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Expenditures of the Smithsonian Institution. Letter from the Secretary of the Smithsonian Institution, transmitting a detailed statement of expenditures for the fiscal year ending June 30, 1893.

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EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

L E T T E R

FROM

THE SECRETARY OF THE SMITHSONIAN INSTITUTION,

TRANSMITTING

A detailed statement of expenditures for the fiscal year ending June 30, 1893.

DECEMBER 4, 1893.—Referred to the Committee on Appropriations and ordered to be printed.

SMITHSONIAN INSTITUTION,
Washington, December 2, 1893.

SIR: I have the honor to submit herewith to Congress, in accordance with the provisions in the sundry civil acts of October 2, 1888, and March 5, 1892, a detailed statement of the expenditures for the fiscal year ending June 30, 1893, 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, Washington.

DETAILED STATEMENT OF EXPENDITURES FROM APPROPRIATIONS COMMITTED BY CONGRESS TO THE CARE OF THE SMITHSONIAN INSTITUTION FOR THE FISCAL YEAR ENDING JUNE 30, 1893, AND FROM BALANCES OF FORMER YEARS.

INTERNATIONAL EXCHANGES.

RECEIPTS.

Appropriated by Congress for the fiscal year ending June 30, 1893, "for the 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 employes" (sundry civil act, August 5, 1892).....	\$12,000.00	
And (deficiency act, March 3, 1893)	5,000.00	
		<u>\$17,000.00</u>

EXPENDITURES FROM JULY 1, 1892, TO JUNE 30, 1893.

Salaries or compensation:

1 curator, 12 months, at \$225	\$2,700.00
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 clerk, 1½ months, at \$45	67.50
1 clerk, 2 months, at \$40, \$80; 17 days, at \$40, \$22.67	102.67
1 stenographer, 3 months, at \$45	135.00
1 copyist, 1 month at \$40, \$40; 15 days, at \$40, \$19.35	59.35
1 packer, 5 months, at \$75, \$375; 7 months, at \$50, \$350	725.00
1 packer, 5 months, at \$50	250.00
1 laborer, 5 months, at \$35	175.00
1 laborer, 92 days, at \$1.50	138.00
1 agent, 6 months, at \$83.33½	500.00
1 agent, 6 months, at \$50	300.00
Total salaries or compensation	<u>13,072.52</u>

General expenses:

Freight	\$1,537.57
Packing boxes	441.40
Printing and binding	198.60
Postage	150.00
Stationery and supplies	337.68
	<u>2,665.25</u>

Total expenditure from July 1, 1892, to June 30, 1893..... 15,737.77

Balance July 1, 1893, to meet outstanding liabilities..... 1,262.23

APPROPRIATION, INTERNATIONAL EXCHANGES, SMITHSONIAN INSTITUTION, 1893.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
1	Pay roll, services.....	\$450.66	54	Lunham & Moore, freight.....	\$2.00
2	Washington City post-office, postage.....	10.00	65	F. P. May & Co., supplies.....	2.55
3	Lunham & Moore, freight.....	4.40	66	Wm. Ballantyne & Sons, stationery.....	6.35
4	Barber & Co., freight.....	6.68	67	Oelrichs & Co., freight.....	1.58
5	Oelrichs & Co., freight.....	24.40	68	Pay roll, services.....	355.00
6	W. C. Winlock, services.....	225.00	69	Oelrichs & Co., freight.....	5.28
7	Pay roll, services.....	490.34	70	W. C. Winlock, services.....	225.00
8	Washington City post-office, postage.....	10.00	71	Pay roll, services.....	355.00
9	Pay roll, services.....	474.35	72	Washington City post-office, postage.....	20.00
10	F. P. May & Co., supplies.....	2.00	73	A. Schumacher & Co., freight.....	13.90
11	Oelrichs & Co., freight.....	1.03	74	W. F. Roberts, printing.....	5.00
12	do.....	4.40	75	Oelrichs & Co., freight.....	2.60
13	Barber & Co., freight.....	6.68	76	do.....	4.25
14	W. F. Roberts, printing and binding.....	9.00	77	Geo. W. Knox Express, freight.....	79.70
15	N. Y. Transfer Co., freight.....	26.80	78	Pay roll, services.....	355.00
16	Church & Stephenson, supplies.....	4.16	79	Easton & Rupp, stationery.....	1.72
17	W. F. Roberts, printing and binding.....	5.00	80	Oelrichs & Co., freight.....	4.50
18	Geo. W. Knox Express, freight.....	95.67	81	New York Transfer Co., freight.....	17.50
19	Oelrichs & Co., freight.....	6.68	82	do.....	12.75
20	W. C. Winlock, services.....	225.00	83	Library Bureau, supplies.....	17.70
21	Pay roll, services.....	432.50	84	W. C. Winlock, services.....	225.00
22	F. P. May & Co., supplies.....	.45	85	Pay roll, services.....	355.00
23	Pay roll, services.....	432.50	86	Geo. W. Knox Express, freight.....	71.39
24	The Manhattan Supply Co., supplies.....	5.42	87	Barber & Co., freight.....	6.67
25	Wm. Hahn & Co., boxes.....	5.40	88	Pay roll, services.....	355.00
26	Oelrichs & Co., freight.....	3.98	89	Carter, Rice & Co., stationery.....	58.60
27	Washington City post-office, postage.....	30.00	90	T. R. Mitchell, printing.....	9.50
28	Oelrichs & Co., freight.....	2.23	91	Barber & Co., freight.....	6.79
29	Flint & Co., freight.....	6.50	92	New York Transfer Co., freight.....	23.80
30	W. C. Winlock, services.....	225.00	93	W. C. Winlock, services.....	225.00
31	Pay roll, services.....	432.50	94	Pay roll, services.....	355.00
32	Wm. Ballantyne & Sons, stationery.....	15.70	95	W. F. Roberts, printing.....	5.00
33	Barber & Co., freight.....	6.68	96	Oelrichs & Co., freight.....	29.13
34	New York Transfer Co., freight.....	23.05	97	Pay roll, services.....	355.00
35	R. W. Cameron, freight.....	17.50	98	Washington City post-office, postage.....	30.00
36	T. R. Mitchell, printing.....	17.50	99	Lunham & Moore, freight.....	12.95
37	W. F. Roberts, printing.....	3.50	100	do.....	7.00
38	United States Express Co., freight.....	5.65	101	R. W. Cameron & Co., freight.....	2.40
39	Pay roll, services.....	410.00	102	New York Transfer Co., freight.....	16.50
40	Adams Express Co., freight.....	1.70	103	Geo. W. Knox Express, freight.....	85.49
41	Geo. W. Knox Express, freight.....	81.24	104	J. H. Thiemeyer & Co., boxes.....	38.00
42	Easton & Rupp, stationery.....	1.09	105	Adams Express Co., freight.....	2.65
43	W. C. Winlock, services.....	225.00	106	Geo. W. Knox Express, freight.....	95.05
44	Pay roll, services.....	410.00	107	W. H. Lowdermilk & Co., supplies.....	14.50
45	Z. D. Gilman, supplies.....	2.00	108	W. F. Roberts, stationery.....	3.50
46	Oelrichs & Co., freight.....	9.40	109	W. C. Winlock, services.....	225.00
47	do.....	2.50	110	Pay roll, services.....	376.00
48	Geo. W. Knox Express, freight.....	47.04	111	Wm. Wesley & Son, services.....	300.00
49	Oelrichs & Co., freight.....	3.93	112	Felix Flügel, services.....	500.00
50	People's Washington and Norfolk Steamboat Co., freight.....	46.95	113	F. P. May & Co., supplies.....	2.50
51	Barber & Co., freight.....	6.67	114	Oelrichs & Co., freight.....	20.17
52	Pay roll, services.....	410.00	115	Barber & Co., freight.....	10.99
53	T. R. Mitchell, printing.....	1.50	116	Wm. Ballantyne & Sons, stationery.....	11.33
54	Oelrichs & Co., freight.....	7.00	117	Wm. H. Myers, services.....	.50
55	do.....	6.75	118	E. Morrison Paper Co., supplies.....	5.50
56	Lunham & Moore, freight.....	3.40	119	Pay roll, services.....	374.50
57	Wyckoff, Seamans & Benedict, stationery.....	1.00	120	George Maier, binding.....	33.60
58	Wm. Ballantyne & Sons, stationery.....	2.07	121	Carter, Rice & Co., supplies.....	37.90
59	W. C. Winlock, services.....	225.00	122	W. C. Winlock, services.....	225.00
60	Pay roll, services.....	410.00	123	Pay roll, services.....	395.67
61	Judd & Detweller, printing.....	4.00	124	New York Transfer Co., freight.....	34.00
62	Oelrichs & Co., freight.....	4.76	125	E. Morrison Paper Co., stationery.....	6.00
63	Geo. W. Knox Express, freight.....	72.74	126	T. R. Mitchell, printing.....	15.25
			127	J. H. Thiemeyer & Co., boxes.....	304.00
			128	Pay roll, services.....	394.50
			129	T. R. Mitchell, printing.....	89.75
			130	Easton & Rupp, stationery.....	3.15
			131	Library Bureau, stationery.....	76.05
			132	R. W. Cameron & Co., freight.....	7.20

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893—Continued.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
133	Oelrichs & Co., freight.....	\$14.66	150	Lunham & Moore, freight.....	\$7.00
134	Barber & Co., freight.....	20.55	151	W. C. Winlock, services.....	225.00
135	F. P. May & Co., supplies.....	3.12	152	Pay roll, services.....	394.50
136	Geo. Ryneal, jr., supplies.....	1.45	153	Oelrichs & Co., freight.....	2.50
137	Wm. Ballantyne & Sons, stationery.....	1.33	154	do.....	3.60
138	W. C. Winlock, services.....	225.00	155	Lunham & Moore, freight.....	14.50
139	Pay roll, services.....	396.00	156	Barber & Co., freight.....	6.64
140	Geo. W. Knox Express, freight.....	175.57	157	do.....	7.19
141	New York Transfer Co., freight.....	8.50	158	J. H. Thiemeyer Co., boxes.....	76.00
142	W. F. Roberts, stationery.....	17.75	159	New York Transfer Co., freight.....	35.56
143	Washington City P.O., postage.....	50.00	160	Easton & Rupp, stationery.....	2.83
144	Pay roll, services.....	394.50	161	Geo. W. Knox Express, freight.....	96.99
145	Oelrichs & Co., freight.....	4.40	162	Z. D. Gilman, supplies.....	4.50
146	R. W. Cameron & Co., freight.....	7.20	163	Wyckoff, Seamans & Benedict, stationery.....	5.42
147	Barber & Co., freight.....	20.06	164	Wm. Hahn & Co., boxes.....	18.00
148	Easton & Rupp, supplies.....	1.60	165	E. Morrison Paper Co., stationery.....	6.00
149	The Manhattan Supply Co., supplies.....	11.94			
Total disbursements, international exchanges, Smithsonian Institution, 1893.....					15,737.77
Balance July 1, 1893.....					1,262.23

NORTH AMERICAN ETHNOLOGY.

Appropriation by Congress for the fiscal year ending June 30, 1893, "for continuing ethnological researches among the American Indians, under the direction of the Smithsonian Institution, including salaries or compensation of all necessary employes." (Sundry civil act, August 5, 1892).....	\$40,000.00
Balance July 1, 1892, as per last annual report.....	15,008.06
Total.....	55,008.06

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, 1892, to June 30, 1893.

Salaries or compensation:

1 ethnologist, 12 months, at \$250.....	\$3,000.00
1 ethnologist, 7 months, at \$250.....	1,750.00
2 ethnologists, 12 months, at \$200.....	4,800.00
1 ethnologist, 12 months, at \$166.66.....	1,999.92
2 ethnologists, 12 months, \$150.....	3,600.00
1 ethnologist, 13 months, at \$133.33.....	1,733.29
1 assistant ethnologist, 9 months, at \$116.66, \$1,049.94; 21 days, at \$116.66, \$87.49; 14 days, at \$116.66, \$54.44.....	1,191.87
1 assistant ethnologist, 2 months, at \$100, \$200; 10 months, at \$116.66, \$1,166.60.....	1,366.60
1 assistant ethnologist, 2½ months, at \$75, \$187.50; 9½ months, at \$100, \$950.....	1,137.50
1 assistant ethnologist, 7½ months, at \$60.....	452.14
1 archæologist, 12 months, at \$216.66.....	2,599.92
1 assistant archæologist, 12 months, at \$125.....	1,500.00
2 assistant archæologists, 12 months, at \$100.....	2,400.00
1 stenographer, 12 months, at \$125.....	1,500.00
1 stenographer, 1 month, at \$60.....	60.00
1 draftsman, 2 months, at \$183.33, \$366.66; 14 days, at \$183.33, \$82.79.....	449.45
1 draftsman, 2 months, at \$116.66, \$233.32; 14 days, at \$116.66, \$52.68.....	286.00

Salaries or compensation—Continued.

1 clerk, 12 months, at \$100	\$1,200.00
2 clerks, 12 months, at \$60	1,440.00
1 copyist, 12 months, at \$70	840.00
1 copyist, 2½ months, at \$83.33, \$208.32; 9½ months, at \$100, \$950.....	1,158.32
1 copyist, 12 months, at \$50	600.00
1 messenger, 12 months, at \$50	600.00
1 laborer, 12 months, at \$50	600.00
1 modeller, 12 months, at \$60	720.00

Total salaries or compensation \$36,985.01

Miscellaneous:

Travelling expenses	\$3,281.36
Field expenses	311.50
Drawings	970.25
Stationery	159.05
Freight	229.53
Field material	137.73
Supplies	1,711.14
Publications	399.36
Specimens	3.00
Miscellaneous	310.84

7,513.76

44,498.77

Balance July 1, 1893..... 10,509.29

Expenditures reclassified by subject matter:

Sign language and picture-writing	4,408.65
Exploration of mounds	2,401.80
Researches in archæology	12,280.59
Researches, language of North American Indians	13,015.59
Salaries in office of Director	7,398.32
Illustrations for reports	2,196.34
Researches among Pueblos	1,621.77
Contingent expenses	1,175.71

Total expenditures, North American ethnology..... 44,498.77

Balance July 1, 1893..... 10,509.29

SUMMARY.

July 1, 1892: Balance on hand	\$15,008.06
Appropriation for North American ethnology	40,000.00
Expended	55,008.06
Balance July 1, 1893.....	44,498.77
Balance July 1, 1893.....	10,509.29

APPROPRIATION: NORTH AMERICAN ETHNOLOGY, SMITHSONIAN INSTITUTION.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Wm. Dinwiddie, travel.....	\$166.95	70	Geo. W. Knox Express, freight	80.50
2	John D. Lay, storage.....	30.00	71	Wm. Dinwiddie, field expenses.	24.00
3	Mary M. Mitchell, drawings.....	45.50	72	John C. Parker, stationery.....	6.00
4	S. N. Tucker, stamp.....	.75	73	E. E. Jackson & Co., drawing board	1.50
5	Geo. W. Knox Express, freight.....	18.88	74	Mary Irvin Wright, drawings	54.00
6	Gerard Fowke, field expenses.....	83.00	75	Lansburgh & Bro., supplies.....	1.25
7	M. G. Copeland, supplies.....	14.50	76	Geo. Ryneal, jr., supplies.....	22.68
8	Stephenson's Express, freight.....	21.20	77	M. W. Beveridge, field material.....	.90
9	Gerard Fowke, field expenses.....	54.00	78	L. H. Schneider's Son, supplies.....	1.75
10	Geo. Ryneal, jr., supplies.....	11.16	79	C. R. Taylor, supplies.....	15.80
11	U. S. Express Co., freight.....	16.10	80	W. Holmes, travel.....	27.69
12	Adams Express Co., freight.....	6.95	81	Stephenson's Express, freight.....	6.85
13	M. Déséré Pector, publications.....	25.09	82	Wm. Dinwiddie, field expenses.....	20.50
14	E. J. Pullman, supplies.....	122.33	83	Chas. Scribner's Sons, publications	7.00
15	Robert Boyd, supplies.....	13.35	84	James Mooney, field expenses.....	16.00
16	People's Dispatch and Transfer Co., freight.....	14.59	85	Adams Express Co., freight.....	8.05
17	Pay roll, services.....	700.00	86	Pay roll, expenses.....	776.66
18	do.....	2,168.31	87	do.....	2,283.31
19	Wm. Dinwiddie, travel.....	235.93	88	Gerard Fowke, services.....	100.00
20	Ch. Gaulon, publications.....	29.53	89	Wyckoff, Seamans & Benedict, desk	10.00
21	J. J. Forsyth, frames.....	3.50	90	Wm. Dinwiddie, field expenses.....	18.00
22	M. W. Beveridge, supplies.....	15.64	91	Mary Irvin Wright, drawings.....	80.00
23	Royce & Marean, supplies.....	5.86	92	Mary M. Mitchell, drawings.....	54.00
24	E. E. Jackson & Co., supplies.....	10.40	93	A. S. Gatschet, travel.....	237.10
25	Mary Irvin Wright, drawings.....	50.00	94	F. H. Cushing, travel.....	30.31
26	Gerard Fowke, services.....	100.00	95	C. R. Taylor, supplies.....	16.00
27	Z. D. Gilman, supplies.....	205.91	96	Henry A. Clarke & Son, repairs	1.00
28	S. N. Tucker, stamp.....	.75	97	Geo. Ryneal, jr., supplies.....	13.44
29	Wm. Dinwiddie, travel.....	24.98	98	Robt. Beall, publications.....	9.00
30	Wm. Dinwiddie, field expenses.....	32.00	99	E. E. Jackson & Co., supplies.....	24.37
31	Henry A. Clarke & Son, supplies.....	8.00	100	Adams Express Co., freight.....	1.20
32	Alfred HARRISSE, translating.....	12.00	101	W. H. Holmes, travel.....	20.65
33	Pay roll, services.....	660.00	102	do.....	84.97
34	do.....	1,991.65	103	Gustav E. Stechert, publications	40.00
35	Gerard Fowke, services.....	100.00	104	Thomas M. Draney, transportation	20.00
36	W. H. Holmes, services.....	216.66	105	Herman Baumgarten, stamp.....	3.00
37	Wm. Dinwiddie, travel.....	21.15	106	Pay roll, services.....	776.66
38	A. S. Gatschet, travel.....	117.30	107	do.....	2,166.65
39	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co., transportation	10.65	108	W. H. Morrison's Son, publications	6.40
40	Gerard Fowke, travel.....	172.50	109	W. J. Hoffman, services.....	116.66
41	E. J. Pullman, supplies.....	233.95	110	Gerard Fowke, services.....	100.00
42	Geo. Ryneal, jr., supplies.....	9.72	111	B. W. Henshaw, supplies.....	17.85
43	L. H. Schneider's Son, supplies.....	5.20	112	Mary M. Mitchell, drawings.....	36.50
44	Mary Irvin Wright, drawings.....	48.00	113	Robert Beall, publications.....	30.50
45	Fred. F. Katzenbach, subsistence.....	48.00	114	Thos. M. Draney, transportation	8.00
46	Wm. Dinwiddie, travel.....	56.00	115	Virginia and Truckee R.R. Co., transportation	17.85
47	Thos. M. Draney, transportation	23.00	116	F. Schopf, specimens.....	3.00
48	E. E. Jackson & Co., supplies.....	21.60	117	Wm. Dinwiddie, field expenses.....	2.00
49	Adams Express Co., freight.....	8.20	118	Stephenson's Express, freight.....	1.70
50	U. S. Express Co., freight.....	2.50	119	E. J. Pullman, printing.....	4.48
51	Pay roll, services.....	2,154.14	120	Z. D. Gilman, supplies.....	2.35
52	do.....	751.66	121	John C. Parker, supplies.....	2.50
53	Gerard Fowke, services.....	100.00	122	H. W. Henshaw, travel.....	208.45
54	James Mooney, services.....	533.32	123	Judd & Detweiler, supplies.....	13.50
55	Wm. Dinwiddie, travel.....	36.83	124	T. T. S. Bowie, stationery.....	9.25
56	W. H. Holmes, travel.....	52.30	125	L. H. Schneider's Son, supplies.....	13.26
57	W. H. Holmes, field expenses.....	13.00	126	Adams Express Co., freight.....	15.60
58	W. H. Holmes, travel.....	46.06	127	Pay roll, services.....	2,033.31
59	do.....	45.96	128	do.....	776.66
60	Garrick Mallory, travel.....	170.44	129	Mary Irvin Wright, drawings.....	60.00
61	Atchison, Topeka and Santa Fé R. R. Co., transportation	41.25	130	Gustav E. Stechert, publications	35.26
62	Chas. G. Stott & Co., stationery.....	2.95	131	A. S. Gatschet, travel.....	192.60
63	Adams Express Co., freight.....	2.50	132	Mary M. Mitchell, drawings.....	45.50
64	E. J. Pullman, supplies.....	252.17	133	Robt. Beall, publications.....	28.25
65	Mary M. Mitchell, drawings.....	30.00	134	Chicago, Rock Island and Pacific Rwy. Co., transportation	39.25
66	U. S. Express Co., freight.....	3.70	135	Z. D. Gilman, supplies.....	107.72
67	F. P. May & Co., supplies.....	9.50			
68	Wyckoff, Seamans & Benedict, repairs.....	.50			
69	John C. Parker, supplies.....	5.75			

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
136	Jas. S. Topham, supplies.....	\$1.25	182	Louisville and Nashville R. R. Co., transportation.....	\$27.50
137	Milwaukee, Lake Shore and Western Rwy. Co., transportation.....	29.27	183	Thos. M. Draney, carriage hire.....	4.00
138	Henry A. Clarke & Son, stationery.....	8.00	184	James S. Topham, supplies.....	3.50
139	Wm. D. Clark & Co., supplies.....	2.50	185	Pay roll, services.....	816.66
140	Chas. G. Stott & Co., supplies.....	10.05	186	do.....	1,821.09
141	Pay roll, services.....	976.66	187	Gerard Fowke, travel.....	22.13
142	do.....	2,133.30	188	The Standard Engraving Co., engraving.....	2.50
143	Gerard Fowke, services.....	200.00	189	Wyckoff, Seamans & Benedict, repairs.....	4.31
144	Mary Irvin Wright, drawings.....	80.00	190	H. Baumgarten, stationery.....	1.00
145	Mary M. Mitchell, drawings.....	44.75	191	H. W. Henshaw, services.....	250.00
146	W. H. Morrison's Son, publications.....	75.05	192	Geo. W. Knox Express, freight.....	1.96
147	Robt. Beall, publications.....	6.50	193	Albert S. Gatschet, travel.....	259.00
148	H. W. Henshaw, services.....	250.00	194	Mary Irvin Wright, drawings.....	75.00
149	John C. Parker, repairs.....	45.00	195	do.....	37.50
150	Richmond and Danville R.R. Co., transportation.....	27.50	196	E. J. Pullman, supplies.....	19.79
151	Robt. Boyd, supplies.....	3.75	197	Albert S. Gatschet, salary.....	150.00
152	E. E. Jackson & Co., supplies.....	32.72	198	J. B. Chamberlain, apparatus.....	5.35
153	Pay roll, services.....	848.80	199	Geo. Ryneal, jr., supplies.....	9.36
154	do.....	2,204.13	200	Pay roll, services.....	2,133.31
155	Geo. Ryneal, jr., stationery.....	60.80	201	do.....	716.66
156	Adams Express Co., freight.....	2.60	202	U. S. Express Co., freight.....	7.90
157	J. Owen Dorsey, travel.....	122.49	203	J. U. Burket & Co., apparatus.....	1.95
158	L. H. Schneider's Son, supplies.....	20.05	204	Royce & Marean, apparatus.....	4.75
159	Z. D. Gilman, supplies.....	3.20	205	Haislett, Nicholson & Co., supplies.....	49.50
160	Mary M. Mitchell, drawings.....	42.00	206	M. W. Beveridge, supplies.....	17.84
161	Gerard Fowke, services.....	100.00	207	William Dinwiddie, travel.....	140.80
162	Wm. Dinwiddie, travel.....	9.76	208	Lloyd T. Meeds, services.....	60.00
163	John L. Ridgway, services.....	52.68	209	Gerard Fowke, travel.....	39.55
164	Delancy W. Gill, services.....	82.79	210	Mary M. Mitchell, drawings.....	45.00
165	U. S. Express Co., freight.....	2.45	211	Robert Beall, books.....	11.75
166	Chas. L. Woodward, books.....	4.16	212	Harry Horan, services.....	19.50
167	W. D. Clark & Co., supplies.....	7.50	213	D. G. Brinton, books.....	23.00
168	Geo. Ryneal, jr., supplies.....	15.41	214	George Ryneal, jr., supplies.....	47.73
169	H. Baumgarten, stationery.....	5.15	215	E. E. Jackson & Co., lumber.....	9.24
170	E. J. Pullman, supplies.....	212.92	216	Albert S. Gatschet, travel.....	107.65
171	Pay roll, services.....	816.66	217	Pay roll, services.....	716.66
172	do.....	1,916.65	218	do.....	2,133.31
173	The M. Ohmer's Sons Co., furniture.....	163.00	219	Mary Irvin Wright, drawings.....	75.00
174	John C. Parker, stationery.....	57.50	220	D. W. Cree, supplies.....	8.00
175	Mary M. Mitchell, drawings.....	42.50	221	Charles G. Stott & Co., stationery.....	1.80
176	Albert S. Gatschet, travel.....	240.60	222	Robert Clarke & Co., books.....	5.95
177	Mary M. Mitchell, drawings.....	25.00	223	United States Express Company, freight.....	35.10
178	Chas. G. Stott & Co., stat'y.....	.60	224	W. H. Morrison's Son, books.....	5.75
179	Robt. Beall, publications.....	33.75	225	Brentano's, books.....	20.06
180	Chas. Scribner's Sons, publications.....	2.36	226	Texas Pacific Ry. Co., transportation.....	5.35
181	Z. D. Gilman, supplies.....	116.15	227	William Dinwiddie, travel.....	192.59
Total disbursements North American Ethnology, Smithsonian Institution.....					44,498.77
Balance July 1, 1893.....					10,509.29

NATIONAL MUSEUM.

*Preservation of collections, July 1, 1892, to June 30, 1893.**Receipts.*

Appropriation by Congress for the fiscal year ending June 30, 1893, "for continuing the preservation, exhibition, and increase of the collections from the surveying and exploring expeditions of the Government, and from other sources, including salaries or compensation of all necessary employes." (Sundry civil act, August 5, 1892.) -----	\$132,500.00	
Deficiency act, March 3, 1893 -----	2,000.00	
		<u>\$134,500.00</u>

Expenditures.

DIRECTION.

1 Assistant secretary of the Smithsonian Institution, in charge of United States National Museum, 12 months, at \$333.33-----	\$3,999.96
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SCIENTIFIC STAFF.

1 curator (in charge), 12 months, at \$225-----	\$2,700.00
3 curators, 12 months, at \$200-----	7,200.00
1 curator, 12 months, at \$175-----	2,100.00
1 curator, 12 months, at \$100-----	1,200.00
1 curator, 6 months, at \$150, 6 months, at \$155-----	1,830.00
1 curator (acting), 12 months, at \$140-----	1,680.00
1 assistant curator, 12 months, at \$166.66-----	1,999.92
1 assistant curator, 10 months 13 days, at \$140-----	1,458.71
1 assistant curator, 11 months 14 days, at \$133.33-----	1,528.85
1 assistant curator, 9 months 27 days, at \$125, 1 month at \$100-----	1,335.61
1 assistant curator, 230 days, at \$5-----	1,150.00
1 assistant, 12 months, at \$80-----	960.00
1 assistant, 9 months, at \$85-----	765.00
1 aid, 12 months, at \$100-----	1,200.00
1 aid, 12 months, at \$80-----	960.00
1 aid, 1 month 16 days, at \$80-----	121.29
1 aid, 2 months 20 days, at \$75-----	200.00
1 aid, 12 months, at \$60-----	720.00
1 aid, 15 days, at \$60-----	29.03
1 aid, 4 months 15 days, at \$50-----	224.19
1 aid, 1 month, at \$50, \$50; 25 days, at \$50, \$40.32; 23 days, \$50, \$38.33; 7 days, \$50, \$11.29-----	139.94
1 aid, 12 months, \$40-----	480.00
1 aid, 3 months 8 days, \$40-----	130.32
1 aid, 1 month 16 days, \$40-----	60.65
1 collector, 3 months 15 days, \$140-----	487.74
1 collector, 2 months, \$50-----	100.00
	<u>30,761.25</u>

CLERICAL STAFF.

1 chief clerk, 12 months, at \$187.50-----	\$2,250.00
1 chief of division, 6 months, at \$175; 6 months, at \$185--	2,160.00
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, 12 months, at \$85-----	1,020.00
1 stenographer, 5 months 11 days, at \$50-----	267.74

1 clerk, 12 months, at \$125-----	\$1,500.00
2 clerks, 12 months, at \$115-----	2,760.00
2 clerks, 12 months, at \$100-----	2,400.00
1 clerk, 1 month, at \$100-----	100.00
1 clerk, 12 months, at \$90-----	1,080.00
1 clerk, 12 months, at \$83.33-----	999.96
1 clerk, 6 months 8 days, at \$75-----	469.35
1 clerk, 12 months, at \$70-----	840.00
1 clerk, 9 months, at \$70-----	630.00
1 clerk, 9 months, at \$70; 3 months at \$60-----	810.00
2 clerks, 12 months at \$60-----	1,440.00
1 clerk, 6 months 16 days, \$60-----	390.97
1 clerk, 3 months, at \$60-----	180.00
1 clerk, 1 month, \$60-----	60.00
3 clerks, 12 months, at \$55-----	1,980.00
1 clerk, 11 months 28 days, at \$55-----	654.68
3 clerks, 12 months, at \$50-----	1,800.00
1 clerk, 5 months, at \$50-----	250.00
1 clerk, 3 months, at \$50-----	150.00
1 clerk, 8 days, at \$50-----	12.90
1 copyist, 12 months, at \$55-----	660.00
2 copyists, 12 months, at \$50-----	1,200.00
1 copyist, 6 months 26 days, at \$50-----	341.94
1 copyist, 4 months 28 days, at \$50-----	246.67
1 copyist, 3 months, at \$50-----	150.00
1 copyist, 11 months, at \$45; 1 month, at \$35-----	530.00
5 copyists, 12 months, at \$40-----	2,400.00
1 copyist, 2 months, at \$40-----	80.00
1 copyist, 1 month 16 days, at \$40-----	60.64
1 copyist, 12 months, at \$35-----	420.00
1 copyist, 8 months, at \$35-----	280.00
1 copyist, 3 months 12 days, at \$35; 7 months, at \$30-----	328.55
1 copyist, 12 months, at \$30-----	360.00
1 copyist, 11 months 29 days, at \$30-----	359.00
1 typewriter, 9 months, at \$50, \$450; 28 days, at \$50, \$45.16; 26 days, at \$50, \$43.33; 26 days, at \$50, \$41.94-----	580.43
1 typewriter, 1 month 7 days, at \$50; 3 months 24 days, at \$30-----	174.52
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	\$36,677.31

PREPARATORS.

1 preparator, 12 months, at \$120-----	\$1,440.00
1 preparator, 8 months, at \$100, 800; 23 days, at \$100 per month, \$74.19; 16 days at \$100 per month, \$51.61-----	925.80
1 preparator, 9 months 16 days, at \$90-----	761.29
1 preparator, 1 month 16 days, at \$75-----	113.71
1 preparator, 16 days, at \$75-----	38.71
1 preparator, 5 months, at \$60, \$300; 28 days, at \$60 per month, \$54.19; 28 days, at \$60 per month, \$54.19; 28 days, at \$60 per month, 54.19; 1 day, at \$60 per month, \$2.14-----	410.52
1 preparator, 4 months 21 days, at \$40-----	190.00
1 preparator, 1 month 16 days, at \$40-----	60.65
1 preparator, 1 month, at \$24-----	24.00
1 artist, 12 months, at \$110-----	1,320.00
1 photographer, 12 months, \$158.33-----	1,899.96
1 taxidermist, 12 months, \$125-----	1,500.00
1 taxidermist, 1 month 17 days, at \$80-----	123.87
1 taxidermist, 12 months, at \$60-----	720.00
1 taxidermist, 1 month 16 days, at \$60-----	90.97
1 taxidermist, 1 month 16 days, at \$60-----	90.97
1 taxidermist, 16 days, at \$50, \$25.81; 15 days, at \$50, \$25-----	50.81
1 taxidermist, 16 days, at \$50-----	25.81
1 taxidermist, 1 month 16 days, at \$40-----	60.65
1 taxidermist, 2,504 hours, at 45 cents-----	1,126.80
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	10,974.52

BUILDINGS AND LABOR.

1 superintendent, 12 months, at \$137.50 -----	\$1, 650.00
1 assistant superintendent, 2 months, at \$100; 10 months at \$90 -----	1, 100.00
3 chiefs of watch, 12 months, at \$65 -----	2, 340.00
1 watchman, 12 months, at \$65 -----	780.00
7 watchmen, 12 months, at \$50 -----	4, 200.00
1 watchman, 10 months, at \$50, \$500; 30 days, at \$50 per month, \$48.39; 26 days, at \$50 per month, \$46.43 -----	594.82
1 watchman, 11 months, at \$50 per month, \$550; 30 days, at \$50 per month, \$48.39 -----	598.39
1 watchman, 11 months, at \$50 -----	550.00
1 watchman, 11 months 29 days, at \$50 -----	598.33
1 watchman, 11 months, at \$50 per month, \$550; 30 days, at \$50 per month, \$48.39 -----	598.39
1 watchman, 11 months 16 days, at \$50 -----	575.81
3 watchmen, 12 months, at \$45 -----	1, 620.00
1 watchman, 10 months 29 days, at \$45 -----	492.10
1 watchman, 27 days, at \$1.75 -----	47.25
1 skilled laborer, 12 months, at \$52 -----	624.00
1 skilled laborer, 1 month, at \$50 -----	50.00
1 skilled laborer 8 months, at \$45; 26 days, at \$2 -----	412.00
3 laborers, 12 months, at \$40 -----	1, 440.00
1 laborer, 1 month, \$43; 2 months, \$44.50; 6 months, \$46; 3 months, \$47.50 -----	550.50
1 laborer, 1 month, at \$49.50; 4 months, at \$51; 4 months, at \$48; 2 months, at \$46.50; 1 month, at \$45 -----	583.50
1 laborer, 9 months 26 days, at \$40; 1 month, at \$44.50; 1 month, at \$41.50 -----	479.55
1 laborer, 1 month, at \$41.50; 10 months 23 days, at \$40 ..	471.18
1 laborer, 1 month 16 days, at \$60; 55 days, at \$1.50 -----	173.47
1 laborer, 1 month 16 days, at \$40 -----	60.65
1 laborer, 11 months 24 days, at \$40 -----	470.97
1 laborer, 160 days, at \$1.50 -----	240.00
1 laborer, 287 days, at \$1.50 -----	430.50
1 laborer, 208 days, at \$1.50 -----	312.00
1 laborer, 313 days, at \$1.50 -----	469.50
1 laborer, 166 days, at \$1.50 -----	249.00
1 laborer, 297 days, at \$1.50 -----	445.50
1 laborer, 297 days, at \$1.50 -----	445.50
1 laborer, 320 days, at \$1.50 -----	480.00
1 laborer, 297 days, at \$1.50 -----	445.50
1 laborer, 353 days, at \$1.50 -----	529.50
1 laborer, 327 days, at \$1.50 -----	490.50
1 laborer, 319½ days, at \$1.50 -----	479.25
1 laborer, 341½ days, at \$1.50 -----	512.25
1 laborer, 319 days, at \$1.50 -----	478.50
1 laborer, 150 days, at \$1.50 -----	225.00
1 laborer, 86 days, at \$1.50 -----	129.00
1 laborer, 10 days at \$1.50 -----	15.00
1 laborer, 9 days, at \$1.50 -----	13.50
1 laborer, 40 days, at \$1.50 -----	60.00
1 laborer, 7 days, at \$1.50 -----	10.50
1 laborer, 2 days, at \$1.50 -----	3.00
1 laborer, 44 days, at \$1.50 -----	66.00
1 attendant, 12 months, at \$40 -----	480.00
1 attendant, 10 months, at \$40 per month, \$400; 27 days, at \$40 per month \$36; 37 days, at \$40 per month, \$38.71 ..	474.71
2 cleaners, 12 months, at \$30 -----	720.00
1 cleaner, 9 months 89½ days, at \$30 -----	357.55
1 cleaner, 11 months 30½ days, at \$30 -----	359.52
1 cleaner, 312½ days, at \$1 -----	312.50
1 cleaner, 312 days, at \$1 -----	312.00
1 cleaner, 29 days, at \$1 -----	29.00
1 messenger, 12 months, at \$50 -----	600.00
1 messenger, 12 months, at \$45 -----	540.00

12 EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

2 messengers, 12 months, at \$30.....	\$720. 00
2 messengers, 12 months, at \$20.....	480. 00
1 messenger, 1 month, at \$25 ; 6 months, at \$20.....	145. 00
1 messenger, 1 month, at \$20 ; 11 months, at \$25.....	295. 00
1 messenger, 4 months 24 days, at \$20.....	96. 60
1 messenger, 3 months 24 days, at \$20.....	75. 48
1 messenger, 2 months 3 days, at \$20 ; 6 months, at \$15.....	131. 94
1 messenger, 3 months, at \$15.....	45. 00
	\$33, 764. 11
Special services by job or contract.....	116, 177. 15
	2, 224. 83
Total expenditures for service.....	118, 401. 98

SUMMARY.

Preservation of collections, 1893.

Direction.....	\$3, 999. 96
Scientific staff.....	30, 761. 25
Clerical staff.....	36, 677. 31
Preparators.....	10, 974. 52
Buildings and labor.....	33, 764. 11
Special or contract work.....	2, 224. 83
Total salaries or compensation.....	\$118, 401. 98
Miscellaneous:	
Supplies.....	1, 888. 31
Stationery.....	723. 25
Specimens.....	3, 630. 02
Books and periodicals.....	144. 28
Travel.....	407. 88
Freight and cartage.....	1, 889. 75
	8, 683. 49
Total expenditures to June 30, 1893, for preservation of collections, 1893.....	127, 085. 47
Balance July 1, 1893, to meet outstanding liabilities.....	7, 414. 53

PRESERVATION OF COLLECTIONS, NATIONAL MUSEUM, 1893.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Thornton Dean, services.....	\$15. 00	22	Pay roll, services.....	\$9, 110. 26
2	Theo. Holm, services.....	29. 03	23	W. W. Rockhill, services.....	50. 00
3	B. A. Bean, travel.....	13. 45	24	American Ice Co., supplies.....	41. 91
4	A. D. Rahn, special services.....	9. 30	25	E. J. Pullman, supplies.....	11. 25
5	A. H. Baldwin, special services.....	87. 01	26	Wyckoff, Seamans & Benedict, special services.....	35. 00
6	Jos. Mace, freight.....	75. 00	27	S. R. Koehler, services.....	100. 00
7	G. Brown Goode, services.....	333. 33	28	H. Gibb, services.....	80. 00
8	Pay roll, services.....	8, 878. 70	29	Geo. W. Knox Express, freight.....	35. 26
9	W. W. Rockhill, services.....	50. 00	30	Adams Express Co., freight.....	22. 45
10	S. R. Koehler, services.....	100. 00	31	Philadelphia Bureau of Press Clippings, books.....	4. 20
11	H. Gibb, services.....	80. 00	32	W. Bartholomae, supplies.....	6. 10
12	K. J. Rush, services.....	60. 00	33	Andrew Renz, supplies.....	2. 25
13	Chas. Schuchert, services.....	85. 00	34	M. A. Tappan, supplies.....	14. 28
14	A. H. Baldwin, special services.....	35. 00	35	Geo. Ryneal, jr., supplies.....	6. 10
15	do.....	10. 00	36	United States Express Co., freight.....	25. 25
16	Chas. K. Worthen, specimens.....	78. 00	37	M. Payne, special services.....	13. 00
17	I. A. Rosenbusch, services.....	4. 52	38	W. T. Owsley, specimens.....	4. 00
18	Leggat Brothers, books.....	1. 50	39	A. H. Baldwin, special services.....	97. 78
19	W. H. Lowdermilk & Co., books.....	10. 10			
20	G. Brown Goode, services.....	333. 33			
21	Joseph Mace, freight.....	75. 00			

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893.—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
40	B. A. Bean, services	\$54. 16	111	O. T. Mason, travel	\$2. 75
41	J. S. Carpenter, specimens	162. 50	112	A. H. Baldwin, special services	93. 41
42	Jos. F. Sabin, specimens	14. 75	113	Franz Boas, specimens	5. 75
43	Chas. Schuchert, services	85. 00	114	Chas. H. Ourand, special services	12. 00
44	A. E. Foote, specimens	6. 05	115	Adams Express Co., freight	17. 30
45	Geo. P. Merrill, travel	29. 00	116	Wilmarth & Edmonston, supplies	3. 50
46	Jos. Mace, freight	75. 00	117	M. Payne, special services	15. 00
47	G. B. Goode, services	333. 33	118	Woodward & Lothrop, specimens	1. 70
48	A. H. Baldwin, special services	43. 81	119	Jas. W. Queen & Co., special services	1. 00
49	Sarah E. Mason, specimens	10. 00	120	India Alkali Works, supplies	22. 04
50	J. D. Epes, services	50. 00	121	Tiffany & Co., special services	38. 25
51	Frank X. Holzner, services	50. 00	122	R. H. Smith, specimens	7. 50
52	Chas. Schuchert, services	85. 00	123	G. Brown Goode, services	333. 33
53	Pay roll, services	8, 549. 32	124	Joseph Mace, freight	75. 00
54	R. F. Downing & Co., freight	32. 80	125	Pay roll, services	8, 851. 08
55	Mutual District Messenger Co., special services	6. 05	126	B. F. Stevens, freight	11. 61
56	American Ice Co., supplies	54. 06	127	D. P. Ingraham, specimens	30. 00
57	C. B. Fenton & Co., special services	4. 75	128	Ward's Natural Science Establishment, specimens	24. 50
58	H. H. & C. S. Brimley, specimens	3. 85	129	Frank X. Holzner, services	50. 00
59	The Northern Distillery, supplies	120. 26	130	do	50. 00
60	J. Baumgarten & Son, stationery	4. 50	131	S. R. Koehler, services	100. 00
61	Geo. W. Spier, supplies	1. 00	132	American Ice Company, supplies	27. 60
62	Wash. B. Williams, supplies	4. 40	133	New York Coin and Stamp Co., specimens	10. 35
63	M. A. Tappen, special services	\$2. 50, supplies 75 cents	134	Philadelphia Bureau of Press Clippings, books	7. 70
64	Newman & Son, supplies	6. 50	135	Wyckoff, Seaman & Benedict, supplies, \$5.89; special services, \$8.75	14. 64
65	W. Bartholomae, supplies	1. 20	136	Wyckoff, Seaman & Benedict, special services	35. 00
66	The Manhattan Supply Co., supplies	20. 80	137	Mutual District Messenger Co., special services	3. 35
67	Geo. Ryneal, jr., supplies	11. 68	138	J. B. Lippincott Co., books	5. 63
68	F. P. May & Co., supplies	2. 00	139	Baker & Adamson, supplies	3. 50
69	H. Gibb, services	80. 00	140	The American Trading Co., freight	25. 40
70	S. R. Koehler, services	100. 00	141	Geo. W. Knox Express, freight	64. 03
71	The Brewer Cipher Co., books	5. 00	142	United States Express Co., freight	36. 75
72	Wash. Nailor Co., spec. services	8. 75	143	Adams Express Co., freight	33. 50
73	P. A. Connell, supplies	4. 65	144	Judd & Detweiler, special services	14. 00
74	Geo. W. Sharpley, services	3. 00	145	G. P. Sullivan, special services	20. 00
75	The Columbia Phonograph Co., special services	18. 40	146	M. Payne, special services	18. 00
76	Joseph Mace, freight	1. 00	147	H. S. & C. S. Brimley, specimens	3. 05
77	Dexter & Co., special services	8. 53	148	H. Gibb, services	80. 00
78	G. P. Sullivan, special services	15. 00	149	Charles Schuchert, services	85. 00
79	Mutual District Messenger Co., special services	1. 80	150	W. W. Cadle, specimens	10. 00
80	United States Express Co., freight	14. 39	151	Erich Wittkugel, specimens	29. 85
81	Adams Express Co., freight	19. 39	152	Emmons S. Smith, supplies	2. 20
82	F. W. True, special services	1. 00	153	H. Landenberger, supplies	18. 00
83	A. H. Brown, services	10. 32	154	John C. Parker, supplies, \$34; stationery, \$37	71. 00
84	M. Payne, special services	10. 00	155	E. J. Pullman, supplies	25. 40
85	C. F. Adams, specimens	15. 00	156	Easton & Rupp, stationery	34. 42
86	Unger Sabasio, special services	2. 00	157	M. W. Beveridge, supplies	9. 95
87	Pom K. Soh, services	11. 29	158	Tschiffely & Evans, supplies	17. 67
88	Frank X. Holzner, services	50. 00	159	J. Baumgarten & Son, stationery	7. 65
89	Chas. H. Marsh, specimens	1. 50	160	Julius Lansburgh, supplies	13. 55
90	Fannie P. Cary, special services	25. 00	161	A. H. Baldwin, special services	86. 77
91	A. B. Baldwin, special services	37. 50	162	A. H. Baldwin, special services	30. 00
92	A. C. Downs, specimens	8. 00	163	Fred. A. Schmidt, stationery, \$7.15; supplies, 0.96	8. 11
93	Ira Godfrey, special services	5. 34	164	William Ballantine & Sons, stationery	104. 52
94	W. T. Farrar, supplies	9. 00	165	Z. D. Gilman, supplies	33. 12
95	M. A. Tappan, supplies	18. 50	166	J. H. Chesley & Co., supplies, \$8.80; stationery, \$3.95	12. 75
96	Newman & Son, special services	35. 00	167	E. G. Wheeler, supplies	4. 50
97	G. Brown Goode, services	333. 33	168	Dexter & Co., special services	9. 76
98	Joseph Mace, freight	75. 00	169	J. H. Mills & Co., special services	7. 00
99	Pay roll, services	8, 714. 67	170	Kepler Hoyt, services	3. 87
100	Chas. W. Richmond, specimens	134. 60	171	Jos Mace, freight	75. 00
101	Columbia Railway Co., supplies	10. 50	172	G. B. Goode, services	333. 33
102	Wm. N. Thompson, specimens	100. 09			
103	H. Gibb, services	80. 00			
104	Chas. Schuchert, services	85. 00			
105	S. R. Koehler, services	100. 00			
106	A. H. Baldwin, special services	18. 00			
107	Dexter & Co., special services	8. 17			
108	American Ice Co., supplies	46. 41			
109	Geo. W. Knox Express, freight	55. 35			
110	U. S. Express Co., freight	2. 30			

14 EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
173	F. X. Holzner, services	\$24. 19	241	Woven Down Duster Co., sup- plies	\$1. 00
174	Pay roll, services	8,952. 73	242	U. S. Express Co., freight	51. 96
175	Alice Macfarland, services	15. 00	243	Notman Photographic Co., spec- imens	8. 75
176	Chas. A. Alston, services	6. 00	244	Joseph Mace, freight	75. 00
177	J. E. Giles, services	6. 00	245	G. Brown Goode, services	333. 33
178	Lansburgh & Bro., supplies	108. 06	246	A. H. Baldwin, special services	57. 50
179	Chas. Schuchert, services	85. 00	247	Pay roll, services	9,022. 31
180	S. R. Koehler, services	100. 00	248	Columbia Phonograph Co., special services, \$43.78; sup- plies, \$35.50	79. 28
181	H. Gibb, services	80. 00	249	G. C. Neale, services	2. 14
182	W. E. Scollick, special services	25. 00	250	Heli Chatelain, services	24. 00
183	L. A. Rosenbusch, services	30. 48	251	C. W. Richmond, specimens	32. 25
184	M. Payne, special services	16. 00	252	New York Transfer Co., freight .....	. 50
185	F. Von Dachenhausen, special services	100. 00	253	S. R. Koehler, services	100. 00
186	A. H. Baldwin, special services	57. 50	254	H. Gibb, services	80. 00
187	Church & Stephenson, supplies	4. 50	255	Chas. Schuchert, services	85. 00
188	Easton & Rupp, supplies	8. 62	256	John C. Parker, special services	30. 00
189	Dexter & Co., special services	17. 72	257	G. Jervis, books	11. 75
190	J. H. Mills & Co., special ser- vices	5. 00	258	Wilhelm Engelmann, books	6. 00
191	A. F. Foote, books	2. 50	259	Chas. W. Richmond, specimens	80. 50
192	E. Morrison Paper Co., supplies, \$16.71; stationery, \$114	130. 71	260	S. S. Daish & Son, supplies	2. 40
193	Elmer & Amend, supplies	80. 86	261	Asa L. Shipman's Sons, station- ery	2. 75
194	W. H. Harrover, supplies .....	. 50	262	Wyckoff, Seamans & Benedict, supplies, \$3.17; special ser- vices, \$21.95	25. 12
195	Geo. Ryneal, jr., stationery, \$2.90; supplies, \$4.30	7. 20	263	Chas. Becker, supplies	14. 20
196	J. H. Chesley & Co., supplies	1. 00	264	Tschifely & Evans, supplies	3. 45
197	Chas. Becker, supplies	22. 95	265	John C. Parker, stationery	9. 65
198	Wyckoff, Seamans & Benedict, supplies, \$6.10; stationery, \$92.50	98. 60	266	Woodward & Lothrop, supplies	1. 35
199	American Ice Co., supplies	46. 20	267	Geo. Ryneal, jr., stationery, \$2.50; supplies, \$1.56	7. 06
200	Mutual District Messenger Co., special services	2. 65	268	Sam'l N. Rhoads, specimens	40. 00
201	P. L. Jouy, services	207. 74	269	American Ice Co., supplies	12. 00
202	People's Dispatch Co., freight	6. 27	270	M. Payne, special services	15. 00
203	E. J. Pullman, supplies	12. 31	271	A. C. Wells, services	1. 04
204	Chas. W. Richmond, specimens	13. 25	272	Adams Express Co., freight	13. 95
205	Scott B. Wilson, specimens	13. 61	273	E. J. Pullman, supplies	5. 30
206	G. Brown Goode, services	333. 33	274	People's Dispatch Co., freight	6. 80
207	Joseph Mace, freight	75. 00	275	Z. D. Gilman, supplies	7. 23
208	Pay roll, services	9,057. 05	276	United States Express Co., freight	12. 95
209	John M. Williams, freight .....	. 25	277	W. Andrew Boyd, supplies	20. 00
210	A. R. Appler, supplies	6. 00	278	Carter, Rice & Co., stationery	11. 95
211	H. W. Burnside, services	19. 35	279	Louis Schneider, specimens	41. 56
212	The White Corbin Co., station- ery	31. 50	280	Stephensons Express, freight	4. 88
213	Alaska Commercial Co., freight	10. 48	281	Mutual District Messenger Co., special services	1. 50
214	Phil. Bur. Press Clippings, books	11. 45	282	Walsh Schlüter, specimens	2. 10
215	Soule Photographic Co., spec- imens	2. 67	283	B. F. Stevens, freight	2. 98
216	E. J. Pullman, supplies	71. 13	284	Heli Chatelain, specimens	130. 80
217	Geo. Ryneal, jr., supplies	10. 02	285	Chas. K. Worthen, specimens	8. 50
218	G. P. Sullivan, special services	20. 00	286	Chas. McLinn, freight	10. 65
219	Leggat Bros., books	2. 25	287	Chas. H. Maish, specimens	3. 50
220	E. & H. T. Anthony & Co., specimens	3. 60	288	Dexter & Co., special services	9. 00
221	M. Payne, special services	15. 00	289	Mrs. E. Shoemaker, special services	15. 00
222	M. A. Tappan, supplies	1. 75	290	Herdic Phaeton Co., special services	8. 35
223	Wm. H. Butler, supplies .....	. 50	291	Erhard Bissinger, specimens	53. 68
224	S. R. Koehler, services	100. 00	292	A. H. Baldwin, special services	75. 00
225	H. Gibb, services	80. 00	293	J. B. Clayton, services	12. 90
226	Chas. Schuchert, services	85. 00	294	Frank X. Holzner, supplies	15. 75
227	The Northern Distillery Co., supplies	124. 59	295	John M. Williams, freight .....	. 25
228	Easton & Rupp, supplies	20. 74	296	G. Brown Goode, services	333. 33
229	Z. D. Gilman, supplies	31. 31	297	United States Express Co., freight	2. 60
230	N. V. Randolph & Co., supplies	32. 00	298	Joseph Mace, freight	75. 00
231	Mutual District Messenger Co., special services	1. 55	299	Pay roll, services	8,997. 23
232	Geo. W. Knox, express freight	10. 19	300	B. Westermann & Co., books .....	. 67
233	do	3. 67	301	China and Japan Trading Co., freight	22. 28
234	The Manhattan Supply Co., supplies	24. 80	302	J. B. Kendall, supplies	7. 00
235	D. P. Ingraham, specimens	15. 90	303	Columbia Railway Co., sup- plies	10. 50
236	Adams Express Co., freight	49. 50	304	Chas. H. Pleasants, supplies	38. 40
237	People's Dispatch Co., freight	3. 07	305	Adams Express Co., freight	30. 82
238	Dexter & Co., special services	8. 94	306	Geo. W. Knox Express, freight	42. 53
239	American Ice Co., supplies	14. 40	307	S. Raymond Roberts, books	30. 00
240	John M. Williams, freight	1. 25			

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
308	Library Bureau, supplies	\$4.50	368	A. H. Baldwin, special services	\$32.62
309	Wards National Science Establishment, specimens	224.00	369	U. S. Express Co., freight	9.15
310	P. L. Jouy, travel	43.05	370	do	32.30
311	Southern Pacific Co., freight	1.90	371	Geo. W. Knox Express, freight	2.05
312	People's Dispatch Co., freight	.25	372	do	39.60
313	A. H. Baldwin, special services	152.64	373	Adams Express Co., freight	16.20
314	S. R. Koehler, services	100.00	374	do	24.40
315	H. Gibb, services	80.00	375	Geo. F. Breninger, specimens	16.00
316	Chas. Schuchert, services	85.00	376	The E. Howard Watch and Clock Co., supplies	6.00
317	Mary M. Hildebrant, special services	17.17	377	International and Great Northern R. R., travel	4.60
318	G. P. Sullivan, special services	17.00	378	Wm. E. Stockett & Co., special services	2.00
319	J. W. Bouton, books	4.05	379	People's Dispatch Co., freight	1.31
320	M. Payne, special services	18.00	380	Dexter & Co., special services	8.79
321	B. Westermann & Co., books	2.00	381	American Ice Co., supplies	17.10
322	Leary Stuart & Co., books	.75	382	B. V. Gardner & Co., books	.66
323	Mutual District Messenger Co., special services	1.00	383	Wyckoff, Seamans & Benedict, special services	7.06
324	People's Dispatch Co., freight	45.96	384	Francis Wieser, special services	35.00
325	Dexter & Co., special services	9.75	384a	Missouri Pacific Rwy Co., freight	10.61
326	American Ice Co., supplies	18.37	384b	do	4.09
327	P. L. Jouy, freight	20.42	384c	Arizona and Southern R. R. Co., freight	.62
328	Wm. Wesley & Son, books	30.07	384d	Penn. R. R. Co., freight	8.51
329	Gebruder Hug, specimens	7.60	384e	Wm. H. Kane, freight	.64
330	Edwin E. Howell, special services	2.50	385	H. Gibb, services	80.00
331	J. L. Ridgway, specimens	187.50	386	S. R. Koehler, services	100.00
332	Joseph Mace, freight	75.00	387	H. Shuglo, specimens	245.00
333	G. Brown Goode, services	333.33	388	Tozo Takayanagi, specimens	90.00
334	Pay roll, services	8,965.48	389	C. Itchner, special services	14.16
335	Chas. Schuchert, freight	5.03	390	Church & Stephenson, supplies	1.50
336	S. R. Koehler, services	100.00	391	G. P. Sullivan, special services	25.00
337	H. Gibb, services	80.00	392	E. M. Hasbrouck, services	25.00
337a	Texas & Pacific R. R. Co., freight	2.37	393	Clinton Q. Thorn, special services	18.00
337b	Mo. Pacific R. R. Co., freight	.44	394	W. E. Scollick, special services	25.00
337c	B. & O. R. R. Co., freight	2.15	395	Church & Stephenson, supplies	1.50
337d	Arizona & S. Eastern R. R., freight	1.36	396	Mutual District Messenger Co., special services	5.75
337e	V. H. Igo, freight	8.80	397	J. H. Chesley & Co., stationery \$3.95, supplies \$1.	4.95
338	A. H. Baldwin, special services	76.17	398	F. P. May & Co., supplies	.50
339	G. E. Williams, special services	1.25	399	M. W. Beveridge, supplies	4.63
340	Thorpe & Martin Manufacturing Co., supplies	1.45	400	E. J. Pullman, supplies	46.44
341	J. Buttkofer, specimens	12.95	401	Geo. Rynear, jr., supplies \$11.25, stationery \$1.50	12.75
342	Walter Hough, specimens	515.25	402	E. McMaster, special services	10.80
343	Alfred Hansbury, freight	3.00	403	Geo. N. Rider, books	6.00
344	Columbia Phonograph Co., special services	85.00	404	Chas. K. Worthen, specimens	50.03
345	L. H. Schneider's Sons, supplies	8.69	405	Fred H. Cole, specimens	100.00
346	Wm. Ballantyne & Sons, stationery	33.22	406	James H. McGill, supplies	5.00
347	N. V. Randolph & Co., supplies	70.00	407	John M. Williams, freight	.25
348	A. E. Foote, books	2.00	408	Dexter & Co., special services	9.62
349	M. Payne, special services	17.00	409	James E. Ward & Co., freight	2.10
350	W. H. Lowdermilk & Co., specimens	4.00	410	M. Payne, special services	20.00
351	Mutual District Messenger Co., special services	6.20	411	Washington Chronicle, supplies	4.20
352	E. Morrison Paper Co., stationery, \$179.89; supplies, \$69.94	249.83	412	W. L. Richmond, special services	3.00
353	Wyckoff, Seamans & Benedict, special services	16.00	413	E. Morrison Paper Co., supplies	63.95
354	John C. Parker, supplies	17.00	414	Fred. A. Schmidt, supplies	10.13
355	India Alkali Works, supplies	20.80	415	W. S. Yeates, services	62.22
356	C. E. Beecher, supplies	2.55	416	F. C. Wintele, specimens	3.50
357	E. McMaster, special services	3.00	417	A. H. Baldwin, special services	52.53
358	The Manhattan Supply Co., supplies	11.75	418	Ella N. Ricks, services	3.00
359	W. W. Rockhill, specimens	843.45	419	Joseph Mace, freight	75.00
360	Edward Gerrard, specimens	6.15	420	G. Brown Goode, services	333.33
361	Chas. K. Worthen, specimens	113.00	421	Pay roll, services	9,577.42
362	Joseph Mace, freight	75.00	422	Church & Stephenson, supplies	1.50
363	G. Brown Goode, services	333.33	423	S. R. Koehler, services	100.00
364	Pay roll, services	9,594.79	424	H. Gibb, services	80.00
365	David White, travel, \$315.03; supplies, \$35.52	350.55	425	C. Itchner, special services	25.30
366	C. Itchner, special services	30.10	426	J. C. Parker, stationery	5.46
367	Alexander R. Webb, specimens	100.00	427	Easton & Rupp, stationery	32.29

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
	Treasury settlement:		427 h	Baltimore and Ohio R. R., freight	\$10.51
427 a	Union Pacific R. R. Co., freight	\$12.07	427 i	Missouri and Pacific Rwy., freight	5.07
427 h	do	3.57	427 j	Maricopa and Phoenix R. R., freight	.93
427 c	do	1.11	427 k	Puget Sound and Alaska S. S. Co. freight	1.07
427 d	Texas and Pacific, freight	4.66	427 l	Southern California R. R. Co., freight	.35
427 e	N. Mexico & Arizona, freight	2.25	427 m	John M. Williams, freight	.25
427 f	do	11.51			
427 g	Baltimore and Ohio R. R., freight	8.32			
Total disbursements preservation of collections, National Museum, 1893					127,085.47
Balance July 1, 1893					7,414.53

Furniture and fixtures, July 1, 1892, to June 30, 1893.

RECEIPTS.

Appropriation by Congress for the fiscal year ending June 30, 1893, "for cases, furniture, fixtures, and appliances required for the exhibition and safe-keeping of the collections of the National Museum, including salaries or compensation of all necessary employes" (Sundry civil act, August 5, 1893)	\$15,000.00
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EXPENDITURES.

Salaries or compensation:

1 engineer of property, 15 days, at \$175 per month	\$84.68
1 carpenter, 294 days, at \$3	882.00
1 carpenter, 234 days, at \$3	702.00
1 carpenter, 40 days, at \$3	120.00
1 carpenter, 33 days, at \$3	99.00
1 carpenter, 21 days, at \$3	63.00
1 carpenter, 1 month, at \$91	91.00
1 cabinet-maker, 297 days, at \$3	891.00
1 painter, 11 months, 20 days, at \$65	756.94
1 storekeeper, 3 months, at \$70	210.00
1 property clerk, 12 months, at \$90	1,080.00
1 skilled laborer, 8 months, at \$60, \$480; 26½ days, at \$60, \$53; 29 days, at \$60, \$56.13; 2 months, at \$50, \$100	689.13
1 skilled laborer, 11 months 15½ days, at \$50	575.00
1 skilled laborer, 1 month, 8 days, at \$50	67.40
1 skilled laborer, 288 days, at \$2	576.00
1 skilled laborer, 61 days, at \$2	122.00
1 skilled laborer, 40 days, at \$2	80.00
1 skilled laborer, 179 days, at \$1.75	313.25
1 laborer, 8 months 29 days, at \$40 per month; 2 months, \$41.50 per month	440.42
1 laborer, 1 month 16 days, at \$40 per month	60.65

7,903.47

Special service by job or contract 91.22

Total expenditure for salaries 7,994.69

Miscellaneous:

Cases	556.53
Drawings for cases	34.50
Drawers, trays, boxes	252.60
Frames, stands, etc	16.00
Glass	774.92

Miscellaneous—Continued.

Hardware	\$649.50
Tools	25.08
Cloth, cotton, etc	47.53
Glass jars	438.10
Lumber	501.44
Paints, oils, etc	383.35
Office furniture	48.22
Metals	30.89
Rubber and leather	21.86
Apparatus	118.20
Slate, brick, etc	6.50
Skylights	160.00
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	\$4,065.22

Total expenditure July 1, 1892, to July 30, 1893, for furniture and fixtures, 1893..... 12,059.91

Balance July 1, 1893, to meet outstanding liabilities..... 2,940.09

APPROPRIATION: FURNITURE AND FIXTURES, NATIONAL MUSEUM, 1893.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Pay roll, services	\$634.02	38	Woodward & Lothrop, cloth, etc	\$4.00
2	R. W. Ryan, services	42.00	39	Holbrook Bros., glass	163.60
3	Pay roll, services	635.00	40	W. A. Pate, tools	.90
4	F. W. Murray, apparatus	4.50	41	J. B. Kendall, hardware	1.00
5	Doremus & Co., hardware	243.20	42	L. H. Schneider's Son, hardware, \$25.97; tools, \$3.40	29.37
6	Pay roll, services	674.50	43	Pay roll, services	648.88
7	L. H. Schneider's Son, hardware	10.70	44	Lansburgh & Bro., cloth, cotton, etc	20.46
8	F. P. May & Co., hardware	35.55	45	Irving Buck, storage cases	556.53
9	Benj. H. Shoemaker, glass	573.12	46	H. C. Taylor, services	14.00
10	Irving Buck, drawers, etc	100.00	47	Church & Stephenson, lumber	276.41
11	Turner Jenkins, special services	9.00	48	Turner Jenkins, special services	4.75
12	Church & Stephenson, lumber	39.98	49	J. O. Akers, frames, etc	4.00
13	Pay roll, services	636.50	50	Thos. Somerville & Sons, hardware	.60
14	Doremus & Co., hardware	13.00	51	Hayward & Hutchinson, brick etc	3.00
15	Andrew Renz, tools	1.50	52	Chas. Becker, paints, oils	9.50
16	George P. Clarke, hardware	5.60	53	Geo. Ryneal, jr., glass	3.30
17	N. V. Randolph & Co., drawers, etc	52.50	54	J. H. Chesley & Co., hardware, \$8; tools, 35 cents	8.35
18	Irving Buck, drawers, etc	50.00	55	Wyckoff, Seamans & Benedict, office furniture	30.00
19	Pay roll, services	629.50	56	F. P. May & Co., tools, \$1; hardware, \$28.74	29.74
20	Wm. H. Douglas, hardware	21.00	57	Pay roll, services	595.00
21	Chas. H. Ourand, drawing for cases	20.25	58	L. H. Schneider's Son, leather, \$2; tools, \$5.13; hardware, \$2.78; furniture, \$1.90	11.81
22	do	14.25	59	L. H. Schneider's Son, tools, \$5; hardware, \$12.21	17.21
23	Hayward & Hutchinson, brick, etc	3.50	60	Wm. H. Butler, paints	5.65
24	N. V. Randolph & Co., drawers, trays, etc	3.00	61	W. H. Verhoff, frames, etc	12.00
25	C. Dordfinger & Sons, glass jars	74.40	62	Edw. S. Schmid, hardware	5.00
26	Wash. B. Williams, office furniture	5.87	63	J. H. Chesley & Co., hardware	35.30
27	Wm. H. Butler, paints, \$73.31; glass, \$7.50	80.81	64	Julius Lansburgh, office furniture	1.25
28	Melville Lindsay, rubber goods	11.36	65	Jesse Jones & Co., drawers, trays, etc	20.95
29	Robert Boyd, tin, lead, etc	8.25	66	E. D. Mallam, apparatus	113.70
30	W. B. Moses & Sons, office furniture	5.20	67	Pay roll, services	571.00
31	Francis Miller, paints, oils	4.68	68	Woodward & Lothrop, cloth, etc	8.00
32	F. P. May & Co., hardware	55.68	69	Jesse Jones & Co., drawers, trays, etc	26.15
33	Daniel Shanahan, paints, oils	63.78	70	F. W. Devoe & C. T. Raynolds Co., paints, oils	64.00
34	J. H. Chesley & Co., hardware, \$16.85; tin, etc, \$22.64	39.49			
35	Doremus & Co., hardware	7.50			
36	E. G. Wheeler, leather and rubber	8.50			
37	Whitall, Tatum & Co., glass jars	43.50			

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
71	W. A. Pate, tools.....	\$1.80	86	W. M. Whyte & Bro., sky-lights.....	\$160.00
72	Doremus & Co., hardware.....	12.00	87	Robt. Leitch & Sons, hardware.....	11.69
73	Church & Stephenson, lumber.....	27.61	88	Danl. Shanahan, paints, oils.....	20.40
74	Thos. Somerville & Sons, hardware.....	.85	89	do.....	95.65
75	Robt. Boyd, hardware.....	5.09	90	Church & Stephenson, lumber.....	59.31
76	Albert L. Pitney, hardware.....	1.65	91	do.....	9.36
77	Pay roll, services.....	583.52	92	J. H. Chesley & Co., hardware.....	34.38
78	W. B. Moses & Sons, cloth \$15.07; office furniture \$4.....	19.07	93	do.....	18.39
79	H. Landenberger, glass jars.....	9.70	94	F. P. May & Co., hardware.....	17.85
80	Turner Jenkins, special service.....	2.00	95	M. W. Beveridge, glass jars.....	19.50
81	H. L. Cranford, special service.....	75.47	96	Geo. Ryneal, jr., glass.....	27.40
82	Pay roll, services.....	581.50	97	L. H. Schneider's Son, hardware.....	3.30
83	L. H. Schneider's Son, hardware, \$15.62; tools, \$6.....	21.62	98	Francis Miller, paints, oils.....	30.73
84	C. Dorfinger & Son, glass jars.....	291.00	99	Wm. H. Butler, paints, oils.....	15.65
85	Pay roll services.....	751.05	100	Pay roll, services.....	907.00
			101	Church & Stephenson, lumber.....	88.77
Total disbursements, furniture and fixtures, National Museum, 1893.....					12,059.91
Balance July 1, 1893.....					2,940.09

Heating, lighting, electric and telephonic service, July 1, 1892, to June 30, 1893.

RECEIPTS.

Appropriation by Congress for the fiscal year ending June 30, 1893, for expenses of heating, lighting, electric, telegraphic, and telephonic service for the National Museum (sundry civil act, August 5, 1892).....	\$11,000.00
Deficiency act of March 3, 1893.....	2,000.00
Total	13,000.00

EXPENDITURES.

Salaries or compensation:	
1 engineer, 12 months, at \$115.....	\$1,380.00
2 firemen, 12 months, at \$50.....	1,200.00
1 fireman, 11 months 12 days, at \$50.....	570.00
1 telephone clerk, 12 months, at \$60.....	720.00
1 assistant telephone clerk, 12 months, at \$35.....	420.00
1 laborer, 1 month, at \$45; 5 months, at \$40.50; 3 months at \$39; 1 month, at \$37.50; 2 months, at \$36.....	474.00
Special service by job or contract.....	19.00
Total expenditure for salaries	4,783.00
General expenses:	
Coal and wood.....	\$5,003.04
Gas.....	1,253.64
Telephones.....	730.09
Electric supplies.....	67.73
Rental of call-boxes.....	100.00
Heating supplies.....	222.47
	7,376.97
Total expenditures July 1, 1892, to June 30, 1893, for heating and lighting, etc., 1893	12,159.97
Balance July 1, 1893, to meet outstanding liabilities.....	840.03

APPROPRIATION: HEATING AND LIGHTING, NATIONAL MUSEUM
1893.

Abstract of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
1	Pay roll, services	\$399.00	35	W. H. Harrover, heating supplies	
2	Washington Gaslight Company, gas	79.25	36	Geo. Ryneal, jr., heating supplies	\$0.30
3	Pay roll, services	400.50			2.50
4	Geo. Ryneal, jr., supplies	.72	37	Mutual District Messenger Co., rental call boxes	10.00
5	Pay roll, services	400.50	38	V. Baldwin Johnson, coal	694.71
6	V. Baldwin Johnson, coal	2,032.83	39	Pay roll, services	399.00
7	Washington Gas Co., gas	87.75	40	Washington Gaslight Co., gas	132.50
8	Robt. Leitch & Sons, supplies	39.09	41	John Herbert Corning, heating supplies	42.50
9	Mutual District Messenger Co., rental call boxes	10.00	42	W. A. Pate, heating supplies	2.50
10	Baker, Smith & Co., heating supplies	6.28	43	Chesapeake & Potomac Telephone Co., telephones	153.26
11	George Ryneal, jr., heating supplies	9.63	44	John K. Ward, heating supplies	20.50
12	Washington Gaslight Co., gas	90.63	45	Mutual District Messenger Co., rental call boxes	10.00
13	Mutual District Messenger Co., rental call boxes	10.00	46	Washington Gaslight Co., gas	144.75
14	American Automatic Protector Co., telephones	226.33	47	Pay roll, services	396.00
15	Charles Werner, coal and wood	103.75	48	Washington Gaslight Co., gas	126.25
16	John K. Ward, heating supplies	13.00	49	Robt. Leitch & Sons, heating supplies	5.36
17	Chesapeake & Potomac Telephone Co., telephones	200.00	50	John K. Ward, heating supplies	12.50
18	Pay roll, services	400.50	51	Mutual District Messenger Co., rental call boxes	10.00
19	S. S. Shedd & Bro., heating supplies	8.75	52	Charles Werner, wood	55.75
20	E. Devlin & Son, electric supplies	32.13	53	Pay roll, services	400.50
21	Westinghouse Electric and Manufacturing Co., electric supplies	1.60	54	John K. Ward, heating supplies	3.00
22	J. E. Hurley, special services	6.00	55	Washington Gaslight Co., gas	128.13
23	Pay roll, services	396.00	56	Mutual District Messenger Co., rental call boxes	10.00
24	Washington Gaslight Co., gas	90.13	57	Chesapeake & Potomac Telephone Co., telephones	150.50
25	Mutual District Messenger Co., rental call boxes	20.00	58	V. Baldwin Johnson, coal	1,941.00
26	Hayward & Hutchinson, heating supplies	6.50	59	Pay roll, services	367.50
27	Royce & Marean, electric supplies	34.00	60	Chas. Werner, wood	39.50
28	James B. Barbour & Son, heating supplies	3.50	61	Jas. L. Barbour & Son, heating supplies	4.15
29	Pay roll, services	405.00	62	Mutual District Messenger Co., rental call boxes	10.00
30	Robert Leitch & Sons, heating supplies	17.94	63	John K. Ward, heating supplies	5.00
31	Watson Lyon, special services	7.00	64	J. E. Hurley, special services	6.00
32	Chas. Werner, wood	105.50	65	Pay roll, services	400.50
33	The E. F. Brooks Co., heating supplies	1.50	66	Washington Gaslight Co., gas	128.25
34	Washington Gaslight Co., gas	114.00	67	Robt. Leitch & Sons, heating supplies	6.00
			68	Mutual District Messenger Co., rental call boxes	10.00
			69	Geo. Ryneal, jr., heating supplies	2.50
			70	do	8.75
			71	Washington Gaslight Co., gas	132.00
			72	Pay roll, services	399.00
	Total disbursements heating and lighting National Museum, 1893				12,159.97
	Balance July 1, 1893				840.03

Postage, July 1, 1892, to June 30, 1893.

RECEIPTS.

Appropriation by Congress for the fiscal year ending June 30, 1893, "for postage stamps and foreign postal cards for the National Museum." (Sundry civil act, August 5, 1892) ----- \$500.00

EXPENDITURES.

City post office for postage and postal cards ----- 500.00

Appropriation all expended July 1, 1893.

20 EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

Detailed list of vouchers for expenditures from appropriation postage, National Museum, 1893, from July 1, 1892, to June 30, 1893.

No.	Item of expenditure.	Amount.
1	Washington City post-office, foreign postal cards.....	\$20.00
2	do.....	10.00
3	Washington City post-office, stamps and postal cards.....	470.00
	Total disbursements.....	\$500.00

Printing, July 1, 1892, to June 30, 1893.

RECEIPTS.

Appropriation by Congress for the fiscal year ending June 30, 1893, "for the Smithsonian Institution for printing labels and blanks and for the 'Bulletin' and volumes of the Proceedings of the National Museum." (Sundry civil act August 5, 1892)..... \$12,000.00

EXPENDITURES.

Bulletins, National Museum, Nos. 40, 43, 44, 45	\$2,351.23	
Bulletins, National Museum, No. 39, extras	155.05	
Bulletins, National Museum, special, Nos. 1 and 2	1,315.70	
Proceedings, National Museum, vols. 14, 15, 16	2,804.67	
Reports National Museum, extras	2,228.40	
Lists, etc	80.18	
Labels for specimens	2,128.82	
Letter-heads, pads, and envelopes	268.53	
Blanks	230.05	
Record books	48.22	
Electros	7.00	
Congressional Records	24.00	
Total expenditure		11,641.85
Balance July 1, 1893.....		358.15

Building—National Museum.

Balance July 1, 1892, as per last annual report..... \$525.36

EXPENDITURES.

From July 1, 1892, to June 30, 1893.....	522.53	
Balance carried, under the provisions of the Revised Statutes, section 309, by the Treasury Department to the credit of the surplus fund, June 30, 1893.....		2.83

Detailed list of expenditures from appropriation National Museum building, from July 1, 1892, to June 30, 1893.

No.	Item of expenditure.	Amount.
6	H. L. Cranford, artificial stone pavement	\$396.38
7	do.....	126.15
	Total disbursements.....	522.53
	Balance carried to credit of surplus fund, Treasury Department	2.83

Duties on articles imported for the National Museum.

Balance July 1, 1892, as per last annual report	\$58.25
Paid direct by Treasury Department	5.00
Balance carried, under the provisions of Revised Statutes, section 3090, by the Treasury Department to the credit of the surplus fund June 30, 1893.....	53.25

Preservation of collections, National Museum, 1892.

Balance as per last report, July 1, 1892	\$8,818.14
Expenditures to June 30, 1893:	
Salaries	\$440.00
Special services.....	330.11
	<u>\$770.11</u>
Supplies.....	337.50
Stationery.....	375.80
Specimens.....	6,220.23
Travel.....	89.69
Freight.....	593.30
Books.....	414.46
	<u>8,030.98</u>
Total expenditure to June 30, 1893.....	8,801.09
Balance July 1, 1893, to meet outstanding liabilities	17.05

Total expenditures of the appropriation for preservation of collections, 1892.

[Appropriation, \$145,000.]

	From July 1, 1891, to June 30, 1892.	From July 1, 1892, to June 30, 1893.	Total.
Salaries	\$122,751.43	\$768.61	\$123,520.04
Supplies.....	2,038.76	337.50	2,376.26
Stationery.....	842.79	375.80	1,218.59
Specimens.....	6,340.12	6,221.73	12,561.85
Travel.....	1,574.81	89.69	1,664.50
Freight.....	2,180.95	593.30	2,774.25
Books.....	453.00	414.46	867.46
Total.....	136,181.86	8,801.09	144,982.95
Balance.....	8,818.14	17.05	17.05

22 EXPENDITURES OF THE SMITHSONIAN INSTITUTION.

Detailed list of disbursements from appropriation, preservation of collections National Museum, 1892, from July 1, 1892, to June 30, 1893.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
632	W. W. Rockhill, services.....	\$50.00	696	Layyat Barakat, specimens.....	\$3.75
633	J. C. McConnell, specimens.....	249.00	697	Tiffany & Co., special services.....	1.50
634	J. J. Williams, specimens.....	12.00	698	George Ryneal, jr., supplies.....	7.98
635	S. R. Koehler, services.....	100.00	699	Rowland A. Robbins, supplies.....	12.34
636	H. Gibb, services.....	80.00	700	Fred A. Schmidt, supplies.....	.30
637	K. J. Bush, services.....	60.00	701	Joseph F. Sabin, specimens.....	86.80
638	Wm. Heddermann, services.....	65.00	702	Gloucester Net and Twine Co., supplies.....	10.50
639	Chas. Schuchert, services.....	85.00	703	Wash. B. Williams, supplies.....	10.64
640	A. D. Rahn, special services.....	15.50	704	Tschiffely & Evans, supplies.....	7.73
641	W. H. Kimball, travel.....	5.50	705	Wm. H. Teepe, supplies.....	8.00
642	W. H. Newhall, travel.....	62.39	706	Robt. Boyd, supplies.....	1.20
643	W. E. Safford, specimens.....	350.00	707	John C. Parker, supplies.....	5.00
644	Wash. Nailor Cab Co., special services.....	3.50	708	Z. D. Gilman, supplies.....	13.83
645	Adams Express Co., freight.....	12.65	709	Emmons S. Smith, supplies.....	2.70
646	M. E. Mann, books.....	6.00	710	Adams Express Co., freight.....	55.00
647	American Ice Co., supplies.....	27.74	711	American Ice Co., supplies.....	42.86
648	Wm. Ballantyne & Sons, books.....	2.09	712	J. Baumgarten & Son, sup- plies.....	.50
649	Columbia Rwy. Co., supplies.....	10.50	713	Philadelphia Bureau of Press Clippings, books.....	4.15
650	W. Bartholomae, supplies.....	3.05	714	The Scott Stamp and Coin Co., specimens.....	176.45
651	Nixon Brewer, supplies.....	1.63	715	M. W. Beveridge, supplies.....	1.00
652	W. E. Benjamin, specimens.....	129.00	716	Lansburgh & Bro., supplies.....	.50
653	D. Appleton & Co., specimens.....	30.00	717	M. G. Copeland, supplies.....	4.43
654	Dennison Manufacturing Co., supplies.....	35.23	718	F. P. May & Co., supplies.....	18.43
655	M. Woodhull, specimens.....	3.00	719	Barber & Ross, supplies.....	.85
656	A. H. Brown, specimens.....	1.12	720	Easton & Rupp, stationery.....	61.15
657	Wyckoff, Seamans & Bened- ict, supplies, \$1.06; special services, \$3.....	4.06	721	E. Morrison Paper Co., sta- tionery.....	184.68
658	Wyckoff, Seamans & Bened- ict, supplies.....	3.00	722	The Columbia Phonograph Co., special services.....	42.60
659	Brentano's, books.....	24.35	723	G. E. Williams, special serv- ices.....	10.00
660	H. M. Colburn, specimens.....	50.00	724	F. A. Brockhaus, books.....	30.12
661	Mutual District Messenger Co., special services.....	2.00	725	Albert Schulz, books.....	7.38
662	do.....	3.40	726	Julius Neumann, specimens.....	44.55
663	Tiffany & Co., specimens.....	250.00	727	R. Wildman, specimens.....	316.72
664	Ward's Nat. Sci. Estbt., specimens.....	500.00	728	J. H. Chesley & Co., station- ery.....	4.15
665	People's Dispatch Co., freight.....	5.81	729	Leggat Bros., books.....	24.96
666	Japanese Trading Co., speci- mens.....	127.60	730	Chas. W. Richmond, speci- mens.....	108.50
667	Z. D. Waters, specimens.....	100.00	731	E. E. Howell, special serv- ices.....	151.00
668	Standard Sewing Machine Co., special services.....	3.00	732	Louis B. Grant, specimens.....	51.92
669	Washington Post Co., sup- plies.....	10.00	733	E. E. Howell, special serv- ices.....	46.25
670	Geological Survey of Amer- ica, books.....	10.00	734	A. E. Foote, books.....	10.00
671	Ira Godfrey, special services.....	5.86	735	J. C. McConnell, specimens.....	80.15
672	E. J. Pullman, supplies.....	34.92	736	Woodward & Lothrop, sup- plies.....	1.65
673	James H. McGill, supplies.....	4.40	737	Scott B. Williams, specimens.....	24.75
674	John Akhurst, supplies.....	6.25	738	Wm. Wesley & Son, speci- mens.....	10.40
675	M. A. Tappan, supplies.....	22.90	739	J. S. F. Huddleston, supplies.....	9.00
676	Washington Chronicle, sup- plies.....	4.00	740	Alfred Lemon & Co., speci- mens.....	2,940.28
677	John Wannamaker, speci- mens.....	15.00	741	Augustine Heard, specimens.....	41.22
678	F. B. Armstrong, specimens.....	2.00	742	P. L. Jouy, freight.....	3.78
679	W. H. Lowdermilk & Co., speci- mens.....	44.00	743	Wm. Wesley & Son, books.....	9.41
680	Ferd. Keller, specimens.....	50.00	743 a	Pennsylvania R. R. Co., freight do.....	2.35 1.09
681	S. Springmann, freight.....	.50	743 c	do.....	20.01
682	Geo. Ryneal, jr., supplies.....	9.09	743 d	Baltimore and Ohio R. R. Co., freight.....	4.41
683	E. G. Wheeler, supplies.....	2.10	743 e	do.....	49.04
684	U. S. Express Co., freight.....	69.05	743 f	do.....	.98
685	Geo. W. Knox Express, freight do.....	56.42 39.64	743 g	do.....	8.73
687	George F. Kunz, specimens.....	125.00	743 h	Baltimore and Ohio R. R. Co., travel.....	6.00
688	F. A. Brockhaus, books.....	243.40	743 i	Missouri Pacific R. R. Co., freight.....	8.47
689	Erdman & Schanz, specimens.....	9.63	743 j	do.....	2.05
690	John C. Brown, freight.....	33.43	743 k	Texas and Pacific R. R. Co., freight.....	1.06
691	Wm. Wesley & Son, books.....	23.58	743 l	Harrie H. Briggs, freight.....	5.93
692	Wm. Wesley & Son, books.....	19.02	743 m	do.....	2.80
693	W. T. Marshall, special serv- ices.....	42.50	743 n	Union Pacific R. R. Co., freight.....	4.65
694	Chas. F. Beecher, supplies.....	2.19			
695	Wm. Ballantyne & Sons, sta- tionery.....	125.82			

Detailed list of disbursements from appropriation, preservation of collections National Museum, 1892, from July 1, 1892, to June 30, 1893—Continued.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
743 o	Union Pacific R. R. Co	\$49.84	745 d	Southern Pacific R. R. Co.,	
743 p	do	19.47		freight	\$0.84
743 q	do	1.40	745 e	do	35.43
743 r	Atchison, Topeka and Santa		744 f	do	1.74
	Fe R. R. Co., freight	10.95	745 g	do	12.61
743 s	Missouri Pacific R. R. Co.,		745 h	Baltimore and Potomac R. R.	
	freight	3.48		Co., freight .....	.72
743 t	New Mexico and Arizona R.		745 i	Fremont, Elkhorn and Mis-	
	R. Co., freight .....	.25		souri Valley R. R. Co.,	
743 u	Chicago, Rock Island and Pa-			freight	1.26
	cific R. R. Co., freight	3.64	745 j	Chicago, Rock Island and Pa-	
743 v	do	5.40		cific R. R. Co., freight .....	.95
744	Chas. K. Worthen, specimens ..	137.00	745 k	do .....	.43
745	Bruno Geisler, specimens	150.39	745 l	do .....	.50
745 a	Atlantic and Pacific R. R. Co.,		745 m	Pennsylvania R. R. Co., travel	10.00
	freight	54.55	745 n	Chicago, Mil. & St. Paul R. R.	
745 b	Southern Pacific R. R. Co.,			Co., freight .....	.72
	freight	1.85			
745 c	Southern Pacific R. R. Co.,				
	travel	6.00			8,801.29
	Less amount disallowed in vouchers No. 109, 10 cents and No. 642, 10 cents .....				.20
	Total disbursements, Preservation of Collections, National Museum 1892, from July 1, 1892, to June 30, 1893				8,801.09
	Balance July 1, 1893				17.05

Furniture and fixtures, National Museum, 1892.

Balance, July 1, 1892, as per last annual report	\$3,300.37
Expenditures from July 1, 1892, to June 30, 1893:	
Cases	\$1,778.00
Drawers, trays, etc	56.05
Frames	166.50
Glass	1,038.14
Hardware	43.88
Tools	19.48
Cloth, etc	8.00
Glass jars	22.29
Lumber	47.97
Office furniture	6.00
Metals	2.94
Rubber and leather	13.32
Apparatus	36.32
Travel	3.70
Special service	30.00
Total expenditure	3,272.59
Balance July 1, 1893, to meet outstanding liabilities	27.78

Total expenditures of the appropriation for furniture and fixtures, 1892.

[Appropriation, \$25,000.]

	From July 1, 1891, to June 30, 1892.	From July 1, 1892, to June 30, 1893.	Total.
Salaries or wages	\$13,973.77	\$30.00	\$14,003.77
Exhibition cases	350.00	1,778.00	2,128.00
Drawings for cases	15.00	-----	15.00
Drawers, trays, boxes	543.72	56.05	599.77
Frames, stands, etc	169.50	166.50	336.00
Glass	281.75	1,038.14	1,319.89
Hardware	1,016.95	43.88	1,060.83
Tools	45.59	19.48	65.07
Cloth, cotton, etc	63.05	8.00	71.05
Glass jars	1,062.97	22.29	1,085.26
Lumber	1,660.21	47.97	1,708.18
Paints, oils, brushes	499.70	-----	499.70
Office furniture	765.00	6.00	771.00
Metals	367.14	2.94	370.08
Rubber and leather	122.28	13.32	135.60
Apparatus	129.00	36.32	165.32
Travel	2.00	3.70	5.70
Plumbing	632.00	-----	632.00
Total	21,699.63	3,272.59	24,972.22
Balance	3,300.37	27.78	27.78

Detailed list of disbursements from appropriation Furniture and fixtures, National Museum, 1892, from July 1, 1892, to June 30, 1893.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
142	J. E. Watkins, travel	\$3.70	153	Woodward & Lothrop, cloth, etc	\$8.00
143	W. D. Doremus, special services	2.50	154	Irving Buck, storage cases	324.00
144	Whitall, Tatum & Co., glass jars	22.29	155	Irving Buck, exhibition cases	700.00
145	Robt. Leitch & Sons, tools, \$0.75; hardware, \$3.70	4.45	156	J. H. Chesley & Co., tin, lead, etc., \$2.94; hardware, \$8.50	11.44
146	L. H. Schneider's Son, tools, \$0.55; hardware, \$30.81	31.36	157	Irving Buck, wall cases	140.00
147	Holbrook Bros., glass	1,038.14	158	William & Hanks, leather goods	13.32
148	Church & Stephenson, lumber	47.97	159	Jordon & McLeod, apparatus	8.82
149	Jesse Jones & Co., drawers, trays, etc	56.05	160	J. F. Hurley, special services, \$27.50; apparatus, \$27.50	55.00
150	Albert Pitney, tools	13.58	161	Irving Buck, frames, etc	166.50
151	J. W. Boteler & Son, office fur- niture	6.00	162	John C. Knipp & Co., exhibition cases	614.00
152	L. H. Schneider's Son, tools, \$2.60; hardware, \$0.87	3.47	163	Barber & Ross, tools	2.00
Total disbursements, Furniture and fixtures, National Museum, 1892					3,272.59
Balance July 1, 1893					27.78

Heating, lighting, etc., National Museum, 1892.

Balance, as per last report, July 1, 1892	\$486.44
Expenditure to June 30, 1893:	
Special services	\$3.00
Gas	89.00
Telephone	201.55
Electric work	15.00
Electric supplies	14.44
Rent of call boxes	20.00
Heating supplies	81.57
New boilers	60.00
Total expenditure	484.56
Balance to meet outstanding liabilities July 1, 1893	1.88

Total expenditures of the appropriation for heating and lighting, etc., 1892.

[Appropriation, \$15,000.]

	Expenditures.		
	From July 1, 1891, to June 30, 1892.	From July 1, 1892, to June 30, 1893.	Total.
Wages	\$5,238.93	\$3.00	\$5,241.93
Coal and wood	3,365.85	-----	3,365.85
Gas	1,360.51	89.00	1,449.51
Telephone	622.65	201.55	824.20
Electric work	37.00	15.00	52.00
Electric supplies	87.53	14.44	101.97
Rental of call-boxes	100.00	20.00	120.00
Heating repairs	329.00	-----	329.00
Heating supplies	433.62	81.57	515.19
New boilers	2,938.47	60.00	2,998.47
Total	14,513.56	484.56	14,998.12
Balance	486.44	1.88	1.88

Detailed list of disbursements from appropriation, heating, lighting, etc., National Museum, 1892, from July 1, 1892, to June 30, 1893.

No.	Items of expenditure.	Amount.
86	Washington Gaslight Co., gas	\$89.00
87	Washington Gaslight Co., special services	3.00
88	Mutual District Messenger Co., rental call boxes	10.00
89	do	10.00
90	Chesapeake and Potomac Telephone Co., telephones	201.55
91	Royce & Marean, electric work	15.00
92	Robt. Leitch & Sons, supplies .....	.58
93	E. G. Wheeler, electrical supplies, \$2.69; heating supplies, \$1.29	3.98
94	Geo. W. Dant, services, special	60.00
95	J. L. Barbour & Son, supplies	4.70
96	Royce & Marean, electrical supplies	11.75
97	Robt. Leitch & Sons, heating supplies	51.00
98	John K. Ward, supplies	17.50
99	Robt. Leitch & Sons, supplies	6.50
	Total disbursements, heating and lighting, National Museum, 1892	484.56
	Balance July 1, 1893	1.88

SMITHSONIAN INSTITUTION BUILDING—REPAIRS.

Receipts:

Balance July 1, 1892, as per last annual report	\$11,861.08
Expenditures from July 1, 1892, to June 30, 1893:	
Building material, lime, cement, etc	\$317.36
Carting	138.50
Glass	22.80
Hardware	16.03
Miscellaneous	25.00
Moving workshop (contract)	115.00
Paints, oils, etc	77.50
Pipes and cutters	408.66
Roofing	263.45
Slate-work	356.00
Services	2,034.16
Total expenditure, July 1, 1892, to June 30, 1893	3,774.46
Balance July 1, 1893	8,086.62

Detailed list of disbursements made by William W. Karr, disbursing clerk Smithsonian Institution, from Smithsonian Institution building, repairs from July 1, 1892 to June 30, 1893.

No.	Items of expenditure.	Amount.	No.	Items of expenditure.	Amount.
85	Church & Stephenson, lumber	12.36	103	B. F. Guy & Co., repairing roof	183.45
86	E. G. Wheeler, hardware, etc.	8.02	104	Maria Green, cartage	34.50
87	W. H. Butler, paints, oils, glass etc.	77.50	105	Daniel Shanahan, cement and sand	46.00
88	Albert Ports, services	28.50	106	Pay roll, services	336.65
89	do.	39.00	107	Maria Green, cartage	39.75
90	W. J. Mount, corbels	6.00	108	Pay roll, services	405.30
91	Thos. W. Smith, sash	15.00	109	Daniel Shanahan, cement and sand	47.00
92	Chas. E. Hodgkin, glass	22.80	110	Maria Green, cartage	23.50
93	Maria Green, cartage	17.00	111	B. F. Guy & Co., repairing roof, etc.	249.91
94	Pay roll, services	69.75	112	James Regan, down spouts, etc.	158.75
95	Caleb L. Saers, moving work shop	115.00	113	S. H. Bodfish, running levels	10.00
96	Maria Green, cartage	23.75	114	Pay roll, services	359.65
97	Daniel Shanahan, sand, lime, and cement	22.70	115	E. G. Wheeler, hardware, etc.	8.01
98	Pay roll, services	217.38	116	Joseph Fanning, stone steps	113.80
99	A. N. Hartman, slate work	150.00	117	Charles Ford, bricks	75.50
100	Maria Green, cartage	19.00	118	A. L. Wolfsteiner & Co., copper combing	80.00
101	A. N. Hartman, slate work	206.00	119	Pay roll, services	301.10
102	Pay roll, services	262.83			
Total disbursements Smithsonian Institution building, repairs					3,774.46
Balance July 1, 1893					8,086.62

ASTRO-PHYSICAL OBSERVATORY—SMITHSONIAN INSTITUTION, 1893.

RECEIPTS.

Appropriation by Congress "for the maintenance of the Astro-Physical Observatory under the direction of the Smithsonian Institution, including salaries of assistants, apparatus, and miscellaneous expenses," (sundry civil act, August 5, 1892.) \$10,000.00

EXPENDITURES FROM JULY 1, 1892, TO JUNE 30, 1893.

Salaries or compensation:

1 senior assistant, 2½ months, at \$200	\$500.00
1 senior assistant, 8 months, at \$200, \$1,600; 22 days, at \$200, \$141.94	1,741.94
1 assistant, 15 days, at \$166.66, \$80.64; 15 days, at \$166.66, \$80.64; 10 days, at \$166.66, \$53.76; 2 months, at \$166.66, \$333.32	548.36
1 assistant, 10 days, at \$116.66, \$37.63; 1 month, at \$116.66, \$116.66	154.29
1 aid, 15 days, at \$40, \$19.35; 15 days, at \$40, \$19.35	38.70
1 photographer, 6 months, at \$40, \$240; 19 days, at \$40, \$24.52	264.52
1 photographer, 1½ months, at \$150, \$225; 11 days, at \$150, \$55	280.00
1 clerk, 3 months, \$50, \$150; 11 days, at \$50, \$17.74	167.74
1 copyist, 19 days, at \$35, \$21.45; 1 month, at \$35, \$35	56.45
1 instrument-maker, 14 days, at \$83.33, \$38.34; 7 days, at \$83.33, \$19.44; 4 days, at \$83.33, \$10.75; 5½ days, at \$83.33, \$15.27; ½ month, at \$83.33, \$41.67	125.47
1 instrument-maker, 15 days, at \$60, \$29.03; 16 days, at \$60, \$30.97; 11 days, at \$60, \$21.29	81.29
1 instrument-maker, 8 months, at \$60	480.00

Salaries or compensation—Continued.

1 janitor, 22 days, at \$40, \$28.39; $\frac{1}{2}$ month, at \$40, \$20.....	\$48.39
1 stenographer, 10 hours, at 50 cents.....	5.00
1 carpenter, 5 days, at \$91, \$14.68; $7\frac{1}{2}$ days, at \$91, \$22.02; 8 days, at \$91, \$23.48; 2 days, at \$91, \$6.07; $\frac{1}{2}$ month, at \$91, \$45.50.....	111.75
1 carpenter, $2\frac{1}{2}$ days, at \$3, \$7.50; 90.3 hours, at \$37.50, \$33.86.....	41.36
1 carpenter, $16\frac{1}{2}$ days, at \$3.....	49.50
1 carpenter, $19\frac{1}{2}$ days, at \$3.....	57.75
1 laborer, $4\frac{1}{2}$ months, at \$50.....	225.00

Total salaries or compensation..... \$4,977.51

General expenses:

Apparatus and appliances.....	\$2,923.46
Drawings.....	524.75
Freight.....	71.05
Lumber.....	49.06
Miscellaneous supplies.....	698.12
Office furniture.....	48.00
Postage and telegraph.....	6.71
Plumbing and gas-fitting.....	5.90
Reference books and binding.....	234.64
Stationery.....	57.76
Travelling expenses.....	136.08

4,755.53

Total expenditure, July 1, 1892, to June 30, 1893..... \$9,733.04

Balance July 1, 1893, to meet outstanding liabilities..... 266.96

Detailed list of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from appropriation Astro-Physical Observatory, Smithsonian Institution, 1893, from July 1, 1892, to June 30, 1893.

No	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
1	Wm. Bauman, jr., drawings...	\$48.75	33	Wm. Hallock, services.....	\$100.00
2	D. M. Hess, services.....	29.03	34	Thomas Watkins, services.....	25.00
3	F. L. O. Wadsworth, services.....	80.64	35	Adams Express Co., freight.....	2.30
4	Thomas Watkins, services.....	24.19	36	John S. O'Hare, services.....	19.35
5	Wm. Hallock, services.....	96.77	37	E. J. Pullman, supplies.....	21.02
6	Wm. Bauman, jr., drawings.....	47.75	38	Washington City post-office, postage.....	5.00
7	F. L. O. Wadsworth, services.....	80.64	39	Wm. Hallock, services.....	100.00
8	Melville Lindsay, supplies.....	1.50	40	Thos. Watkins, services.....	25.00
9	D. M. Hess, services.....	30.97	41	C. B. Nichols, services.....	7.50
10	Thomas Watkins, services.....	25.81	42	Jno. S. O'Hare, services.....	19.35
11	Wm. Hallock, services.....	103.23	43	S. P. Langley, travel.....	9.73
12	Della M. Snider, supplies.....	.75	44	Thos. Watkins, services.....	25.00
13	D. M. Hess, services.....	21.29	45	C. B. Nichols, services.....	33.86
14	Thomas Watkins, services.....	25.00	46	Church & Stephenson, lumber.....	6.92
15	Wm. Hallock, services.....	100.00	47	L. H. Schneider's Son, hardware.....	2.35
16	Wm. Bauman, jr., drawings.....	51.00	48	Thomas Watkins, services.....	25.00
17	R. L. Reed, services.....	14.68	49	R. L. Reed, services.....	22.02
18	Royce & Marean, apparatus.....	33.15	50	Draper Hall Stable Co., carriage hire.....	6.00
19	Z. D. Gilman, supplies.....	1.60	51	Boston Cab Co., carriage hire.....	5.00
20	Easton & Rupp, stationery.....	2.70	52	Adams Express Co., freight.....	4.65
21	Washington Gaslight Co., gas.....	.50	53	Geo. W. Knox Express, freight.....	8.43
22	Fred A. Schmidt, stationery.....	2.50	54	F. L. O. Wadsworth, services.....	387.08
23	Henry J. Green, apparatus.....	2.65	55	John S. O'Hare, services.....	24.52
24	L. H. Schneider's Son, supplies.....	7.92	56	Thomas Watkins, services.....	25.00
25	do.....	.85	57	Stephen H. Baker, services.....	25.39
26	Robt. Leitch & Sons, supplies.....	1.80	58	F. L. O. Wadsworth, services.....	141.94
27	Geo. W. Knox Express, freight.....	.32	59	John A. Brashear, apparatus.....	89.90
28	Wm. Ballantyne & Sons, stationery.....	5.40	60	F. L. O. Wadsworth, apparatus.....	94.78
29	Wm. H. Butler, supplies.....	1.50	61	Wm. Bowman, jr., drawings.....	71.25
30	J. B. Chamberlain & Co., supplies.....	3.00	62	R. L. Reed, services.....	23.48
31	L. H. Schneider's Son, supplies.....	14.10	63	W. B. Moses & Sons, curtains.....	23.45
32	Wm. Bauman, jr., drawings.....	55.00			

Detained list of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from appropriation Astro-Physical Observatory, Smithsonian Institution, 1893, from July 1, 1892, to June 30, 1893—Continued.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
64	Wm. H. Butler, glass	\$2.00	138	Western Union Telegraph Co., cablegram	\$1.71
65	Eastman Kodak Co. films	24.00			4.00
66	Z. D. Gilman, cylinder	1.00	139	H. C. Dimond & Co., stamp	100.00
67	Stephen H. Baker, services	20.00	140	F. L. O. Wadsworth, services	30.00
68	R. L. Reed, services	45.50	141	Andrew Kramer, services	18.52
69	Wm. Bauman, jr., drawings	46.25	142	Robt. Leitch & Sons, apparatus	5.00
70	Thomas Watkins, services	25.00	143	Frank E. Gass, services	6.00
71	Andrew Kramer, services	30.00	144	A. Brenner, services	29.50
72	J. E. Hurley, brass bolts, etc	3.60	145	E. J. Pullman, supplies	49.75
73	Keuffel & Esser Co., boxwood rulers	9.60	146	Ernest Kubel, services	
74	Washington Gaslight Co., gas	.25	147	The Scovill & Adams Co., apparatus	115.20
75	S. P. Langley, travel	15.75	148	Royce & Marean, apparatus	17.75
76	John C. Parker, stationery	8.00	149	E. Morrison Paper Co., stationery	.60
77	Wm. H. Arneith, apparatus	1.25			1.75
78	Royce & Marean, apparatus	10.75	150	Franklin & Co., apparatus	.72
79	F. L. O. Wadsworth, services	200.00	151	Fred A. Schmidt, thumb tacks	.50
80	John S. O'Hare, services	40.00	152	Jas. W. Queen & Co., wire	8.70
81	Andrew Kramer, services	30.00	153	S. S. Shedd & Bro., gas pipe, etc	5.14
82	R. L. Reed, services	6.07	154	Geo. Rynear, jr., supplies	20.59
83	Wm. Bauman, jr., drawings	47.50	155	L. H. Schneider's Son, supplies	.50
84	S. P. Langley, travel	31.45	156	Washington Gaslight Co., gas	40.00
85	Wm. H. Butler, mirror	3.25	157	Jno. S. O'Hare, services	30.00
86	Z. D. Gilman, supplies	4.25	158	Andrew Kramer, services	100.00
87	Adams Express Co., freight	2.80	159	F. L. O. Wadsworth, services	35.00
88	Geo. W. Knox Express, freight	1.85	160	A. C. Irvine, services	10.03
89	Kane & Roache, gasfitting	5.90	161	A. J. Wilkerson & Co., tools	
90	L. H. Schneider's Son, hardware	5.15	162	Westinghouse Electric and Manufacturing Co., apparatus	155.00
91	Washington Gaslight Co., gas	1.00	163	Browning & Middleton, supplies	3.30
92	John S. O'Hare, services	20.00	164	W. H. Butler, glass	100.00
93	Andrew Kramer, services	30.00	165	F. L. O. Wadsworth, services	30.00
94	F. L. O. Wadsworth, services	100.00	166	Andrew Kramer, services	4.50
95	Fred. A. Schmidt, supplies	2.03	167	A. Brenner, services	9.38
96	Hill, Clarke & Co., apparatus	205.00	168	John K. Ward, apparatus	.65
97	C. C. Hutchins, quartz fibers	50.00	169	Adams Express Co., freight	30.25
98	Wm. Bauman, jr., drawings	75.50	170	M. E. Kahler, apparatus	120.75
99	J. B. Hammond, white pine cases	48.00	171	James B. Lambie, supplies	14.13
100	Joseph Mace, freight	.25	172	E. J. Pullman, supplies	1.30
101	F. P. May & Co., hardware	2.58	173	People's Dispatch Co., freight	17.10
102	Robt. Leitch & Sons, castings	1.12	174	Z. D. Gilman, supplies	
103	Chas. H. Pleasants, glue	.90	175	United States Express Co., freight	.25
104	Geo. Viehmann & Son, block stone	2.50	176	Eastman Kodak Co., supplies	327.93
105	Jno. S. O'Hare, services	20.00	177	Peter A. Frasse & Co., apparatus	1.49
106	Andrew Kramer, services	30.00	178	Elmer & Amend, supplies	8.10
107	F. L. O. Wadsworth, services	100.00	179	Ernest Kubel, apparatus	.80
108	S. P. Langley, travel	33.15	180	Geo. W. Knox Express, freight	76.10
109	James W. Queen & Co., apparatus	13.16	181	George Maier, building	.75
110	Washington Gaslight Co., gas	.75	182	Adams Express Co., freight	2.65
111	United States Express Co., freight	1.65	183	Geo. W. Knox Express, freight	1.00
112	Adams Express Co., freight	1.30	184	Moore & Leding, apparatus	
113	Wm. Bauman, jr., drawings	53.75	185	United States Express Co., freight	2.75
114	Andrew Kramer, services	30.00	186	W. F. Roberts, stationery	17.74
115	A. Brenner, services	39.00	187	J. B. Clayton, services	21.45
116	Church & Stephenson, lumber	19.09	188	A. C. Irvine, services	30.00
117	do	16.61	189	Andrew Kramer, services	40.00
118	F. L. O. Wadsworth, services	100.00	190	John S. O'Hare, services	100.00
119	John A. Brashear, apparatus	63.60	191	F. L. O. Wadsworth, services	130.25
120	Easton & Rupp, stationery	8.10	192	John A. Brashear, apparatus	24.00
121	Francis J. Hill, apparatus	391.92	193	S. P. Langley, travel	26.75
122	Melville Lindsay, supplies	6.00	194	Wm. L. Spieden, drawings	38.34
123	J. Karr, supplies	2.50	195	Joseph Ludewig, services	4.68
124	Judd & Detweiler, printing	4.00	196	Church & Stephenson, lumber	8.00
125	Wm. Wesley & Son, books	4.95	197	Geo. White & Sons, apparatus	2.55
126	do	1.60	198	Z. D. Gilman, supplies	2.10
127	Louis P. Casella, thermometers	92.19	199	Geo. Rynear, jr., supplies	1.20
128	F. L. O. Wadsworth, services	100.00	200	James B. Lambie, supplies	5.22
129	Andrew Kramer, services	30.00	201	L. H. Schneider's Son, supplies	143.11
130	John S. O'Hare, services	20.00	202	F. A. Brockhaus, books	17.78
131	do	20.00	203	Wm. Wesley & Son, stationery	100.00
132	Geo. W. Knox Express, freight	15.76	204	F. L. O. Wadsworth, services	19.44
133	M. E. Kahler, apparatus	31.25	205	Joseph Ludewig, services	25.00
134	Leggat Bros., books	1.88	206	J. B. Clayton, services	30.00
135	Eastman Kodak Co., apparatus	53.40	207	Andrew Kramer, services	55.00
136	Fauth & Co., apparatus	27.50	208	J. G. Hubbard, services	3.25
137	Geo. Maier, binding	1.25	209	W. C. Winlock, travel	1.25
			210	Washington Gaslight Co., gas	26.42
			211	A. J. Wilkinson & Co., supplies	

Detailed list of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from appropriation Astro-Physical Observatory, Smithsonian Institution, 1893, from July 1, 1892, to June 30, 1893—Continued.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
212	Elmer & Amend, supplies	\$3.81	244	Lansburgh & Bro., supplies	\$2.25
213	Peter A. Frasse & Co., supplies	1.12	245	R. W. Ryan, services	33.00
214	M. E. Kahler, apparatus	19.25	246	Pay roll, services	213.33
215	Fauth & Co., apparatus	54.75	247	Oelrichs & Co., freight	2.63
216	J. G. Hubbard, services	75.00	248	Wm. Grunow, apparatus	151.00
217	F. L. O. Wadsworth, services	100.00	249	Akron Iron Co., apparatus	31.17
218	Andrew Kramer, services	30.00	250	Pettit & Dripps, castings	2.60
219	J. B. Clayton, services	25.00	251	Goodnow & Wrightman, apparatus	2.60
220	Jno. S. O'Hare, services	40.00	252	Judd & Detweiler, printing	9.00
221	Joseph Ludewig, services	41.67	253	Queen & Co., apparatus	18.00
222	Boston Cab Co., carriage hire	5.00	254	Brown & Sharpe Manufacturing Co., apparatus	8.10
223	Akron Iron Co., apparatus	13.85	255	B. F. Stevens, books	7.00
224	Royce & Marean, apparatus	123.20	256	E. J. Pullman, supplies	115.35
225	S. C. Raub, supplies	1.50	257	Robt. Leitch & Sons, supplies	9.48
226	E. J. Pullman, supplies	17.45	258	L. H. Schneider's Son, supplies	3.70
227	Eastman Kodak Co., supplies	30.00	259	Melville Lindsay, supplies	1.56
228	O. L. Wolfsteiner & Co., apparatus	7.00	260	James B. Lambie, supplies	12.85
229	The Akron Electrical Manufacturing Co., apparatus	65.00	261	Z. D. Gilman, supplies	13.35
230	Carpenter Enamel Rheostat Co., apparatus	22.90	262	R. W. Ryan, services	24.75
231	Pay roll, services	240.75	263	Pay roll, services	238.60
232	Z. D. Gilman, supplies	13.70	264	Church & Stephenson, lumber	1.76
233	Easton & Rupp, stationery	1.18	265	Easton & Rupp, stationery	2.40
234	Robt. Leitch & Sons, castings	1.80	266	Geo. W. Knox Express, freight	2.56
235	F. P. May & Co., supplies	10.26	267	Z. D. Gilman, supplies	2.00
236	Geo. Ryneal, Jr., tools, etc	4.00	268	Fred A. Schmidt, supplies	3.20
237	Wm. H. Butler, gears, etc	1.24	269	F. P. May & Co., apparatus	.25
238	John A. Brashear, apparatus	63.95	270	W. G. Metzertott & Co., apparatus	.25
239	Nalder Bros. & Co., apparatus	238.62	271	Wm. L. Spelden, drawings	4.00
240	Pay roll, services	230.00	272	Melville Lindsay, supplies	2.82
241	Chas. T. Child, services	37.63	273	L. H. Schneider's Son, supplies	6.35
242	United States Express Co., freight	1.20	274	Washington Gaslight Co., gas	2.50
243	Adams Express Co., freight	18.75	275	M. E. Kahler, apparatus	37.33
Total disbursements Astro-Physical Observatory, Smithsonian Institution, 1893					9,733.04
Balance July 1, 1893					266.96

ASTRO-PHYSICAL OBSERVATORY — SMITHSONIAN INSTITUTION, 1892.

Balance July 1, 1892, as per last annual report	\$1,156.39
Expenditures, July 1, 1892, to June 30, 1893:	
Apparatus	\$634.76
Drawings	38.25
Freight	11.53
Printing and stationery	4.00
Reference books	336.71
Salaries	30.00
Supplies	22.60
Tools and implements	41.51
Total expenditure, July 1, 1892, to June 30, 1893	1,119.36
Balance July 1, 1893, to meet outstanding liabilities	37.03

Abstract of disbursements from appropriation Astro-Physical Observatory, 1892, from July 1, 1892, to June 30 1893.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
199	Wm. Baumann, jr., drawings.....	\$38. 25	214	Washington Gaslight Co., gas ..	\$0. 50
200	D. M. Hess, services	30. 00	215	F. A. Brockhaus, books	1. 15
201	Geo. Maier, books	18. 60	216	Do	5. 65
202	Jas. W. Queen & Co., apparatus ..	3. 12	217	L. C. Baudin, apparatus.....	20. 73
203	Fauth & Co., apparatus	38. 55	218	Henry J. Green, apparatus.....	64. 15
204	Easton & Rupp, supplies.....	3. 90	219	L. H. Schneider's Son, supplies	3. 26
205	L. H. Schneider's Son, tools and implements	1. 00	220	Do .....	. 85
206	McFadden & Co., tools and im- plements	40. 51	221	O. L. Wolfsteiner & Co., supplies	5. 00
207	Geo. Ryneal, jr., tools and im- plements .....	. 50	222	Royce & Marean, supplies.....	4. 95
208	Church & Stephenson, supplies ..	2. 16	223	W. B. Moses & Sons, supplies..	2. 00
209	U. S. Express Co., freight.....	. 95	224	F. A. Brockhaus, books.....	297. 59
210	T. R. Mitchell, printing.....	4. 00	225	General Electric Co., apparatus	15. 35
211	Eisner & Amend, apparatus.....	4. 98	226	Wm. Grunow, apparatus.....	182. 00
212	Geo. W. Knox Express, freight ..	1. 83	227	L. P. Casella, apparatus.....	23. 11
213	Adams Express Co., freight.....	8. 75	228	Jas. W. Queen & Company, ap- paratus	100. 00
	Total disbursements Astro-Physical Observatory, 1892		229	E. Kubel, apparatus.....	2. 25
	Balance, July 1, 1893		230	F. A. Brockhaus, books.....	13. 72
					1, 119. 36
					37. 03

NATIONAL ZOÖLOGICAL PARK, 1893.

Appropriation by Congress for the fiscal year ending June 30, 1893, for continuing the construction of roads, walks, bridges, water supply, sewerage, and drainage, and for grading, planting, and otherwise improving the grounds, erecting and repairing buildings and enclosures for animals, and for administrative purposes, care, subsistence, and transportation of animals, including salaries or compensation of all necessary employes and general incidental expenses not otherwise provided for, fifty thousand dollars, one-half of which sum shall be paid from the revenues of the District of Columbia and the other half from the Treasury of the United States; and a report in detail of the expenses on account of the National Zoölogical Park shall be made to Congress at the beginning of each regular session." (Sundry civil act, August 5, 1892)..... \$50,000.00

Expenditures, July 1, 1892, to June 30, 1893.

Salaries or compensation:

1 acting manager, 12 months, at \$208.33.....	\$2,499. 96
1 property clerk, 12 months, at \$100.....	1,200. 00
1 clerk, 4½ months, at \$45 per month, \$202.50;	
6 months, at \$60 per month, \$360.....	562. 50
1 clerk, 1 month and 7 days, at \$50	61. 29
1 stenographer, 12 months, at \$62.50	750. 00
1 messenger, 10 months 10 days, at \$25	258. 06
1 messenger, 3 months, at \$20, \$60; 9 months,	
at \$25, \$225	285. 00
1 messenger, 1 month 12 days, at \$25.....	34. 67
1 head keeper, 12 months, at \$75	900. 00
1 under keeper, 12 months, at \$50	600. 00
1 under keeper, 1 month, at \$45, \$45; 11	
months, at \$50, \$50.....	595. 00
1 under keeper, 12 months, at \$50.....	600. 00
1 under keeper, 12 months, at \$45	540. 00
1 foreman, 1 month, at \$60, \$60; 11 months,	
at \$75, \$825	885. 00
1 blacksmith, 12 months, at \$75.....	900. 00
1 assistant blacksmith, 9 months, at \$45,	
\$40; 3 months, at \$60, \$180.....	585. 00
1 carpenter, 12 months, at \$65.....	780. 00

Salaries or compensation—Continued.

1 carpenter, at 5½ months, at \$65, \$357.50; 7½ days, at \$65, \$15.73	8373.23
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 12 months, at \$50	600.00
1 watchman, 9 months, at \$50, \$450; 10 days, at \$50, \$16.67	456.67
1 watchman, 9 months, at \$45, \$405; 14 days, at \$45, \$21	426.00
1 watchman, 8 months, at \$45	360.00
1 laborer, 12 months, at \$45	540.00
1 laborer, 12 months, at \$45	540.00
1 laborer, 8 months, at \$45	360.00
1 laborer, 2 months, at \$45	90.00
1 driver, 3 months 1 day, at \$45	136.45
1 driver, 8½ months 7 days, at \$45	392.66
1 attendant, 1 month 15½ days, at \$45	68.02
1 attendant, 2 days, at \$1	2.00

Total salaries or compensation..... \$18,181.51

Miscellaneous:

Building material, lime, cement, etc	\$2,950.70
Copper cornice	288.00
Iron, steel, piping, fencing, and hardware	2,615.17
Lumber	1,560.81
Paints, oils, etc	80.91
Surveying, plans, drawings, etc	1,014.00
Tools and implements	350.64
Water supply, sewerage, etc	649.43
Trees, plants, fertilizers, etc	258.86
Freight, transportation, and hauling	990.19
Travelling expenses	60.89
Stationery, printing, etc	304.00
Food for animals	3,832.08
Postage, telephones, and telegraph	148.08
Miscellaneous supplies	560.37
Fuel	829.04

16,493.17

Wages of mechanics and laborers and hire of teams in constructing wing walls of bridge; buildings and inclosures; riprapping banks of creek; laying water pipes; building roads, gutters, and walks, planting trees, and otherwise improving the grounds:

1 bricklayer, 4½ days, at \$5	\$22.50
1 stone mason, 61 days, at \$4	244.00
1 stone mason, 25½ days, at \$4	102.50
1 stone mason, 121½ days, at \$4	486.00
1 stone mason, 52½ days, at \$4	209.50
1 stone mason, 49½ days, at \$4	198.50
1 stone mason, 9 days, at \$4	36.00
1 stone mason, 38½ days, at \$4	154.00
1 quarryman, 19 days, at \$2	38.00
1 carpenter, 115½ days, at \$3	345.75
1 carpenter, 108½ days, at \$3	324.75
1 carpenter, 33 days, at \$3	99.00
1 carpenter, 30 days, at \$3	90.00
1 carpenter, 5 days, at \$3	15.00
1 carpenter, 79½ days, at \$2.50	198.75
1 laborer, 3 days, at \$1.25	3.75
1 laborer, 35½ days, at \$1.25	44.68
1 laborer, 3½ days, at \$1.25	4.06
1 laborer, 131½ days, at \$1.25	164.68
1 laborer, 99 days, at \$1.25	123.73

Wages of mechanics and laborers, etc.—Continued.

1 laborer, 54½ days, at \$1.25	\$68. 11
1 laborer, 94 days, at \$1.25	117. 49
1 laborer, 47½ days, at \$1.25	59. 05
1 laborer, 27½ days, at \$1.25	34. 37
1 laborer, 95½ days, at \$1.25	119. 36
1 laborer, 82½ days, at \$1.25	102. 81
1 laborer, 15½ days, at \$1.25	19. 69
1 laborer, 5½ days, at \$1.25	6. 87
1 laborer, 252½ days, at \$1.25	315. 95
1 laborer, 127½ days, at \$1.25	159. 37
1 laborer, 84½ days, at \$1.25	105. 94
1 laborer, 4½ days, at \$1.25	5. 63
1 laborer, 6 days, at \$1.25	7. 50
1 laborer, 22 days, at \$1.25	27. 50
1 laborer, 40½ days, at \$1.25	50. 31
1 laborer, 77½ days, at \$1.25	97. 19
1 laborer, 85½ days, at \$1.25	106. 87
1 laborer, 23½ days, at \$1.25	29. 06
1 laborer, 38½ days, at \$1.50, \$57. 37; 69½ days, at \$1.25, \$86. 55	143. 92
1 laborer, 3 days, at \$1.25, \$3. 75; 121½ days, at \$1.50, \$182. 62	186. 37
1 laborer, 105 days, at \$1.25	131. 26
1 laborer, 18½ days, at \$1.25	22. 81
1 laborer, 104½ days, at \$1.25	130. 31
1 laborer, 23½ days, at \$1.25	29. 68
1 laborer, 18 days, at \$1.25	22. 50
1 laborer, 16 days, at \$1.25	20. 00
1 laborer, 65½ days, at \$1.25, \$81.55; 70½ days, at \$1.50, \$105. 75	187. 30
1 laborer, 12 days, at \$1.25; \$15; 275½ days, at \$1.50, \$412. 88	427. 88
1 laborer, 12 days, at \$1.25, \$15; 170½ days, at \$1.50, \$255. 35	270. 35
1 laborer, 11½ days, at \$1.25, \$14.06; 200 days, at \$1.50, \$300	314. 06
1 laborer, 48 days, at \$1.25, \$60; 45 days, at \$1.50, \$67.50	127. 50
1 laborer, 11½ days, at \$1.25, \$14.37; 13 days, at \$1.50, \$19.50	33. 87
1 laborer, 15½ days, at \$1.25, \$19.06; 60½ days, at \$1.50, \$90.75	109. 81
1 laborer, 6 days, at \$1.25, \$7.50; 95½ days, at \$1.50, \$143.62	151. 12
1 laborer, 74 days, at \$1.50	111. 00
1 laborer, 68½ days, at \$1.50	102. 75
1 laborer, 45 days, at \$1.50	67. 50
1 laborer, 222½ days, at \$1.50	334. 13
1 laborer, 353½ days, at \$1.50	530. 62
1 laborer, 70 days, at \$1.50	104. 99
1 laborer, 317½ days, at \$1.50	475. 88
1 laborer, 76½ days, at \$1.50	114. 75
1 laborer, 273 days, at \$1.50	409. 51
1 laborer, 158 days, at \$1.50	237. 00
1 laborer, 106 days, at \$1.50	159. 00
1 laborer, 298½ days, at \$1.50	447. 75
1 laborer, 71 days, at \$1.50	106. 50
1 laborer, 73½ days, at \$1.50	110. 25
1 laborer, 121½ days, at \$1.50	182. 25
1 laborer, 56 days, at \$1.50	84. 00
1 laborer, 51½ days, at \$1.50	77. 25
1 laborer, 28 days, at \$1.50	42. 00
1 laborer, 28 days, at \$1.50	42. 00
1 laborer, 2 days, at \$1.50	3. 00
1 laborer, 2 days, at \$1.50	3. 00
1 stonebreaker, 3 cubic yards, at \$1.50	1. 00

Wages of mechanics and laborers, etc.—Continued.

1 stonebreaker, 22 $\frac{3}{7}$ cubic yards, at \$1.50	\$15.74
1 stonebreaker, 62 $\frac{1}{2}$ cubic yards, at 60 cents,	
\$37.50; 100 $\frac{5}{7}$ cubic yards, at 70 cents, \$70.61	108.11
1 stonebreaker, 53 $\frac{1}{2}$ cubic yards, at 60 cents, \$32.35; 46 $\frac{1}{10}$ cubic yards, at 70 cents, \$32.27	64.62
1 stonebreaker, 38 cubic yards, at 70 cents	26.60
1 stonebreaker, 63 cubic yards, at 60 cents	37.80
1 messenger (tool boy), 105 days, at 50 cents	52.50
1 water boy, 109 days, at 50 cents	54.50
1 water boy, 76 days, at 75 cents	57.00
1 water boy, 75 $\frac{1}{2}$ days, at 75 cents	56.62
1 water boy, 39 days, at 75 cents	29.26
1 watchman, 1 day, at \$1.50	1.50
1 watchman, 1 day, at \$1.50	1.50
1 watchman, 1 day, at \$1.50	1.50
1 watchman, 3 days, at \$1.50	4.50
1 watchman, 4 days, at \$1.50	6.00
Wagons and teams, 553 $\frac{3}{8}$ days, at \$4	2,213.50
Horse and wagon, 1 day, at \$2	2.00
	<u>\$13,126.34</u>

Total expenditure \$47,801.02

Balance July 1, 1893 2,198.98

Detailed list of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
1	Pay roll, services	\$271.55	38	J. J. Mahoney, food	\$20.45
2	do	199.00	39	F. M. Walker, food	35.65
3	do	464.41	40	W. F. Hewett, food	48.60
4	do	571.51	41	C. G. Smith & Son, building	
5	do	285.25		stone	351.37
6	do	470.92	42	C. E. Hoover, food	58.30
7	J. J. Mahoney, milk	23.10	43	A. B. Baker, travel	21.74
8	F. M. Walker, food	22.68	44	Collector of taxes, District of	
9	W. A. Pate, supplies	1.50		Columbia, c. i. water pipe	69.79
10	Walter F. Hewett, food	34.55	45	Pay roll, services	1,863.10
11	D. J. Howell, surveying, etc.	20.00	46	D. J. Howell, surveying	25.00
12	Pay roll, services	1,744.52	47	Baltimore and Potomac R. R.	
13	Haywood & Hutchinson, sup- plies	2.40		Co., transportation	50.00
14	Poole & Brooks, supplies	2.70	48	Capitol Hill Brick Co., brick	9.00
15	D. W. McGrath, wagon	70.00	49	I. R. Roosa, transportation	61.49
16	Harry G. Isel, supplies	1.25	50	E. S. Schmid, food	12.50
17	Frank E. Hopkins, supplies	2.33	51	Chas. Schneider, food	48.00
18	J. Lohman, supplies	16.50	52	The Jackson Jones Co., lime	39.00
19	Edw. S. Schmid, food	14.50	53	J. H. Chesley & Co., fencing	40.32
20	R. A. Goulden, food	.75	54	Chas. E. Higgins, building ma- terial	54.96
21	E. Morrison Paper Co., sta- tionery	1.44	55	J. Lohmann, supplies	31.95
22	Wyckoff, Seamans & Benedict, stationery	.40	56	S. S. Daish & Son, food	87.73
23	Chas. Schneider, food	44.94	57	Littlefield & Alvord, broken stone	392.41
24	J. H. Chesley & Co., hardware	19.20	58	Chas. J. Fanning, slate	1.00
25	Daniel Shanahan, paints, oils, etc.	6.25	59	Wm. Ramsey, supplies	1.00
26	W. H. Blackburne, travel	18.80	60	F. P. May & Co., hardware	11.97
27	L. H. Schmieder's Son, supplies	3.25	61	Saml. Brenner, services	21.77
28	Samuel Brenner, services	46.25	62	Pay roll, services	1,802.56
29	H. W. Blunt, cement	213.75	63	J. J. Mahoney, food	18.40
30	Francis Miller, paints, oils, etc.	8.95	64	Danl. Shanahan, lime and ce- ment	28.20
31	Capitol Hill Brick Co., brick	9.00	65	Danl. Shanahan, building ma- terial	167.78
32	Capitol, North O Street and South Washington Railway Co., supplies	10.00	66	George White & Sons, gutter trap	17.60
33	W. T. & F. B. Weaver, tools, hardware, etc.	404.07	67	Church & Stephenson, lumber	575.81
34	Church & Stephenson, lumber	111.82	68	Walter F. Hewett, food and ce- ment	91.80
35	Pay roll, services	1,931.28	69	Geo. W. Knox Express, freight	10.00
36	W. P. Tisdell, transportation	214.17	70	V. Baldwin Johnson, coal	110.39
37	W. V. Kramer, services	25.00	71	M. G. Copeland & Co., supplies	10.00
			72	O'Neil Bros., supplies	6.75

Detailed list of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893—Continued.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
73	Mutual District Messenger Co., supplies	\$0.25	141	Pay roll, services	\$1,133.17
74	Chas. G. Smith & Son, stone	182.11	142	Frank Baker, travel	21.25
75	W. H. Harrover, galv. pans	13.20	143	Washington & Georgetown R. R. Co., paving blocks	102.51
76	F. M. Walker, food	47.36	144	Tschiffely & Evans, supplies	4.50
77	P. Mann, tools and implements	23.75	145	Chesapeake & Potomac Telephone Co., telephones	46.08
78	S. S. Daish & Son, food	109.21	146	James H. McGill, supplies	2.98
79	George White & Sons, gutter traps	35.20	147	Woodward & Lothrop, supplies	8.50
80	C. O. Chenault, transportation	5.00	148	John Welch, food	2.50
81	Z. D. Gilman, implements	1.35	149	Chas. A. Muddiman, supplies	4.02
82	Judd & Detweiler, printing	14.00	150	Edw. S. Schmid, food	21.00
83	Lansburgh & Bro., supplies	1.68	151	Wm. M. Galt & Co., food	12.72
84	J. H. Chesley & Co., implements	1.98	152	F. M. Walker, food	31.15
85	Wyckoff, Seamans & Benedict, supplies	4.50	153	Walter F. Hewett, food	28.00
86	Chas. Schneider, food	46.50	154	S. S. Daish & Son, food	112.21
87	Chas. Becker, supplies	4.08	155	Church & Stephenson, lumber, \$72.27; supplies, \$4	76.27
88	H. T. Burrows, stone	167.45	156	Baltimore and Potomac R. R. Co., freight	259.00
89	L. H. Schneider's Son, supplies	8.55	157	L. H. Schneider's Son, building material, \$14.80; supplies, \$19.60	34.40
90	Pay roll, services	1,938.22	158	Dan'l Shanahan, building material, \$15.63; supplies	19.63
91	George Ryneal, jr., supplies	10.05	159	Chas. Schneider, food	45.00
92	W. T. & F. B. Weaver, tools and implements	338.75	160	Washington Hydraulic Press Brick Co., brick	13.30
93	Jouvenal & Smith, bldg. stone	69.00	161	Geo. W. Knox Express, freight	6.71
94	John E. McLeod, food	6.00	162	Joseph F. Baker, water supply	6.00
95	Adams Express Co., freight	1.05	163	Camden Iron Works, cast-iron pipe	193.96
96	Fred A. Schmidt, supplies	13.00	164	Z. D. Gilman, supplies	.72
97	B. F. Guy & Co., supplies	1.00	165	T. R. Mitchell, printing	10.00
98	W. H. Butler, supplies	3.40	166	Wm. Ballantyne & Sons, supplies	5.50
99	Rensburg & Elliott, supplies	4.60	167	J. J. Mahoney, food	18.13
100	H. T. Burrows, stone	164.00	168	Broderick Bros., cast-iron pipe	8.44
101	Pay roll, services	2,124.36	169	Pay roll, services	936.32
102	L. H. Schneider's Son, supplies, tools, etc.	9.86	170	John H. Oberly, agent, stationery	32.50
103	Woodward & Lothrop, supplies	.63	171	C. E. Hoover, food	102.40
104	Adams Express Co., freight	32.30	172	Capitol, North O Street and South Washington R. R. Co., supplies	10.00
105	J. J. Mahoney, food	18.85	173	Thos. Somerville & Sons, pipe fittings	28.87
106	W. F. Hewett, building materials, \$15; food, \$0.60	78.60	174	Lewis Hopfenmaier, supplies	2.00
107	Church & Stephenson, lumber	262.97	175	George Eppert, food	74.10
108	F. M. Walker, food	30.15	176	Mrs. F. Nace, supplies	3.50
109	H. T. Burrows, stone	127.49	177	Pay roll, services	811.92
110	B. F. Guy & Co., supplies	41.50	178	George S. Anderson, food and transportation	82.32
111	Dan'l Shanahan, building material	41.68	179	J. J. Mahoney, food	18.60
112	H. W. Blunt, building material	42.75	180	F. M. Walker, food	34.73
113	Easton & Rupp, stationery	5.00	181	Walter F. Hewett, food	38.40
114	Chas. Schneider, food	46.50	182	Geo. W. Knox Express, freight	16.00
115	New York Transfer Co., transportation	40.50	183	Littlefield & Alvord, stone	7.71
116	George Ryneal, jr., supplies	4.14	184	Fred A. Schmidt, stationery	3.62
117	Chas. H. Pleasants, supplies	7.20	185	J. Lohmann, supplies	1.00
118	D. J. Howell, surveying, etc.	15.00	186	Chas. Schneider, food	46.50
119	Edw. S. Schmid, food	18.75	187	Chesapeake and Potomac Telephone Co., telephone	47.50
120	V. Baldwin Johnson, fuel	322.85	188	Geo. Ryneal, jr., supplies	4.94
121	E. L. Dent, building material	28.20	189	Edward S. Schmid, food	25.50
122	Pay roll, services	1,341.68	190	L. H. Schneider's Son, hardware	130.10
123	Joseph Mace, freight	3.00	191	Thos. Somerville & Sons, tools and implements	6.23
124	John C. Parker, stationery	1.75	192	Pay roll, services	880.14
125	P. Mann, tools	2.80	193	Joseph Mace, freight	3.00
126	Wm. Ballantyne & Sons, stationery	7.46	194	W. T. & F. B. Weaver, hardware	124.46
127	J. B. Kendall, tools	3.75	195	Wm. M. Galt & Co., food	5.02
128	Adams Express Co., freight	7.30	196	O. L. Wolfsteiner & Co., copper cornice	238.00
129	Chas. Becker, supplies	17.15	197	Rensburg & Elliott, supplies	8.35
130	Edw. S. Schmid, food	15.00	198	Adams Express Co., freight	2.10
131	S. S. Daish & Son, food	125.98	199	T. R. Mitchell, printing	5.00
132	Francis Miller, supplies	6.75	200	F. L. Olmstead & Co., plans and drawings	200.00
133	Thomas Somerville & Sons, supplies	96.59			
134	Capitol Hill Brick Co., brick	18.00			
135	Pennsylvania R. R. Co., transportation	6.50			
136	Pay roll, services	69.50			
137	Washington City post-office, postage	5.00			
138	W. T. & F. B. Weaver, supplies	182.57			
139	Jouvenal & Smith, building material	31.00			
140	Byron G. Daniels, transportation	123.02			

Detailed list of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893—Continued.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
201	W. A. Pate, supplies.....	84.00	272	B. Westermann & Co., books ..	81.07
202	F. Mann, supplies.....	1.25	273	Chas. J. Fanning, cement.....	6.00
203	Lansburgh & Bro., supplies.....	1.00	274	Wm. Ballantyne & Sons, books ..	7.50
204	S. S. Daish & Son, food.....	177.67	275	P. H. Heiskell, jr., & Co., im- plements.....	29.00
205	W. m. H. Butler, paints, oils, etc.	24.05	276	Broderick Bros., supplies.....	2.00
206	Melville Lindsay, supplies.....	23.71	277	F. M. Walker, food.....	45.71
207	Pay roll, services.....	910.42	278	T. R. Mitchell, printing.....	12.75
208	Geo. W. Knox Express, freight.....	10.00	279	John R. Galloway, supplies.....	3.00
209	F. M. Walker, food.....	44.90	280	Rensburg & Elliott, supplies.....	10.55
210	Walter F. Hewett, food.....	36.40	281	J. H. Chesley & Co., hardware.....	62.32
211	Geo. Ryneal, jr., supplies.....	5.04	282	Fred. A. Schmidt, stationery.....	.85
212	Wm. Ballantyne & Sons, sup- plies.....	5.00	283	W. H. Lowdermilk & Co., books ..	5.00
213	Wm. M. Galt & Co., food.....	6.16	284	Wm. M. Neitzey, food.....	9.10
214	J. C. Parker, supplies.....	4.25	285	Dan'l Shanahan, supplies.....	1.75
215	Edw S. Schmid, food.....	9.00	286	J. J. Mahoney, food.....	18.60
216	Wm. M. Neitzey, food.....	12.25	287	E. Morrison Paper Co., station- ery.....	3.63
217	J. J. Mahoney, food.....	18.60	288	Edward S. Schmid, food.....	15.00
218	Edw. L. Dent, tools and imple- ments.....	100.00	289	Thos. Somerville & Sons, cast- ings.....	2.13
219	S. S. Daish & Son, food.....	202.21	290	S. S. Daish & Son, food.....	119.94
220	P. H. Heiskell, jr., & Co., supplies	3.50	291	Wm. Wesley & Son, books.....	2.60
221	C. A. Schneider's Sons, supplies	3.00	292	Pay roll, services.....	1,321.19
222	B. F. Guy & Co., supplies.....	1.00	293	Chesapeake and Potomac Tele- phone Co., telephones.....	47.50
223	L. H. Schneider's Son, hardware	74.69	294	Chas. Schneider, food.....	88.50
224	Chas. E. Gross, supplies.....	12.10	295	Geo. W. Knox, express.....	40.80
225	Chas. Schneider, food.....	46.50	296	J. D. Wilson, fertilizer.....	50.00
226	Adams Express Co., freight.....	2.00	297	Church & Stephenson, lumber.....	161.78
227	Pay roll, services.....	908.52	298	V. Baldwin Johnson, fuel.....	200.79
228	F. P. May & Co., hardware.....	6.50	299	W. T. & F. B. Weaver, hardware	372.61
229	A. Eberly's Sons, supplies.....	2.50	300	Taylor Bros., transportation.....	3.25
230	Mary E. Boarman, supplies.....	1.65	301	Belt Railway Co., supplies.....	10.00
231	V. Baldwin Johnson, coal.....	195.01	302	Walter F. Hewett, food.....	36.40
232	W. T. & F. B. Weaver, hard- ware.....	52.88	303	Pay roll, services.....	1,422.74
233	Walter F. Hewett, food.....	36.40	304	E. Morrison Paper Co., station- ery.....	2.50
234	Edw. S. Schmid, food.....	20.30	305	Edward L. Dent, castings.....	3.20
235	The Standard Engraving Co., printing.....	20.00	306	Littlefield, Alvord & Co., haul- ing.....	153.13
236	Maurice Joyce, printing.....	42.80	307	F. M. Walker, food.....	45.40
237	Pay roll, services.....	897.31	308	J. J. Mahoney, food.....	18.00
238	E. G. Wheeler, supplies.....	1.50	309	Daniel Shanahan, cement.....	58.25
239	Church & Stephenson, lumber.....	172.17	310	L. H. Schneider's Son, hard- ware.....	49.61
240	Fred. A. Schmidt, stationery.....	2.15	311	George Ryneal, jr., supplies.....	5.23
241	Thos. D. Singleton, furniture.....	6.50	312	Bridgett O'Neill, lime.....	8.00
242	Wm. Smith, lime.....	16.00	313	Wm. M. Neitzey, food.....	8.40
243	F. P. May & Co., hardware.....	8.25	314	J. H. Chesley & Co., hardware.....	5.35
244	Wm. M. Galt & Co., food.....	5.70	315	Easton & Rupp, stationery.....	1.00
245	F. M. Walker, food.....	46.80	316	Washington & Georgetown R. R. Co., paving block.....	400.00
246	J. J. Mahoney, food.....	17.10	317	Thos. Somerville & Sons, pipe.....	9.75
247	Binder & Kelly, supplies.....	2.00	318	Chas. Schneider, food.....	45.00
248	Baltimore and Ohio R. R. Co., freight.....	11.00	319	Joseph Mace, freight.....	14.34
249	Wyckoff, Seamans & Benedict, supplies.....	2.00	320	Church & Stephenson, lumber.....	56.14
250	Wm. Ballantyne & Sons, station- ery.....	2.75	321	Geo. W. Knox Express, freight.....	3.10
251	E. Montrop & Co., supplies.....	8.25	322	do.....	1.00
252	Libbey, Bittinger & Miller, building material.....	12.60	323	S. S. Daish & Son, food.....	160.61
253	George Ryneal, jr., supplies.....	1.75	324	J. B. Kendall, hardware, etc.....	12.55
254	Dan'l Shanahan, supplies.....	13.48	325	Capitol Hill Brick Co. bricks.....	9.00
255	J. H. Chesley & Co., supplies.....	2.95	326	Lewis Hopfenmaier, tools and implements.....	20.54
256	S. S. Daish & Son, food.....	146.19	327	T. R. Mitchell, printing.....	1.50
257	George Maier, binding.....	4.50	328	Z. D. Gilman, supplies.....	.68
258	Thos. Somerville & Sons, sup- plies.....	7.58	329	C. E. Hoover, food.....	33.80
259	Robt. Boyd, supplies.....	5.75	330	do.....	31.20
260	Wm. M. Neitzey, food.....	6.82	331	Wm. M. Galt & Co., food.....	4.42
261	Pay roll, services.....	947.52	332	Pay roll, services.....	1,420.27
262	Manning & Parsons, lumber.....	60.00	333	P. H. Heiskell, jr., & Co., trees, plants, etc.....	24.13
263	Joseph Mace, freight.....	6.00	334	W. F. Hewett, food.....	42.00
264	Adams Express Co., freight.....	.35	335	W. T. & F. B. Weaver, hardware.....	204.36
265	C. E. Hoover, food.....	36.22	336	Pay roll, services.....	55.39
266	do.....	65.20	337	Edw. L. Dent, tools and imple- ments.....	122.45
267	A. Routt, fertilizer.....	45.00	338	Pay roll, services.....	1,194.77
268	W. F. Hewett, food.....	39.08	339	Adams Express Co., freight.....	8.70
269	Peter Henderson & Co., supplies	14.30	340	Page Woven Wire Fence Co., fencing.....	252.50
270	Edw. L. Dent, tools and imple- ments.....	65.59			
271	Pay roll, services.....	1,061.19			

Detailed list of disbursements made by William W. Karr, disbursing clerk, Smithsonian Institution, from July 1, 1892, to June 30, 1893—Continued.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
341	D. C. Turner, tools and imple- ments	85.00	361	Wm. M. Neitzey, food	80.10
342	Mary E. Boarman, supplies	1.26	362	Easton & Rupp, stationery	2.79
343	E. Montrop & Co., supplies	9.00	363	Chas. Schneider, food	46.50
344	F. M. Walker, food	42.38	364	Chesapeake and Potomac Tele- phone Co., telephones	2.00
345	Dan'l Shanahan, building ma- terial	58.05	365	Geo. Ryneal, jr., supplies	4.89
346	Joseph Mace, freight	19.81	366	Ames Plow Co., tools and imple- ments	49.71
347	J. J. Mahoney, food	18.60	367	Thos. W. Smith, lumber	60.00
348	Glenn Brown, plans, and draw- ings, etc	455.00	368	M. M. Crocker, supplies	2.00
349	D. J. Howell, surveying, etc	99.00	369	P. Mann & Co., supplies	90.77
350	Pay roll, services	1,195.40	370	Frank Baker, travel	16.85
351	W. T. & F. B. Weaver, hard- ware	171.36	371	Wm. Ramsay, supplies	5.00
352	Church & Stephenson, lumber	23.85	372	Edw. S. Schmid, food	12.50
353	Thos. Somerville & Sons, hard- ware, etc	50.44	373	T. R. Mitchell, printing	4.00
354	Wm. M. Galt & Co., food	11.84	374	L. H. Schneider's Son, hard- ware	19.25
355	S. S. Dalsh & Son, food	179.95	375	Pay roll, services	1,010.69
356	Harlan P. Kelsey, plants, etc	39.43	376	W. F. Hewett, food	48.05
357	Thos. Meehan & Sons, plants, etc	13.50	377	Hugh Waters, stone	19.00
358	Wm. F. Bassett & Son, plants, etc	24.50	378	Judd & Detweiler, printing	7.00
359	Conrad Becker, supplies .....	.35	379	J. H. Chesley & Co., hardware	72.90
360	Edw. S. Schmid, food	12.00	380	J. B. Kendall, hardware	3.50
			381	Adams Express Co., freight	5.10
			382	Wm. M. Galt & Co., food	8.84
			383	Olmstead, Olmstead & Eliot, plans, drawings, etc	200.00
	Total disbursements National Zoölogical Park, 1893				47,801.02
	Balance July 1, 1893				2,198.98

National Zoölogical Park, organization, improvement, maintenance.

Balance July 1, 1892, as per last annual report	\$1,778.34
Expenditures from July 1, 1892, to June 30, 1893:	
Artificial ponds, etc	\$910.86
Current expenses	23.75
Total expenditures	934.61
Balance July 1, 1893, to meet outstanding liabilities	843.73

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

	From April 30, 1890, to June 30, 1892.	From July 1, 1892, to June 30, 1893.	Total to June 30, 1893.
Shelter of animals	\$14,925.21		\$14,925.21
Shelter barns, cages, fences, etc	8,956.06		8,956.06
Repairs to Holt mansion, etc	2,000.00		2,000.00
Artificial ponds, etc	1,089.14	\$910.86	2,000.00
Water supply, sewerage, and drainage	7,000.00		7,000.00
Roads, walks, and bridges	15,000.00		15,000.00
Miscellaneous supplies	5,000.00		5,000.00
Current expenses	36,251.25	23.75	36,275.00
Total	90,221.66	934.61	91,156.27
Balance	1,778.34	843.73	843.73

Detailed list of disbursements from appropriation National Zoölogical Park, organization, improvements, maintenance.

No.	Item of expenditure.	Amount.
829	Pay roll, services.....	\$240.50
830	Glenn Brown, plans and drawings.....	5.00
831	John Burns, rental derricks.....	23.75
832	Pay roll, services.....	450.44
833	Collector of taxes, District of Columbia, cast-iron pipe.....	90.90
834	Pay roll, services.....	122.37
835	W. T. & F. B. Weaver, pig lead.....	1.65
Total disbursements National Zoölogical Park: Organization, improvements, maintenance, from July 1, 1892, to June 30, 1893.....		934.61
Balance July 1, 1893.....		843.73

National Zoölogical Park, buildings, 1892.

Balance July 1, 1892, as per last report.....	\$231.54
Expenditures, July 1, 1892, to June 30, 1893:	
Lumber.....	\$140.74
Paints, oils, etc.....	38.43
Plans, drawings, etc.....	13.25
Plumbing supplies.....	14.12
Stone.....	25.00
Total expenditures.....	231.54

Statement of the total expenditure of the appropriation for National Zoölogical Park, buildings, 1892.

[Appropriation, \$18,000, act March 3, 1891.]

	From July 1, 1891, to June 30, 1892.	From July 1, 1892, to June 30, 1893.	Total to June 30, 1893.
Fencing.....	\$107.50		\$107.50
Fuel.....	4.20		4.20
Glass, paints, oils, etc.....	227.40	\$38.43	265.83
Hardware, tools, etc.....	1,249.98		1,249.98
Heating apparatus.....	3,545.00		3,545.00
Lumber.....	3,023.41	140.74	3,164.15
Miscellaneous.....	83.10		83.10
Plans, drawings, etc.....	575.00	13.25	588.25
Plumbing supplies.....		14.12	14.12
Salaries or compensations.....	8,624.32		8,624.32
Stone, brick, lime, cement.....	328.55	25.00	353.55
Total.....	17,768.46	231.54	18,000.00

Detailed list of disbursements from appropriation National Zoölogical Park, buildings, 1892.

No.	Item of expenditure.	Amount.
70	L. H. Schneider's Son, paints and oils.....	\$30.73
71	Chas. Becker, paints and oils.....	5.50
72	Geo. Ryneal, jr., paints and oils.....	2.20
73	L. P. Shoemaker, stone.....	25.00
74	Glenn Brown, plans and drawings.....	13.25
75	W. T. & F. B. Weaver, hardware.....	14.12
76	Church & Stephenson, lumber.....	140.74
Total disbursements National Zoölogical Park, buildings, 1892.....		231.54

National Zoölogical Park, improvements, 1892.

Balance July 1, 1892, as per last annual report	\$121. 34
Expenditures, July 1, 1892, to June 30, 1893 :	
Hardware	7. 54
Plans and drawings	100. 00
Trees, shrubs, plants, etc	8. 80
Total expenditures	116. 34
Balance July 1, 1893, to meet outstanding liabilities	5. 00

Statement of the total expenditure of the appropriation for the National Zoölogical Park, improvements, 1892.

[Appropriation, \$15,000, act March 3, 1891.]

	From July 1, 1891, to June 30, 1892.	From July 1, 1892, to June 30, 1893.	Total to June 30, 1893.
Building bridge (contract)	\$1,742. 50		\$1,742. 50
Building material	544. 17		544. 17
Freight	74. 00		74. 00
Hardware	17. 20	7. 54	24. 74
Lumber	333. 09		333. 09
Salaries or compensation	8,181. 84		8,181. 84
Settees, etc	420. 00		420. 00
Supplies	81. 95		81. 95
Surveying, plans and drawings	2,961. 79	100. 00	3,061. 79
Tools and implements	173. 77		173. 77
Travelling expenses, etc	68. 50		68. 50
Trees, plants, and fertilizers	279. 85	8. 80	288. 65
Total	14,878. 66	116. 34	14,995. 00
Balance July 1, 1893, to meet outstanding liabilities			5. 00

Detailed list of disbursements from appropriation National Zoölogical Park, improvements, 1892.

No.	Items of expenditure.	Amount.
82	G. A. Parker, trees, plants, etc	\$8. 80
83	F. L. Olmstead & Co., plans and drawings	100. 00
84	W. T. & F. B. Weaver, hardware	7. 54
	Total disbursements, National Zoölogical Park, improvements, 1892	116. 34
	Balance July 1, 1893	5. 00

National Zoölogical Park, maintenance, 1892.

Balance July 1, 1892, as per last annual report	\$1,386 50
Expenditures from July 1, 1892, to June 30, 1893 :	
Coal and wood	180 00
Draft-horses	365. 00
Food for animals	189. 28
Freight and hauling	2. 65
Miscellaneous expenses	99. 03
Plans, drawings, etc	200. 00
Specimens	296. 17
Stationery and printing	16. 87
Telephones	37. 50
Total expenditures	1,386. 50

Statement of the total expenditure of the appropriation for the National Zoölogical Park, maintenance, 1892.

[Appropriation, \$18,500, acts March 3, 1891, and March 8, 1892.]

	From July 1, 1891, to June 30, 1892.	From July 1, 1892, to June 30, 1893.	Total to June 30, 1893.
Coal and wood.....	\$263.12	\$180.00	\$443.12
Draft-horse.....		365.00	365.00
Food for animals.....	3,738.12	189.28	3,927.40
Freight and hauling.....	222.91	2.65	225.56
Hardware, etc.....	76.05		76.05
Horseshoeing.....	33.14		33.14
Lumber.....	27.50		27.50
Miscellaneous expenses.....	394.22	99.03	493.25
Plans, drawings, etc.....		200.00	200.00
Salaries or compensation.....	10,984.12		10,984.12
Stationery and printing.....	72.77	16.87	89.64
Specimens.....	1,301.55	296.17	1,597.72
Telephones.....		37.50	37.50
Total.....	17,113.50	1,386.50	18,500.00

Detailed list of disbursements from appropriation National Zoölogical Park, maintenance, 1892.

No.	Item of expenditure.	Amount.	No.	Item of expenditure.	Amount.
191	Thos. M. Draney, fuel.....	\$23.40	210	E. S. Schmidt, food.....	\$16.75
192	J. T. Hopkins, draft horses.....	365.00	211	O'Neil Bros., miscellaneous expenses.....	10.50
193	Walter F. Hewett, food.....	41.55	212	Fred. A. Schmidt, stationery.....	2.85
194	J. J. Mahoney, food.....	20.58	213	Binder & Kelly, miscellaneous expenses.....	2.00
195	F. M. Walker, food.....	37.05	214	R. A. Golden, food.....	2.75
196	Wm. E. Hodge, fuel.....	156.60	215	T. R. Mitchell, printing.....	2.00
197	Jas. L. Barbour, miscellaneous expenses.....	1.60	216	Remsburg & Elliott, miscellaneous expenses.....	7.50
198	Pearce, Lawton & McReynolds, miscellaneous expenses.....	5.00	217	Adams Express Co., freight.....	2.15
199	P. Mann, miscellaneous expenses.....	2.45	218	United States Express Co., freight.....	.50
200	C. M. Bell, miscellaneous expenses.....	10.00	219	Mary E. Boardman, miscellaneous expenses.....	2.00
201	E. Morrison Paper Company, stationery.....	5.76	220	B. Westermann & Co., miscellaneous expenses.....	3.40
202	F. L. Olmstead & Co., plans, drawings, etc.....	200.00	221	Mutual District Messenger Co., miscellaneous expenses.....	.50
203	Easton & Rupp, stationery.....	.40	222	W. T. & F. B. Weaver, miscellaneous expenses.....	10.03
204	Wm. Ballantyne & Son, stationery.....	5.86	223	W. P. Tisdell, miscellaneous expenses.....	171.33
205	Z. D. Gilman, miscellaneous expenses.....	2.55	224	C. E. Hoover, food.....	23.60
206	Chas. Schneider, food.....	42.00	225	Geo. S. Anderson, food.....	124.84
207	Chesapeake and Potomac Telephone Company, telephone.....	37.50	226	H. M. Pollock, miscellaneous expenses.....	12.50
208	J. Lohman, miscellaneous expenses.....	37.50			
209	Church & Stephenson, miscellaneous expenses.....	4.00			1,399.00
	Less amount disallowed in voucher No. 158.....				12.50
	Total disbursements National Zoölogical Park, maintenance, 1892, from July 1, 1892, to June 30, 1893.....				1,386.50