watkins	25.00	146	F. P. May & Co., supplies	13.42
80	C. A. Saunders, services	22.50	147	Kane & Roache, supplies	1.18
81	U. S. Express Co., freight	.60	148	Robt. Leitch & Sons, castings	4.72
82	Easton & Rupp, supplies	1.50	149	Z. D. Gilman, supplies	8.95
83	Geo. Ryneal, jr., supplies	.50	150	Thos. Somerville & Sons, supplies	1.80
84	L. H. Schneider's Son, supplies	4.85	151	Melville Lindsay, tubing, etc.	15.50
85	Thos. Watkins, services	30.00	152	C. Becker, supplies	1.59
86	C. A. Saunders, services	22.50	153	L. H. Schneider's Son, supplies	14.03
87	Jarvis B. Edson, metallic surface paper	5.00	154	Jas. W. Queen & Co., supplies	2.32
88	Wm. Wesley & Son, reference books	41.06	155	J. Carbutt, photo. plates	16.65
89	Adams Express Co., freight	1.40	156	Wm. Thaw, apparatus	350.00
90	Robt. Boyd, ladder	2.40	157	Clendenin Bros., supplies	1.30
91	H. Hoffa, clock movement	1.50	158	Keuffel & Esser Co., scale	12.75
92	U. S. Express Co., freight	1.30	159	E. J. Pullman, photo. supplies	21.18
93	The Eastman Co., films	8.00	160	Eimer & Amond, Bunsen burners, etc.	17.00
94	T. W. Smillie, services	81.72	161	Bausch & Lomb, cylinders	4.25
95	Wm. Hallock, services	200.00	162	The Eastman Co., films	24.00
96	Thos. Watkins, services	30.00	163	Eastman Kodak Co., films	48.00
			164	Henry J. Green, thermometers, etc.	137.53
			165	Geneva Optical Co., lens	5.25
			166	Ernest Kübel, castings	12.50

Detailed list of vouchers for expenditures from appropriation *Astro-physical Observatory, Smithsonian Institution, 1892, etc.*—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
167	O. L. Wolfsteiner & Co., flue pipe, etc.	\$25.75	181	C. T. Child, services	\$25.00
168	Royce & Marean, electric work	168.02	182	Church & Stephenson, lumber	23.18
169	T. S. & J. D. Negus, chronograph pens	12.00	183	Adams Express Co., freight	15.26
170	John A. Brashear, apparatus	30.00	184	U. S. Express Co., freight	1.05
171	Franklin & Co., lenses	1.50	185	John A. Brashear, apparatus	50.00
172	Jas. B. Lambie, supplies	.30	186	William Grunow, apparatus	50.00
173	H. Hoffa, pure silver	1.05	187	Ernest Kübel, casting	3.00
174	J. T. Walker Sons, supplies	.20	188	Woodward & Lothrop, supplies	6.53
175	Fred A. Schmidt, supplies	2.75	189	William H. Butler, supplies	9.00
176	Geo. Ryneal, jr., drawing materials	46.22	190	W. H. Harrover, supplies	.20
177	Wilmarth & Edmonston, supplies	1.38	191	Alfred F. Moore, supplies	.75
178	Washington Gaslight Co., gas	.50	192	J. Baumgarten & Son, stamp	2.00
179	Wm. Ballantyne & Son, supplies	1.20	193	Robert Letch & Sons, castings	1.65
180	Browning & Middleton, supplies	.15	194	William Bell, services	75.00
			195	do	75.00
			196	F. L. O. Wadsworth, services	55.55
			197	Thomas Watkins, services	30.00
			198	William Hallock, services	100.00
Total disbursements, July 1, 1891, to June 30, 1892					8,843.61
Balance, July 1, 1892					1,156.39